



2015

# CENTRAL UNIVERSITY OF HARYANA SELF STUDY REPORT



SUBMITTED TO  
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL [NAAC]  
BANGALORE



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हरियाणा केंद्रीय विश्वविद्यालय  
(संसद के अधिनियम सं० 25(2009) के तहत स्थापित)  
**CENTRAL UNIVERSITY OF HARYANA**  
(Established vide Act of No. 25 (2009) of Parliament)

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क्रमांक/No:.....

Prof. R.C. Kuhad  
Vice Chancellor (FNAAS, FBRSI)

दिनांक/Date:.....

**From the Desk of the Vice Chancellor**

University is the temple of modern society, which plays a pivotal role in shaping and enabling the future citizens to ensure greatest good of greatest number. The foundation of any University aspiring to be a global leader is laid on its ability to achieve and sustain academic excellence and its capability to nurture innovative research. These can be implemented by introducing a paradigm shift in the teaching-learning pedagogy through inter and multi-disciplinary approach. In such a situation, classrooms do not act as barriers and boundaries but model instruction zones for disseminating knowledge to large sections of students. The purpose of a University is to create opportunities and avenues for the students. Virtual classrooms and e-learning are the new buzz words for developing a University without boundaries where there is free exchange of ideas and knowledge.

There is need to understand the relationship between education, employment and skill development which is the reason why Central University of Haryana has implemented Choice Based Credit System (CBCS) in all its Post Graduate programmes. Acting as a catalyst to create opportunities and avenues for the students to nurture and hone their talents and encourage fresh and out-of-the-box thinking, University has launched many new initiatives like introduction of B.Voc. programmes under Deen Dayal Upadhyay Kaushal Kendra Scheme; innovation-based activities under Centre for Innovation, Skill and Entrepreneurship Development; and job-oriented training counselling activities under Career Counselling, Training and Placement Cell.

Considering the importance of collaborative practices, University has taken significant steps towards maintaining linkages with the Industry and Corporates. Recently, University has entered into collaboration with National Cooperative Union of India (NCUI), Technology Applications Services (TAS) and Liberty Shoes for academic, research, training and placement activities. University is also in process of forming Technology and Incubation Centres in collaboration with National Skill Development Corporation and National Small Industries Corporation. University is also in the process of submitting proposal for development of Massive Open Online Courses (MOOCs), to offer the teaching-learning community the freedom of anytime-anywhere approach of learning, to Ministry of Human Resource Development. Special thrust is being given to all the departments and Schools to develop state-of-the-art teaching and research facilities especially for performing cutting edge research.

With the economy opening up and special emphasis being laid on Manufacturing and Services sector, the University constantly engages in designing courses, which directly cater to these two sectors and offer an edge to its students. The University constantly endeavors to create synergies between knowledge, life skills and technology to provide lasting solutions for sustained and eco-



friendly growth and development of the society through its Academic, Administrative, Outreach and Extension programmes.

Committed to meet the aspirations of the neighbouring society, University has adopted six villages under the scheme of Community Development, Unnat Bharat and Rashtriya Avishkar Abhiyan and University's Centre for Community Development. Unnat Bharat Abhiyan Cell, Science, Rashtriya Avishkar Abhiyan Cell formerly known as Maths and Technology (SMT) Club, NSS and Youth Red Cross (YRC) Units, Legal-Aid Clinic and Women Empowerment Cell are reaching to the community and schools with a bouquet of programmes aiming at gender sensitization; environment, health, hygiene and sanitation awareness; conservation and promotion of folk knowledge 'Lok Vidya'; developing the interest of the school students in Science, Mathematics and Technology; legal awareness and career counselling. The social outreach initiatives are being pursued with the consciousness that the role of a leader is to strengthen the foundation of the institution and conquer and build new territories by inspiring its people to excel individually and collectively, while being sensitive to everyone's needs and aspirations.

University has established a system approach through e-governance, faculty development programs, structured teaching-learning mechanism in the form of Schools and Departments, Information and Communication Technology enabled instruction, modernization of library with special focus on e-resources and e-learning, Innovations, Entrepreneurship and placement initiatives and a continuous evaluation process. Thus, special care is being taken to create an environment where each member of the University community is being given freedom, support and encouragement to explore and find their strengths to individually and collectively build the University and help it achieve new heights of success, overcome new challenges and conquer new territories.

With the engaging and vibrant academic environment in the University, I am hopeful that University fraternity deserves compliments for its ability to convert the obvious challenges being faced by a new University into strength and opportunities.

**"Achieving through believing"**

  
(Prof. R. C. Kuhad)



## Preface

The Central University of Haryana was established under the Central Universities Act, (No. 25 of 2009). The University is funded and regulated by the University Grants Commission (UGC) and Ministry of Human Resources Development, Government of India. Its territorial jurisdiction extends to the whole State of Haryana.

The permanent campus is located at Jant-Pali villages of district Mahendergarh in South Haryana. Mahendergarh is now a part of the extended National Capital Region (NCR) and is around 150 kilometers away from Delhi. It is well connected to Delhi through railways. The nearest railway station is 13 kilometers away from the Campus. The University is spread in a sprawling campus of over 488 acres of land surrounded by beautiful Aravalis.

The first academic session of the University was launched on January 4, 2010. Since then, every event organized and each initiative launched by the University is done with an aim to realize the Vision and Mission of the University.

The University has 25 Departments which are clubbed under 9 Schools of Study. The Post Graduate programs are offered by all 25 departments, M.Phil. programmes are offered by 5 departments and Ph.D. programmes are offered by 11 departments. The University has implemented Choice Based Credit System (CBCS) at the Post Graduate level which is a first in the country and is a curriculum related reform which has created a national impact in the country.

India will be the youngest nation by 2020 with 29 years as the average age of Indian population. Education can play a key role in harnessing the demographic dividend by preparing skilled, trained and educated youth for which some of the approved schemes of the University such as B.Voc., Community College, *Deen Dayal Upadhyay Kaushal Kendra* and Incubation Centre for Skills (in collaboration with NSIC) will soon be operational in the University. The University has already issued notification for admission to B.Voc. programmes and one-year Postgraduate Diploma Course in Cooperative Management in collaboration with National Cooperative Union of India, New Delhi.

Working towards realization of its Vision and Mission and in order to commit the academic agenda for promoting, producing and disseminating Knowledge; University's team of faculty members leave no stone unturned in providing quality teaching and building exciting environment for multi-disciplinary research.



Various centres, clubs and cells operating in the University work towards evolving a culture of sharing and caring; fostering love for nature; development of feeling of brotherhood, cooperation, teamwork, a sense of social responsibility; building democracy and ensuring inclusive growth. Realizing the mission to serve the neighboring community and sensitizing the society, University has adopted six neighboring villages—Jant, Pali, Dholi, Malra, Bhurjat, Lavan. We are tirelessly working for the holistic development of the surrounding villages.

Within six years of its inception, Central University of Haryana has created a national impact as it attracts the students from all over the country. With the expanding horizon of the University, it is becoming a coveted destination for the students where the academic programmes offered by the University are not confined to a particular stream rather it offers bouquet of choices in Arts, Humanities, Social Sciences; Language and Literature; Basic, Applied and Interdisciplinary Sciences; Commerce and Management; Law and Journalism. Therefore, University is proud to have the students from more than 15 states who represent national diversity.

With dedicated efforts towards creating conducive research climate, University has initiated the process of engaging senior scientists/academicians either on deputation or as Adjunct/Visiting faculty; developing state of art laboratories; procuring the best print and online resources in University library; and expediting the creation of infrastructure for the expansion of academic, research and innovative practices, in phased manner. It is in this background that University fraternity is enthusiastic to showcase the aspirations and achievements of the University as one of the fastest emerging universities that believes in converting all the challenges and difficulties into opportunities with the mantra—“Achieving through Believing”, internalized by young enthusiasts.

University is in the process of consolidating its Mission and Objectives by connecting with the masses through social outreach initiatives launched under Community Development and *Unnat Bharat Abhiyan*, *Rashtriya Avishkar Abhiyan*, *Swachh Bharat Abhiyan* and the mission for conservation and promotion of ‘*Lok Vidya*’. To meet the expectations of the community, stakeholders and the community of learners, University is multiplying its efforts to excel in all the crucial aspects of a fast-growing academic institution.

The Self Study Report (SSR) of the University presented to National Assessment and Accreditation Council (NAAC) amply exhibits that Central University of Haryana (CUH) deserves recognition for its exemplary initiatives in all seven well defined criteria.

**Criterion-I “Curricular Aspects”:** University is perhaps the first among equals to implement Choice Based Credit System (CBCS) for Post-Graduate programmes that facilitates horizontal and vertical mobility in tune with multi-disciplinary approach to learning.

**Criterion-II “Teaching Learning and Evaluation”:** The University has reframed all the relevant Ordinances to ensure the rigour in the process of Teaching, Learning and Evaluation.

**Criterion-III “Research, Consultancy and Extension”:** University has recently entered into linkages/collaboration with Industry/Corporates and prestigious organizations for the promotion of consultancy, extension and research activities at par with international standards.

**Criterion-IV “Infrastructure and Learning Resources”:** University is providing all necessary facilities for students and faculty and for the development of teaching-learning and research activities. While, Construction work of its three new academic blocks and the residential complex is in advanced stage, for Central Library, Health Centre, Administrative Block, Student’s Activity Centre and Guest Houses are to be taken up very soon.

**Criterion-V “Student Support and Progression”:** University has already developed a sound mechanism for student support and progression through initiatives like Welfare Schemes, Scholarships and Fellowships, Remedial and Coaching Classes, Courses for Life Skills and Soft Skills and through the special schemes like ‘Earn while you Learn’ and ‘Merit cum Means’.

**Criterion VI “Governance, Leadership and Management”:** As explicitly elaborated in the SSR the University administration is structured in a way that decisions are taken through participatory approach ensuring accountability at each level of Administration.

**Criterion VII “Innovation and Best Practices”:** University firmly believes that the sustainable growth of the Institution requires emphasis on innovative practices and to implement the same, Centre for Innovations, Skills, and Entrepreneurship” is constituted which has already established association with Technology Incubation Centre, South Campus, Delhi University, Delhi; Technology Application Services, New Delhi; Liberty Shoes Ltd., Karnal.

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# EXECUTIVE SUMMARY



## **EXECUTIVE SUMMARY**

### **University**

The Prime Minister of India, in his address to the nation on August 15, 2007, announced the establishment of one Central University in each of the states that did not have a central University. Subsequently, the Central Universities Act 2009 (No. 25 of 2009) which received Presidential assent on 20th March 2009 provided for the establishment of Central University of Haryana as one of the new Central Universities. The University is funded and regulated by the University Grants Commission (UGC) and Ministry of Human Resources Development, Government of India. Its territorial jurisdiction extends to the whole State of Haryana.

### **Visitor of the University**

His Excellency, Shri Pranab Mukherjee, The President of India, is the Visitor of the Central University of Haryana.

### **The Chancellor**

Prof. M.P. Singh is the Chancellor of Central University of Haryana. He was appointed as Chancellor by the President of India, in his capacity as the Visitor of the University.

### **Vice Chancellor**

Prof. R.C. Kuhad is the Vice Chancellor of Central University of Haryana. He was appointed as Vice Chancellor by His Excellency Shri Pranab Mukherjee, the President of India, in his capacity as the Visitor of the University and he assumed the charge of office of the Vice Chancellor on 16<sup>th</sup> April 2015.

### **Permanent Campus of the University**

Central University of Haryana is located at Jant-Pali villages of district Mahendergarh in South Haryana. Mahendergarh is now a part of the extended National Capital Region (NCR) and is around 150 kilometres away from Delhi. It is well-connected to Delhi through railways. The nearest railway station is 13 kilometres away from the Campus.





## University Logo

### *‘Achieving through Believing’*

University Logo is conceived with a globe at its centre surrounded by holy trinity of three arcs and at the bottom is a shloka taken from 'Neeti Shatkam' written by Bhartihari.

The arc at the bottom depicts an open book and a Veena, symbolising University's commitment to meeting the quest for acquiring knowledge, learning, enlightenment and promoting art and culture.

The arc at the right depicts processes of science, technology and adventure symbolising the University's commitment to developing scientific temper, enquiring approach and creating a culture of creativity and innovation for holistic development.

The arc at the left that depicts nature and symbolises University's commitment to promoting value based education, ethical conduct, inculcating respect for environment, ecology and living in harmony with nature.

The globe at the centre surrounded by the human chain and the pigeon flying above expresses University's belief that commitments represented by the trinity of three arcs shall lead to free spirit, global peace, prosperity and human solidarity-the real spirit of education.

The shloka at the bottom conveys that 'knowledge' is the unrivalled supreme attainment for all.

### **Vision**

To develop enlightened citizenship for a knowledge society for peace and prosperity of individuals, nation and the larger world through promotion of innovation, creative endeavours and scholarly inquiry.

### **Mission**

Mission Statement:

*“Making the University as mark of excellence where there is free cross-fertilisation of ideas and knowledge.”*

The Mission of the University is as follows:

- To provide learning environment for the growth and development of students and faculty, the University System will contribute to the educational cultural, economic, and social advancement of India by providing quality education through innovative programmes; by pursuing cutting-edge research, scholarly inquiry, and creative endeavors. The University will strive to create a learning ambience with diverse cultural backgrounds and enhance students acquisition of useful knowledge, communicative skills and analytical abilities through innovative teaching and a holistic learning environment.
- To facilitate cutting edge research in traditional disciplines and new/emerging areas at the frontiers of knowledge.
- To focus on relevance and quality in each area/discipline.
- To be a global brand in the education and research sectors.
- To provide international linkages for contextual and cultural learning for both faculty and students.
- To involve various stakeholders including Government, Industry, Community, etc. in providing relevant and quality education and learning environment on campus.
- To constantly review and update the curriculum to include new knowledge and society focus.
- Partnership with national and international institutions.
- Interdisciplinary approach in academic and research areas.
- To create and maintain highest level of integrity, ethics and values on campus and ensure zero tolerance for lack of these core constituents.
- To progressively expand the current academic and research areas into their diversified focus and implementation in phases.
- To encourage creativity and innovation in every discipline.

**The vision of the University for the next five years is given in the “Blueprint and Future Roadmap” further ahead in this section only on page number 20.**

### **Objectives of the University**

The objectives of the University shall be:

- To disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit;
- To make special provisions for integrated courses in humanities, social sciences, science and technology in its educational programmes;
- To take appropriate measures for promoting innovations in teaching-learning process and inter-disciplinary studies and research;
- To educate and train manpower for the development of the country;
- To establish linkages with industries for the promotion of science and technology; and
- To pay special attention to the improvement of the social and economic conditions and welfare of the people, their intellectual, academic and cultural development.

## **Quality Statement**

Determination, enquiry, perseverance, ethical conduct, probity, transparency, accountability and continuous self-evaluation and improvement form the cornerstones of all endeavors' for holistic and inclusive growth and development of society through excellence in academics, research and all other relevant and meaningful pursuits.

## **Academic Structure**

The University has implemented Choice Based Credit System (CBCS) at the Post Graduate level which is a first in the country in terms of curriculum-related reforms towards multidisciplinary approach. The University system comprises Schools, equivalent to a Faculty in traditional University System, which have been defined very broadly and with wider flexibility in University ordinances. Each School is headed by the Dean and the Departments/Centres under the school are headed by the Head/Director. Schools have interdisciplinary and multi-disciplinary approach with focus on both—pure and applied aspects of learning. Dedicated to its vision and mission, University offered various academic programmes in the following Schools of Studies during the Academic Session 2015-16:

- (i) School of Arts, Humanities and Social Sciences
- (ii) School of Chemical Sciences
- (iii) School of Computer Science and Informatics
- (iv) School of Earth, Environment and Space Studies
- (v) School of Journalism, Mass Communication and Media
- (vi) School of Language, Linguistics, Culture and Heritage
- (vii) School of Law, Governance, Public Policy and Management
- (viii) School of Physical and Mathematical Sciences
- (ix) School of Interdisciplinary and Applied Life Sciences

As approved by the statutory bodies there are 25 Departments which are clubbed under 9 Schools of Studies.

### **Ph.D. programmes are offered by the following departments:**

- Biochemistry
- Biotechnology
- Economics
- Education

- English and Foreign Languages
- Hindi and Indian Languages
- Management Studies
- Microbiology
- Nutrition Biology
- Political Science
- Tourism and Hotel Management
- Physics (to be started from the next academic session)

**M.Phil. programmes are offered by the following departments:**

- Economics
- Education
- English and Foreign Languages
- Hindi and Indian Languages
- Political Science.

All the 25 departments are offering postgraduate (PG) programmes.

University has notified admissions to One-year Postgraduate Diploma Course in Cooperative Management in collaboration with National Cooperative Union of India, New Delhi.

Besides, University has got UGC approval to run programmes under B.Voc, Community College and *Deen Dayal Upadhyay Kaushal Kendra* Scheme:

**As the courses under B.Voc and Community College have been subsumed under *Deen Dayal Upadhyaya Kaushal Kendra*, University proposes to start following three programmes:**

- B.Voc in Retail & Logistics Management
- B.Voc in Biomedical Science
- B.Voc in Industrial Waste Management

**Admission Procedure**

Deserving and talented students and scholars from all over India and the world, as per the policies of the Government of India, are welcome to take admission in PG, M.Phil and Ph.D programmes. Reservation and relaxations in admission is provided to the students as per the Government of India provisions.



Central University of Haryana participates in Central Universities Common Entrance Test (CUCET) through which it attracts the students of diversified cultures, backgrounds and ethnicity of the Country. Admissions are done purely on the basis of merit through counselling in the University premises. All students willing to take admission in the University are necessarily required to appear in the CUCET (Central University Common Entrance Test) examination conducted every year in the month of June. The information about CUCET is provided well in advance through University website and local/ national newspapers. The subject-wise merit list of CUCET is displayed on University website for awareness of all students. The admission committee formulated at University level conducts counselling sessions strictly as per the merit list of CUCET.

University offered admission in five new programmes including Master of Science (Microbiology), Master of Science (Biochemistry), Master of Science (Nutrition Biology), Master of Science (Biotechnology), and Master of Hotel Management & Catering Technology from the current academic session 2015-2016 on the basis of merit, applying the reservation policy.

Since inception of the University, the intake of the students has increased manifold with the increase of number of programmes. This has also attracted the talent from all over the country and the University has students from a number of states ranging from Jammu and Kashmir to Kerala and North-Eastern States too. Due to strict, fair and transparent admission policy the quality of students has increased to the desired level.

### **Examination and Evaluation**

Detailed annual academic calendar is prepared by the University before the commencement of the classes and it is uploaded on the University website. Ordinances themselves define the credit requirements of credits, sessional tests/assignments and evaluation process.

Students are directed in advance about the sessional evaluation comprising sessional test I and II, presentations and assignments. Sessional test I is held during the sixth week of the semester for the syllabi covered till then. Sessional II is held during the twelfth week. End-semester examination covering the entire syllabus is conducted by the examination branch as clearly specified in the Ordinance. As per Post Graduate Choice Based Credit System Ordinance, the evaluation system is based on the 10 point grading system.

### **Some of the Recent Reforms in Examination System:**

- Recently Ordinances have been modified in accordance with the CBCS and as an additional feature towards examination reforms, the students are allowed for re-checking of their end-

semester examination answer sheets with a nominal fee.

- Besides, University has made it mandatory for the students to fulfil the condition of 75% attendance through the revised Ordinance for Postgraduate Programmes.
- The students are also shown their internal assessment answer sheets to ensure the transparency and satisfaction of the students.
- In case a student is unable to complete the course in due time then he/she may exercise the clause of availing 'zero semester'.

#### **Recent Reforms in Ph.D. Evaluation Process:**

- After getting admission to Ph.D. programme the scholar has to mandatorily undergo six months course work before registration
- The full procedure laid down by the UGC is followed in the case of Ph.D. Evaluation process. A panel of eight names of Examiners is invited from the department and as per the University system the thesis is being sent to three external examiners appointed by the Vice Chancellor
- Scholar is required to publish at least two research papers in refereed journals before submission of thesis for evaluation
- Compulsory plagiarism check before submission of thesis for evaluation
- Open house Viva-Voce examination

#### **Teaching quality and improvement**

All the departments take the help of Information and Communication Technology (ICT) facilities to enrich the teaching-learning process. Computers and LCD projectors have been made available to facilitate the ICT-enabled teaching-learning pedagogy in all the departments. Various online learning resources, e-resources and Open Educational Resources (OER) are made available to the faculty through the library. As the campus is fully Wi-Fi, hence the students are even given online assignments. The laboratories of Science departments are being equipped with the latest equipment for better teaching, learning and research activities. Proper use of ICT is being done to make the teaching learning process more vibrant and dynamic.

University has the practice of encouraging the faculty members to recharge themselves through orientation programmes, refresher courses, visiting assignments, etc. The University has the culture to motivate the faculty to participate in National and International seminars and conferences from

time to time and there is provision of study leave, academic leave, duty leave, etc. for attending such events/occasions.

### **Resesarch Activity of the University**

Working towards realization of its Vision and Mission and in order to accomplish the academic agenda for promoting, producing and disseminating knowledge, quality research, the University, apart from the running courses with multi-disciplinary approach, has adopted engaging teaching-learning pedagogy and provides exciting environment for research. University publishes an interdisciplinary journal – “Journal of Central University of Haryana – An International Multidisciplinary Refereed Research Journal” which invites the scholarly inputs from all disciplines and publishes it under one name. Faculty members are also encouraged to carry out group project works involving interdisciplinary research. Out of 77 faculty members, near about 35.52% of the faculty have been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies and 86% of the faculty have participated and presented papers in academic events organized by external professional bodies.

Central University of Haryana is constantly attempting to provide the best of infrastructure to scholars and faculty members so that best research practices can be followed. Some of the efforts by the University in this regard are as given below:

- Scholars of various departments are provided with separate spacious rooms with facilities of computers.
- University is part of the UGC-INFLIBNET network of Government of India enabling its members to get online access to top class and wide range of National and International journals in various fields.
- University is also subscribing to various journals in its library. These journals are openly available to students along with proper reading space.
- University has also recently purchased a 10 user license of SPSS to facilitate the usage of the said software package to encourage research. The computers in e-library of the University are installed with SPSS package which are available for usage by all the students and faculty members of University.
- University is providing uninterrupted power supply and 24 X 7 internet connectivity to its scholars. The campus of Central University of Haryana is fully Wi-Fi.
- University has also made provision of having a software for plagiarism check to facilitate quality and original research work. The software is accessible to all members of University.

- University is also encouraging the DST Inspire teachers to join the University so that research work can be improved. University is currently providing all the infrastructure including residential facility to DST Inspire fellows on campus.
- University is also providing all the infrastructure support along with residential facility to post-doctoral fellowship students. Currently, two post-doctoral fellowships are utilizing the infrastructure of University to advance the research capabilities.

### **Extra-Curricular Activities and Community Services of the University**

Central University of Haryana has made all out efforts towards ensuring this vision. It has tried to realize this dream by building partnership with community, with neighborhood educational institutions, and with all stakeholders. Some of the cells and clubs of the University address the issue of inclusive education. For example, Cell for Differently-Abled, Women Empowerment Cell, SC/ST Grievances Cell, Internal Complaint Committee for Prevention, Prohibition and Redressal of Sexual Harassment, and most importantly, Equal Opportunity Cell. Hence, the University is fully dedicated to make the learning environment more democratic and inclusive. Realizing the mission to serve the neighboring community, University has adopted six neighboring villages—Jant, Pali, Dholi, Malra, Bhurjat and Lavan. The University is working steadfastly for the holistic development of the surrounding localities. To bring quality education to the doorstep of the villagers, free remedial classes are organized by the research scholars in the University Campus for the school-going students of the villages. The University provides necessary educational resources (including consultation, counseling and special sessions) to the students of the adopted villages. Some of the major social outreach initiatives taken by various cells and clubs such as Centre for Community Development, *Unnat Bharat Abhiyan* Cell, Women Empowerment Cell, Legal Aid Clinic etc. include—Legal awareness survey, Legal literacy and AADHAR Card camp in the University for the villagers; gender sensitization programmes in the adopted villages by the Women Empowerment Cell of the University; Tree plantation drives in and outside the villages; sensitization programmes on health, hygiene, sanitation, ecological and environment issues and cleanliness drives. University is committed to implement the ambitious campaigns like *Swachh Bharat Abhiyan*, *Rashtriya Aviskar Abhiyan* and *Unnat Bharat Abhiyan* through its cells, clubs, centres and teaching departments.

### **Governance of the University**

The governance of the Central University of Haryana is based on the principles of equality and inclusiveness which focuses on the consensus oriented approach of all the various stakeholders.

Transparency and Accountability are the two central pillars of governance for which University adopts e-governance for information delivery and other services to the stakeholders. University focuses on Green channels which facilitates paperless administration.

The University has developed various mechanisms for the leadership to interact with its stakeholders, for example, meetings of University Court , Executive Council, Academic Council, Finance Committee, Students' Council; interaction with the Visitor in the Annual conference of Vice Chancellors at Rashrapati Bhawan; meetings convened by UGC/MHRD at regular intervals; interaction with the community through various programmes being initiated under Community Development and *Unnat Bharat* campaign; interface with academia through extension lectures by renowned academicians from different disciplines; conducting workshops/dialogue with the involvement of scientists, experts, resource persons from industry, corporate and Innovation Foundation of India. University leadership keenly participates in the activities of Industry Interface Cell, Alumni Association, Teachers-Parents Meet, Grievance Redressal Cell, NSS/YRC, and Centre for Community Development, *Unnat Bharat Abhiyan* Cell, and Group for the Promotion of Arts, Culture and Heritage, Women Empowerment Cell, Legal Aid Clinic and Centre for Innovation, Skills and Entrepreneurship to interact with the participants from different spheres.

### **Blueprint and Future Road map**

***To put the institution on a high growth trajectory for achieving excellence in academics, research and innovations, University leadership has charted out the holistic roadmap to be pursued in the coming years.***

#### ***I. Some of the thrust areas that University proposes to focus on priority basis include—***

- Identifying the prospective areas requiring immediate attention for creating vibrant academic and research environment and to review all the ongoing projects in the institution. Priority will be given for NAAC accreditation of the University.
- Making the website a repository of all the available information, facilities, resources and opportunities that the University offers so that the stakeholders of the University are not deterred by any barriers of geographical location while accessing the relevant information. Open educational resources (OERs), Massive Open Online Courses (MOOCs) and resources available under 'Creative Commons' license will be linked to provide vast pool of useful and supplementary material to the students. MOOCs will offer the students anytime-anywhere learning environment, which is becoming increasingly popular as one of the most effective tools for knowledge sharing and dissemination.
- Establishing credible open forums for interaction with the teaching, learning and the non-teaching community to understand their needs, demands and aspirations to see the desired change.



- Establishment of University Development Corpus Fund to create a corpus for funding, supporting and sustaining academic and research initiatives of various in-house Centres and Institutes, faculty members, research scholars and students. The corpus will involve generation of funds from but not restricted to:
  - Industry
  - Alumni Endowments
  - Overhead grant from Extramural Research grants
  - Consultancy
  - Patents and technology transfer
  - Grant from International bodies under their social and academic initiatives
- Special initiatives and programs for differently-abled and disadvantaged students to realize the vision of inclusive quality education. All efforts shall be made to make the campus differently-abled and disadvantaged-friendly as per the requirements and guidelines of Government of India (GOI). A duly constituted special cell shall initiate affirmative action and monitoring of progress of all such programs towards equal opportunity to all the students even for exploring the possibilities to create and generate employment opportunities. Grants and aid will also be provided to deserving students for enhancing their employability skills. University also proposes to establish sports facilities for the differently abled students to further ensure their all round development.
- Equal Opportunity Cell will ensure that all sections of the students are provided appropriate support; and special initiatives will be undertaken for bringing students of the backward and underprivileged sections at par with others to offer them a level playing field for competition.
- University proposes to launch Technical Vocational Courses to empower the students with technical skills.

## ***II. Empowering and strengthening existing University System:***

- **E-Governance:** To bring the entire functioning of the University under the ambit of e-Governance, the University shall expedite the digitization process. The entire University will be linked through internet so that all the schools, departments and centres will be on a common network.
- **Transforming education system for creating exciting opportunities- Choice Based Credit System (CBCS)**
  - Shift in focus from teacher-centric to student-centric education.
  - Allows students to choose innovative curriculum through inter-disciplinary, intra-disciplinary courses, skill oriented papers, vocational education and encourages more flexibility for students.
  - Makes education broad-based and at par with global standards
  - Ease of mobility for students
- **Faculty Development Programmes:** Creating opportunities for the faculty to get oriented to latest innovative pedagogies, research methodology and professional skills by providing training through induction courses/workshops and seminars at regular intervals.

- **School/Department Development Program:** Enriching state of the art Labs with more equipment and securing funds from various GOI schemes for creating department-centric research facilities and developing Learning Resource Centres.
- **New learning and teaching pedagogy initiatives:** University proposes to create the facilities for developing e-learning material and also to facilitate the starting of MOOCs (Massive Open Online Courses).
- **Modernization of Library:** Library is the temple of wisdom and knowledge in a University. Apart from acquiring new and existing titles and increasing the subscription of journals, one of the priority areas will be to constantly upgrade and enhance the library connectivity to the national grid so that access to all the e-journals and e-books that are subscribed through INFLIBNET and its affiliated Universities and institutes are also available to the University students. Further, University library and Department/School libraries will be linked through the University intranet so that there is seamless flow of knowledge.
- **Placement Opportunities:** The Career Counselling, Training and Placement Cell will be refurbished to bring maximum number of students under its ambit. Registration and profiling of all students in the placement cell will be made mandatory so that each student gets the opportunity to apply for jobs.
- **Instituting Research Awards:** University proposes to institute many awards for recharging and motivating the faculty like—Best Research Paper Award, Best Teacher Award, Best Department Award in terms of maintenance and cleanliness, etc.
- **Strengthening of Examination System:**
  - Online registration for exams
  - Online issue of admission card
  - Online submission of question papers
  - Decentralization of Post Graduate examination by empowering University Teaching Departments.
- Consolidation of existing departments by providing faculty and minimum required infrastructure
- Introduction of new programs in Life Sciences, Physical Sciences, Mathematical Sciences, Performing and Fine Arts, Language and Linguistics and Pharmaceutical Sciences
- Introducing the Certificate and Diploma courses through the schemes like B.Voc, Community College, *Deen Dayal Upadhyaya Kaushal Kendra* and Skills Incubation Centre.
- Priority will be given for establishing different centers under the Inter and Multi-Disciplinary format providing infrastructure and opportunity to develop and hone existing and new areas of research and innovation. These centers will act as catalysts for increasing the quality and quantity of research publication and to develop relevant and sustainable technology and obtain its patents (IPR).

- **Center for Academic Auditing:** This center will be responsible for evaluation of all academic, research and associated activities of different Departments and Centers of the University. It will also be tasked with setting up of future benchmarks for the University.
- **Technology Stock Exchange:** This center will be established with objectives like creating value for ongoing and new research or to transform research in terms of revenue. An ecosystem will be developed to provide common platform for researchers, industrialists, evaluator and IPR specialists for facilitating the improvement of incubated technologies and their transfer to industries.
- **Centre for Policy and Modeling:** This center will focus in creating value in the following areas:
  - Policy for self-sustenance at macro and micro level of governance
  - Carbon footprint and Green initiatives Policy
  - Unified e-Content formulation, implementation and outreach Policy
  - Policy for reforms in Socio-Economic delivery mechanism
  - Modeling for Climate change and Weather prediction: Causes and Impact
  - Modeling for Crop prediction and associated studies
  - Modeling Studies: Use of modeling as a tool for providing real-time solutions in diverse areas ranging from drug delivery, medical profiling and genetic code generation studies, controlling traffic flows, analyzing and predicting stock market trends, etc.
- **Centre for Secondary Agriculture and Energy Harvesting:**
  - i. Aimed at adding value to crop residue, Center on Bioenergy and Biomaterials is proposed for developing technologies for production of alternate fuels and biomaterials.
  - ii. Energy harvesting is a new and rapidly developing concept, which strives to generate energy from everyday processes for powering low energy everyday requirements. The basic concept is to harness unproductive energy from various processes and convert it into electricity like rubbing, pressure, air friction, tidal energy, rotatory motion, body heat etc.
- **Center for Innovation, Skills, Entrepreneurship and Employment:** This center will be made into a dynamic hub to provide all solutions related to students employment. To encourage innovative thinking, incubate ideas, changing mindset and increase the employability of the students, there will be regular interactions between the academia and the industry under the aegis of this center. Special emphasis will be laid for developing soft skills of the students like communication, team building, leadership and domain skills. Tie-ups will be made with both public and private partners to provide vocational and entrepreneurial training to the students for setting up their own Micro, Small, Medium Enterprises (MSME's) apart from regularly organizing placement drives. Courses to be offered under the scheme of *Deen Dayal Upadhyay Kaushal Kendra* and Incubation Centre for Skills (in collaboration with NSIC) shall be instrumental in achieving these objectives. In the ever-changing realm of education there is an increasing need to start vocational courses which directly cater to skills and vocations which do not form part of standard undergraduate and postgraduate courses.

- **Instrumentation and Analytical Techniques:** Instrumentation is a rapidly growing field in India. There is huge potential in this field as India gears up to provide quality and cost effective alternatives to expensive imported instrumentation that is currently available in the market. Analytical Techniques and their applications cover a wide spectrum of disciplines ranging from Life Sciences, Physical Sciences and Material Sciences providing cutting edge solutions particularly in research areas.
- **Courses on Diagnostics:** Diagnostic techniques require the user/learner to have a broad based knowledge, which is inter-disciplinary and multi-disciplinary in nature. The courses on diagnostics will seek to bridge the gap between the knowledge and skills required and those available in the existing courses by offering a course dealing with all the aspects of Diagnostics.
- **New courses for Media Studies, Technical Writing and Editing:** The realm of Media Studies is ever expanding as new and innovative forms of engagement with the public take shape. Existing Media studies courses in audio, visual, electronic and print media and multimedia are mostly conducted by private institutes at prohibitive costs. These courses will try to provide such knowledge and skills at affordable cost and also aim to explore relatively niche fields of technical writing, editing and multimedia in Science and Technology.
- **Centre for Culture and Heritage:** University proposes to introduce the Centre for Culture and Heritage to facilitate the studies and researches in the field of Culture Studies, Indigenous Studies and studies on Indigenous Arts, Culture and Heritage. Besides, this centre will be dedicated to preserving folk arts, music and literature.

### ***III. Self-sustaining and Miscellaneous Initiatives:***

- ***Developing Crucibles of Learning and Development:*** Motivating staff and students to develop models, experiments, technologies to catalyze local/regional/national growth and development in association with local industry/trade/handicrafts/vocations.
- ***Solid Waste Management:*** Initiatives for solid waste management will be undertaken so that the University becomes a zero-waste University. Options will be explored for utilizing the waste to create energy and other productive materials.
- ***E-Waste management:*** E-waste is increasingly becoming an environmental disaster and processes will be put in place to recycle and effectively dispose the e-waste that is generated by the University.
- ***Energy generation:*** Setting up of solar street lamps, solar panels on University building's rooftops and designing of new buildings on the concept of zero-energy/green buildings.
- ***Water harvesting:*** A feasibility study will be conducted to implement water harvesting so that University is able to meet at-least part equipment of water from its own sources.
- ***Sports Academy:*** Since the University has ample land available with it, hence part of that land will be utilized in setting up a sports academy for creating world-class infrastructure for students. This facility will also be leased out/ memberships provided so that the

academy also earns revenue for the University. Moreover, special emphasis will be given to establishing sports facility for disabled persons.

- **Organic Farming:** Keeping in mind the vast expanse of land available with the University, an organic farm has been set up and the produce may be sold at the local/regional markets to earn some revenue for the University. Moreover, it could be used for training the students and for demonstration purpose for the local population.
- **Solar Power Plant:** University proposes to establish solar power generation plant as a sustainable means to generate eco-friendly and cost-effective energy.

#### **IV. Possible challenges and proposed steps to overcome the roadblocks:**

- For setting up of University Development Corpus Fund, the Acts and Statutes of University will have to be studied carefully to avoid any deviations. The office of the Registrar, Finance Officer and Legal Advisor will be tasked to formulate the policies, guidelines and rules and regulations in accordance with the Acts and Statutes of the University and the rules for financial transaction of Government of India.
- Identification of areas of affirmative action will be a challenge, as this would involve collecting information from all components of the University with all possible suggestions for such areas. Setting up of an empowered committee to execute this entire plan, roadblocks are being removed at the earliest.
- Providing appropriate directions to the departments/centers regarding research funding and funding agencies. The University leadership will use its long-standing experience in handling various research projects granted from different funding agencies under different Departments of the Government of India to ensure that funding is made available to these centers. Further, the Vice Chancellor will make efforts to bring experts and people of eminence in their respective fields to head/advise the existing Departments and new Departments and Centers for providing proper direction and futuristic development of University.
- Sometimes, the handicap with public Universities is that though they have the best talent but due to lack of proper advertising and publicity they do not attract best candidates with sound academic profiles.
- Some funds will be set aside for proper visibility and special funds will be created for imparting vocational and entrepreneurial training at a nominal cost. Sponsorships will be sought for conducting placement drives smoothly.
- On infrastructural front, University has started the construction work of the second phase and the work on academic blocks, staff quarters and administrative block is in full swing. Development of Central Library, Students Activity Centre and Guest Houses are to be taken up on priority basis



# PART-I INSTITUTIONAL DATA



# PROFILE OF THE UNIVERSITY

## 1. Name and Address of the University:

Name	CENTRAL UNIVERSITY OF HARYANA
Address	JANT-PALI VILLAGES
City	MAHENDRAGARH
PIN	123029
State	HARYANA
Website	<a href="http://www.cuh.ac.in">www.cuh.ac.in</a>

## 2. For Communication:

Designation	Name	Telephone with STD Code	Mobile	Fax	E-mail
Vice Chancellor	Prof. R.C. Kuhad	01285-249333	9871509870	01285-249402	<a href="mailto:vc@cuh.ac.in">vc@cuh.ac.in</a>
Registrar	Sh. Ram Dutt	01285-249401	8222001888	01285-249402	<a href="mailto:registrar@cuh.ac.in">registrar@cuh.ac.in</a>
Steering Committee/IQAC Coordinator	Prof. Ashish Dahiya		8222985555		<a href="mailto:ashish@cuh.ac.in">ashish@cuh.ac.in</a>

## 3. Status of the University:

State University:	
State Private University:	
Central University	√
University under Section 3 of UGC (Deemed University)	
Institution of National Importance	
Any other (please specify):	

## 4. Type of University:

Unitary	√
Affiliating	

## 5. Source of Funding:

Central Government	√
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**6. Date of Establishment of the University:**

**a. University was established on 20/03/2009 vide Central Universities Act 2009 (No. 25 of 2009)**

**b. Prior to the establishment of the University, was it a/an**

**i. PG Centre** Yes  No

**ii. Affiliated College** Yes  No

**iii. Constituent College** Yes  No

**iv. Autonomous College** Yes  No

**v. Any Other (Please Specify)** N.A.

**If yes, give the date of establishment:** N.A.

**7. Date of Recognition as a University by UGC or any other National Agency:**

Sr. No.	Under Section	Date	Month	Year	Remarks
i.	2f of UGC*	20	03	2009	Vide ref. no. F.65-6/2012 (CU) dated 14 <sup>th</sup> Oct. 2014, UGC has clarified that the Central Universities established under <b>Central Universities Act 2009</b> need not apply separately for recognition u/s 2 (f) and 12 (B) of UGC. <b>(Copy annexed)</b>
ii.	12B of UGC *	20	03	2009	
iii.	3 of UGC #				
iv.	Any other \$ (specify)				

\* Enclose certificate of recognition: **(Enclosed as Appendix-I)**

# Enclose notification of MHRD and UGC for all courses/programmes/campus/campuses: **(Enclosed as Appendix-II)**

\$ Enclose certificate of recognition by any other national agency/agencies, if any.

**8. Has the University been Recognized:**

**a. By UGC as a University with Potential for Excellence?**

Yes  No

If yes, date of recognition: N.A.

**b. For its performance by any other governmental agency?**

Yes  No

If yes, Name of the agency: N.A.

Date of recognition: N.A.

**9. Does the University have off-campus centres?**

Yes  No

**10. Does the University have off-shore campuses?**

Yes  No

**11. Location of the Campus and Area:**

Campus	Location	Campus area in Acres	Built up area in sq. Mts.
Main Campus Area	Jant-Pali Villages, Mahendragarh, <b>(Rural)</b>	488	14 Acres
Other Campuses in the country	Transit Campus at DLF, Phase-3, Gurgaon <b>(Urban)</b>	Transit Campus runs from Govt. Primary School building provided by Haryana Urban Development Authority, Haryana for temporary use only.	
Campuses abroad	N.A.	N.A.	N.A.

(\* Urban, Semi-Urban, Rural, Tribal, Hilly Area, Any other (please specify))

If the University has more than one campus, it may submit a consolidated self-study report reflecting the activities of all the campuses.

**12. Provide information on the following: In case of Multi-campus University, please provide Campus-wise Information.**

**I. Permanent Campus:**

**a. Auditorium/seminar complex with infrastructural facilities:**

**b. Sports facilities**

- Playground
- Swimming pool
- Gymnasium
- Any other (please specify)

**c. Hostel**

**i. Boys Hostel:**

- Number of Hostels: 01
- Number of Inmates: **198**

**Boys Hostel has got following facilities:**

- Mess
- Gymnasium
- Reading Room
- Guest Rooms
- Recreation Room
- Wi-Fi facility
- Laundry
- Solar Geysers
- Health Centre with full time nursing and Doctor on call facility, etc.

**ii. Girls hostel**

- Number of Hostels: 01
- Number of Inmates: 200

**Girls Hostel has got following facilities:**

- Mess
- Gymnasium
- Reading Room
- Guest Rooms,
- Recreation Room
- Wi-Fi facility
- Laundry
- Solar Geysers
- Health Centre with full time nursing and Doctor on call facility, etc.

**iii. Working Women's Hostel: NIL**

- Number of Hostels
- Number of Inmates
- Facilities

**iv. Residential Facilities for Faculty and Non-teaching:**

**v. Cafeteria:**

**vi. Health Centre: Nature of facilities available – inpatient, outpatient, ambulance, emergency care facility, etc.**

The University health centre has full time nursing and doctor on call facilities with basic infrastructure available for providing medical aid. Transportation is provided on need basis.



**vii. Facilities like banking, post office, book shops, etc.**

The Banking Facility is provided by Punjab National Bank while other upcoming facilities include Post office, stationery shop, grocery store, Xerox/printing shop etc. Presently, Xerox and printing facility is provided by University Library on nominal charges—50/- paisa per copy.

**viii. Transport facilities to cater to the needs of the students and staff:**

**ix. Facilities for persons with disabilities:**

There are ramps, provision of electric wheelchair and special rooms for persons with disabilities.

**x. Animal house: No**

**xi. Incinerator for laboratories: Yes**

**xii. Power house:**

**xiii. Waste management facility**

**13. Number of Institutions Affiliated to the University: N.A.**

University is unitary in nature and, therefore, there are no colleges affiliated to the University.

**14. Does the University Act provide for conferment of autonomy (as recognized by the UGC) to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University?: N.A.**

**15. Furnish the following Information:**

<i>Particulars</i>	<i>Number</i>	<i>Number of Students</i>
<i>a. University Departments (List of the departments is as given under)</i>	<i>25</i>	
<i>Undergraduate</i>	<i>NIL</i>	
<i>Post graduate</i>	<i>25 PG Programmes</i>	<i>901</i>
<i>Research centres on the campus</i>	<i>11 Departments are running M.Phil/Ph.D Research Programmes</i>	<i>179</i>
<i>b. Constituent colleges</i>	<i>NA</i>	<i>NA</i>
<i>c. Affiliated colleges</i>	<i>NA</i>	<i>NA</i>
<i>d. Colleges under 2(f)</i>	<i>NA</i>	<i>NA</i>
<i>e. Colleges under 2(f) and 12B</i>	<i>NA</i>	<i>NA</i>
<i>f. NAAC accredited colleges</i>	<i>NA</i>	<i>NA</i>

g. <i>Colleges with Potential for Excellence (UGC)</i>	NA	NA
h. <i>Autonomous colleges</i>	NA	NA
i. <i>Colleges with Postgraduate Departments</i>	NA	NA
j. <i>Colleges with Research Departments</i>	NA	NA
k. <i>University recognized Research Institutes/Centres</i>	NA	NA

**List of University Departments as on 20<sup>th</sup> Oct. 2015:**

**As approved by Statutory Bodies, the following Departments are functional in the Central University of Haryana during the session 2015-16:**

- |   |   |
|---|---|
| 1. Department of Chemistry                                    | 12. Department of Law                             |
| 2. Department of Commerce                                     | 13. Department of Library and Information Science |
| 3. Department of Computer Sciences and Information Technology | 14. Department of Management Studies              |
| 4. Department of Economics                                    | 15. Department of Mathematics                     |
| 5. Department of Education                                    | 16. Department of Physics                         |
| 6. Department of English and Foreign Languages                | 17. Department of Political Science               |
| 7. Department of Environmental Sciences                       | 18. Department of Psychology                      |
| 8. Department of Geography                                    | 19. Department of Sociology                       |
| 9. Department of Hindi and Indian Languages                   | 20. Department of Statistics                      |
| 10. Department of History and Archeology                      | 21. Department of Microbiology                    |
| 11. Department of Journalism, Media and Mass Communication    | 22. Department of Biochemistry                    |
|   | 23. Department of Nutrition Biology               |
|   | 24. Department of Biotechnology                   |
|   | 25. Department of Tourism & Hotel Management      |

**16. Does the University conform to the specification of Degrees as enlisted by the UGC?**

Yes  No

If the University uses any other nomenclatures, please specify. N.A.

**17. Academic programmes offered by the University departments at present, under the following categories: (Enclose the list of academic programmes offered)**

Programmes	Number
UG	00
PG	25
Integrated Masters	00
M.Phil. (English, Hindi, Education, Pol. Science & Economics)	05
Ph.D. (English, Hindi, Education, Political Science, Economics, Management Studies, Microbiology,	11

Biochemistry, Nutrition Biology, Biotechnology, Tourism & Hotel Management)	
Integrated Ph.D. ( <b>Discontinued</b> )	00
Certificate	00
Diploma	00
PG Diploma	01
Any other (please specify)	00
<b>Total</b>	<b>42</b>

**List of academic programmes offered:**

**Post-Graduate Programmes (through CUCET)**

- a) Master of Arts (Economics)
- b) Master of Arts (Education)
- c) Master of Arts (English)
- d) Master of Arts (Hindi)
- e) Master of Arts (History)
- f) Master of Arts (Political Science)
- g) Master of Arts (Psychology)
- h) Master of Arts (Sociology)
- i) Master of Business Administration (MBA)
- j) Master of Commerce (M.Com)
- k) Master of Computer Applications (M.C.A.)
- l) Master of Journalism and Mass Communication (MJMC)
- m) Master of Law (LL.M)
- n) Master of Library & Information Science
- o) Master of Science (Environment Science)
- p) Master of Science (Geography)
- q) Master of Science (Chemistry)
- r) Master of Science (Physics)
- s) Master of Science (Maths)
- t) Master of Science in Statistics (M.Sc. Statistics)

**Post-Graduate Programmes (Admission on the basis of marks in qualifying examination and not through CUCET)**

- a) Master of Science (Microbiology)
- b) Master of Science (Biochemistry)
- c) Master of Science (Nutrition Biology)
- d) Master of Science (Biotechnology)
- e) Master of Hotel Management & Catering Technology (MHMCT)

**P.G. Diploma Course:** University has issued the notification for admission to PG Diploma Course in Cooperative Management, a One-Year Programme in collaboration with National Cooperative Union of India.

**Research Programmes (RP)—Admission on the basis of CUCET and interview/presentation):**

**M.Phil. Programmes:** Economics, Education, English, Hindi, Political Science

**Ph.D. Programmes:** Economics, Education, English, Hindi, Management, Pol. Science, Microbiology, Biochemistry, Nutrition Biology, Biotechnology, Tourism & Hotel Management.

**Ph.D. Programmes (Admission on the basis of M.Phil./NET/JRF etc. and interview/presentation, not through CUCET):** Following departments offer admission to Ph.D. programmes on the basis of M.Phil./NET/JRF etc. and interview/presentation, not through CUCET:

Microbiology, Biochemistry, Nutrition Biology, Biotechnology, Tourism & Hotel Management.

University authorities have approved the proposal to introduce Ph.D. in Physics from the next academic session.

18. **Number of working days during the last academic year.** 181

19. **Number of teaching days during the past four academic years.**

Session	2011-12	2012-13	2013-14	2014-15
Teaching Days	189	182	180	181

(‘Teaching days’ means days on which classes were engaged. Examination days are not to be included.)

20. **Does the University have a department of Teacher Education?** No

A proposal for setting up the department is submitted to UGC and in most likelihood, University will start B.Ed and M.Ed programmes from the next academic session.

21. **Does the University have a teaching department of Physical Education?:** No

i. Is the department opting for assessment and accreditation separately?

22. **In the case of Private and Deemed Universities, please indicate whether professional programmes are being offered?** N.A.

23. **Has the University been reviewed by any Regulatory Authority? If so, furnish a copy of the report and action taken there upon:** N.A.

**24. Number of positions in the University:**

Positions	Teaching faculty			Non-Teaching Staff	Technical Staff
	Professor	Associate Professor	Assistant Professor		
Sanctioned by the UGC / University /State Government	25	50	100	104	---
<i>Recruited</i>	00	03	27	29	
<i>Yet to Recruit</i>	25	47	73	75	
Number of persons working on contract	01	01	39	26	

**25. Qualifications of the Teaching Staff**

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
<b>Permanent Teachers</b>							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	02	01	12	07	22
M.Phil.	-	-	01	-	06	06	13
PG	-	-	02	01	15	12	30
<b>Temporary teachers</b>							
Ph.D.	01	-	01	-	23	10	-
M.Phil.	-	-	-	-	10	02	-
PG	01	-	01	-	25	04	-
<b>Part-time teachers/Deputation</b>							
Ph.D.	02	-	01	-	01	-	-
M.Phil.	-	-	-	-	01	-	-
PG	02	-	01	-	01	-	-

**26. Emeritus, Adjunct and Visiting Professors:**

Central University of Haryana has recently carved out the rules for empanelment of adjunct professors (Ordinance no. 10) to facilitate research and learning in University. University proposes to increase the faculty strength of departments in form of adjunct professors in near future.

	Emeritus	Adjunct	Visiting
<b>Number</b>	00	00	00

27. **Chairs instituted by the University:** NIL

	Chairs
School/ Department	University proposes to start Dr. APJ Abdul Kalam Chair in near future.

28. **Students enrolled in the University Departments during the Current Academic Year, with the following details:**

Students	UG		PG		Integrated Masters		M. Phil.		Ph.D.		Integrated Ph.D.		D.Litt./ D.Sc.		Certifi cate		Diploma		PG Diploma	
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
From the state where the University is located			124	114			12	09	25	39										
From other states of India			97	36			10	01	13	07										
NRI students																				
Foreign students																				
<b>Total</b>			221	150			31	10	38	46										

*\*M - Male      \*F – Female*

29. **‘Unit cost’ of education (Calculated on the basis of student strength of session 2014-15= 613 students)**

*(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)*

- Including the salary component = One Lakh Ninety Thousand and Six Hundred Rupees
- Excluding the salary component = Ninety Six Thousand and Three Hundred

30. **Academic Staff College:** N.A.

University has submitted the proposal for the establishment of UGC-Human Resource Development Centre (HRDC) to University Grants Commission.

- Year of establishment: .....
- Number of programmes conducted (with duration)
- UGC Orientation Course

- UGC Refresher Course
- University's own programmes

**31. Does the University offer Distance Education Programmes (DEP)?**

Yes  No

If yes, indicate the number of programmes offered.

Are they recognized by the Distance Education Council?

**32. Does the University have a provision for external registration of students?**

Yes, University has implemented Choice Based Credit System that provides horizontal and vertical mobility subject to equivalence of the courses, syllabi etc. by the Equivalence Committee of the University.

If yes, how many students avail of this provision annually?

So far, no student has availed the provision of external registration.

**33. Is the University applying for Accreditation or Re-Assessment? If Accreditation, name the cycle.**

**Accreditation :**                      Cycle 1       Cycle 2              Cycle 3              Cycle 4

**Re-Assessment:**

**34. Date of accreditation\* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)**  
N.A.

**35. Does the University provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the University.** N.A.

**36. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).**

**IQAC:** Internal Quality Assurance Cell of the University was constituted vide Notification No. CUH/2015/Estt.-1/473 dated 20-08-2015.

**AQAR:** IQAC shall submit Annual Quality Assurance Report (AQAR) within the specified time.

**37. Any other relevant data, the University would like to include (not exceeding one page).**



SPT 13 10230

उच्च शिक्षा विभाग, भारत सरकार  
 HIGHER EDUCATION DEPARTMENT, GOVT. OF INDIA



UNIVERSITY GRANTS COMMISSION  
 150, AURORE PALACE ROAD,  
 NEW DELHI - 110002

विश्वविद्यालय अनुदान आयोग  
 150, आशुतोष पालास रोड,  
 नई दिल्ली - 110002

All communications should be addressed to the Secretary by designation and full name.

**No.F.65-6/2012 (CU)**

**14<sup>th</sup> October, 2014**

The Director  
 National Assessment and Accreditation Council  
 P. O. Box No. 1075, Nagarbhavi  
 Bangalore - 560072, Karnataka, India

**14 OCT 2014**

**Sub: Clarification on requirement of 12B Certificate for applying the NAAC accreditation.**

Sir,

As you are aware, UGC (Mandatory Assessment and Accreditation of Higher Educational Institutions) Regulation, 2012, which under Clause 7.1 specifies that financial assistance by the UGC to Institutions of Higher Education shall be given only to those institutions which have undergone assessment and accreditation process stipulated under the Regulations. The matter was considered by the Commission in its 496<sup>th</sup> meeting held on 29<sup>th</sup> November, 2013 in which the Commission, after deliberating the matter decided that in the interest of survival and day-to-day functioning of Universities/Institutions dependent on UGC, funds may continue to be disbursed to such Universities/Institutions under the existing schemes. However, all such Universities/Institutions referred to in Regulation 4 of the aforesaid Regulations and received financial assistance from the UGC must apply to the recognized Accreditation Agency latest by 1<sup>st</sup> June, 2014; failure to do so may lead to discontinuation of financial assistance by the UGC to such Universities/Institutions from 1<sup>st</sup> April, 2015 onwards.

UGC is receiving requests from Central Universities for 12B Certificate for applying the NAAC accreditation. In this regard, it is to inform that as the Central Universities are created by the Act of Parliament, there is no separate process for inclusion of Central Universities under 12B. Central Universities are 100% funded by Govt. of India. Therefore, it is clarified that there is no need to furnish the copy of 12B Certificate for applying the NAAC accreditation by the Central Universities.

Yours faithfully,

*Sushma Rathore*  
 (Sushma Rathore)  
 Under Secretary

Copy to: Vice Chancellor, H.N.B. Garhwal University, Srinagar, Garhwal-246 174, Uttarakhand in reference to letter No.VC/2014/356 dated 01.10.2014.

*Sushma Rathore*  
 (Sushma Rathore)  
 Under Secretary



*ole*

डा. (मीमती) रेणु बत्रा  
Dr. (Mrs.) Renu Batra

संयुक्त सचिव  
Joint Secretary



दूरभाष PHONE कार्यालय OFF : 23238876

फैक्स FAX : 011-23232297

E-mail : renu@ugc.ac.in

विश्वविद्यालय अनुदान आयोग

बहादुर शाह ज़फर मार्ग,

नई दिल्ली-110 002 भारत

UNIVERSITY GRANTS COMMISSION

BAHADUR SHAH ZAFAR MARG

NEW DELHI-110 002 (INDIA)

D.O.No.F.24-36/2009(CU)

25th June, 2009

26 JUN 2009

Dear Prof. Sharma,

This has reference to discussion held in the meeting of Vice Chancellors of Central Universities on 27<sup>th</sup> – 28<sup>th</sup> May, 2009 regarding introduction of courses from this academic session. Based on the discussion held in the said meeting, I am directed to convey the approval of following academic programmes and teaching & non-teaching positions :-

I. Academic Programmes :

Sl. No.	Name of the Academic Programme
1	M.Phil./Ph.D. Programme in Economics
2	M.Phil./Ph.D. Programme in Political Science
3	M.Phil./Ph.D. Programme in English

II. Teaching Position : 18

Sl. No.	Name of the Academic Programme	Teaching Positions			
		Prof.	Assoc. Prof.	Asstt. Prof.	Total
1	M.Phil./Ph.D. Programme in Economics	1	2	3	6
2	M.Phil./Ph.D. Programme in Political Science	1	2	3	6
3	M.Phil./Ph.D. Programme in English	1	2	3	6
	<b>Total</b>	<b>3</b>	<b>6</b>	<b>9</b>	<b>18</b>

III. Non-Teaching Position : 25

Sl. No.	Name of the Post	Pay Band with Grade Pay		No. of posts	Remarks
		Pay Band	Grade Pay		
1	Registrar	37400-67000	10000	01	✓
2	Finance Officer	37400-67000	10000	01	✓
3	Controller of Examinations	37400-67000	10000	01	✓
4	Deputy Registrar	15600-39100	7600	01	✓
5	Assistant Registrar	15600-39100	5400	01	✓
6	Section Officer	9300-34800	4200	02	✓
7	Assistant	9300-34800	4200	02	✓

V. Talreja PR

डा. (श्रीमती) रेणु बत्रा  
Dr. (Mrs.) Renu Batra

संयुक्त सचिव  
Joint Secretary



दूरभाष PHONE कार्यालय OFF 23238676

फैक्स FAX 011-23232297

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विश्वविद्यालय अनुदान आयोग

बहादुर शाह ज़फर मार्ग,

नई दिल्ली-110 002 भारत

UNIVERSITY GRANTS COMMISSION

BAHADUR SHAH ZAFAR MARG

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	Total	3	6	9	18

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2	Finance Officer	37400-67000	10000	01	
3	Controller of Examinations	37400-67000	10000	01	
4	Deputy Registrar	15600-39100	7600	01	
5	Assistant Registrar	15600-39100	5400	01	
6	Section Officer	9300-34800	4200	02	
7	Assistant	9300-34800	4200	02	

V. Talreja RR



Sl. No.	Name of the Post	Pay Band with Grade Pay		No. of posts	Remarks
		Pay Band	Grade Pay		
8.	UDC	5200-20200	2400	02	
9.	LDC	5200-20200	1900	02	
10.	Private Secretary to V.C.	9300-34800	4200	01	
11.	Personal Assistant	9300-34800	4200	01	
12.	Assistant Librarian	15600-39100	6000 (AGP)	01	
13.	Jr. Prof. Assistant	5200-20200	2800	01	
14.	Library Attendant	5200-20200	1800	02	
15.	Driver	5200-20200	1900	02	
16.	Other Staff for cleaning office, gardening, security, mess etc.			04	on contractual basis
	<b>Total</b>			<b>25</b>	

The abovementioned approval is subject to the following -

- (i) The approval of UGC for introduction of programmes of study is in principle. Once the executive/administrative bodies i.e. Board of Studies, Academic Council, Executive Council etc. as provided in the Act/Bill are constituted, the approval of the academic courses may be placed before these bodies for ratification.
- (ii) The XI Plan reforms agenda for higher & technical education which include admissions, semester system, curriculum reform, promotion of science education and research, examination system, fee structure, assessment, accreditation, ratings, teachers' competence/motivation, autonomy/ transparency / accountability in institutions etc. may be implemented while establishing and running the proposed activities.
- (iii) A built-in system/component for repair and maintenance of equipment in the Science Departments to obviate under utilization/ unutilisation of the laboratory facilities due to absence of provision and facilities for repairs and maintenance.
- (iv) Construction activities taken up should be according to CPWD rates. A Project Steering Committee should be formed to ensure that the quality of construction is as per the norms. Clear timelines need to be specified in advance and adhered to, to avoid time and cost over-runs. Transparent processes should be followed for procurement of equipment, as per guidelines.
- (v) The Courses may be started at the temporary campus as indicated in the Site Selection Committee Report.
- (vi) UGC XI Plan General Development Guidelines in respect of construction work needs to be followed.
- (vii) Services like cleanliness, security, hostel/guest house/Mess, Transport, Horticulture etc. may be outsourced through the registered agencies in their districts/states. Further, rules as per the Government of India are to be followed in this regard.
- (viii) Sanctioned posts are to be filled up in phase manner.

V. Tabeja BB

University may follow strictly the Government of India/UGC's guidelines regarding implementation of the reservation policy [both vertical (for SCs, STs & OBCs) and horizontal (for persons with disability etc.)] in teaching / non-teaching posts and also in admissions.

As per procedure laid down by the Commission as intimated by UGC to all Central Universities vide UGC letter No.F.17-1/2002(CU) dated 28<sup>th</sup> April, 2005 (copy enclosed) the building grants are required to be duly scrutinized by the Building & Works Committee of the University with technical experts on it. Then the proposals in the format given in the Annexure are to be placed for approval in the respective Finance Committees having representative of the UGC and the Ministry of HRD on it. Whereas, it is not feasible to obtain prior approval of Finance Committee, the same may be reported to the Finance Committee in its next meeting for ratification.

With regard to budget allocation for other heads etc. same would be conveyed on receipt of separate budget for new Central Universities from MHRD. In the meantime, you are requested to utilize the grant available with you to meet out the day to day urgent requirements and sent the utilization certificate as per GFR 19-A (copy enclosed) alongwith the statement of expenditure (item-wise).

With regards,

Yours sincerely,

*R. Balu*  
(Renu Batra)

Prof. Mool Chand Sharma  
Vice Chancellor  
Central University of Haryana  
Govt. College, Sector-14,  
Mehrauli Road, Gurgaon

*V. Talreja*



(श्रीमती) रेणु बत्रा  
Dr. (Mrs.) Renu Batra

संयुक्त सचिव  
Joint Secretary



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विश्वविद्यालय अनुदान आयोग

बहादुर शाह ज़फर मार्ग,

नई दिल्ली-110 002 भारत

UNIVERSITY GRANTS COMMISSION

BAHADUR SHAH ZAFAR MARG

NEW DELHI-110 002 (INDIA)

F.No.57-2/09(CU)

April 2010

**Prof. Mool Chand Sharma**  
Vice Chancellor  
Central University of Haryana  
Temp. Office : Govt. B.Ed. College Building  
Narnaul, Distt. Mahendra garh  
(Haryana).

**Subject : Approval for Action Plan 2010-2011 – regarding.**

Sir,

With reference to your proposal submitted vide letter no.CUH/UC/2010/99 dated 29<sup>th</sup> January 2010 and the discussions held with you in UGC on 26<sup>th</sup> February, 2010, I am directed to convey the approval for following academic programmes and teaching positions for the year 2010-2011 :-

S.No	Details of academic programme	No. of sanctioned teaching posts			
		Asstt. Prof.	Assoc. Prof.	Prof.	Total
1.	M.B.A.	03	02	01	06
2.	LLM	03	02	01	06
3.	MA(Economics)	03	02	01	06
4.	MA(Education)	03	02	01	06
				Total	24

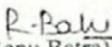
1. The above administrative approval given by the UGC is only in principle. However, the programmes may be introduced by the University only after obtaining the appropriate approvals of the concerned statutory bodies of the University.
2. The University may strictly comply with the Government of India's / UGC' guidelines regarding implementation of the reservation policy (both vertical (for SC/ST/OBCs) and horizontal (for persons with disability etc.) in teaching / non-teaching posts and also in admissions.

Contd..2/

3. Approval for the non-teaching posts will be conveyed in due course of time.
4. The University may ensure optimum teacher-student ratio for running the approved academic programmes.
5. The nomenclature of the academic courses / degree programmes should be in accordance with the degrees specified by the UGC.
6. The UGC website [www.ugc.ac.in](http://www.ugc.ac.in) may be browsed regularly and all Regulations / instructions/ procedures relating to various academic / administrative issues may be followed.

The Annual Allocation for the financial year 2010-2011 would be conveyed to the University shortly. The University may meet the expenditure from out of the balance amount available with them and send the Utilization Certificates in GFR 19-A format along-with item-wise statements of expenditure on quarterly basis to ensure steady flow of funds.

Yours faithfully,

  
(Renu Batra)  
Joint Secretary





हरियाणा केन्द्रीय विश्वविद्यालय  
(महेन्द्रगढ़)

**CENTRAL UNIVERSITY OF HARYANA**  
(Mahendergarh)

(संसद अधिनियम 25 (2009) के तहत स्थापित)  
(Established vide Act No. 25 (2009) of Parliament)

गांव - जाट-पाली, पोस्ट - पाली, जिला - महेन्द्रगढ़ - 123 029 (हरियाणा) फोन: 01285-240090  
Villages - Jant - Pali, Post - Pali, Distt.- Mahendergarh -123029 (Haryana) Ph.: 01285-240090

CUH/2015/44N/532

दिनांक / Dated: 23/7/15

The Secretary  
University Grants Commission  
Bahadur Shah Zafar Marg  
New Delhi-110 002

**Sub : Approval of Teaching posts for XII Plan period for Central Universities – Central University of Haryana.**

Dear Sir,

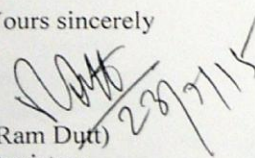
Please refer to your letter No. F.1-1/2013 (CU) dated 5<sup>th</sup> February 2014. (Copy enclosed).

This is to inform you that the competent authority of this University (Academic Council and Executive Council) have decided to start the following five Departments in this University in addition to the 20 Departments already sanctioned under the 11<sup>th</sup> Plan for the Academic Session 2015-16.

1. Department of Biotechnology
2. Department of Biochemistry
3. Department of Microbiology
4. Department of Nutrition Biology
5. Department of Tourism and Hotel Management

Thanking you,

Yours sincerely

  
(Ram Dutt)  
Registrar

अस्थायी कैम्पस/ट्रांजिट ऑफिस: 3113, मकान नं. टी.-25/8 के सामने, डीएलएफ-III, गुडगाँव-122010, हरियाणा, टेलिफोन: 0124-2350283, 250284  
Temporary Camp/Transit Office: 3113, DLF Phase III, Opp. H. No. T-25/8, Gurgaon - 122 010 Tel: 0124-2350283, 2350284

वेबसाइट (Website): [www.cuharyana.org](http://www.cuharyana.org)





# हरियाणा केन्द्रीय विश्वविद्यालय (महेन्द्रगढ़)

## CENTRAL UNIVERSITY OF HARYANA (Mahendergarh)

(संसद अधिनियम 25 (2009) के तहत स्थापित)  
\* (Established vide Act No. 25 (2009) of Parliament)

गांव - जाट-पाली, पोस्ट - पाली, जिला - महेन्द्रगढ़ - 123 029 (हरियाणा) फोन: 01285-240090  
Villages - Jant - Pali, Post - Pali, Distt.- Mahendergarh -123029 (Haryana) Ph.: 01285-240090  
वेबसाइट (Website): www.cuharyana.

No. CUH/2015/Estt. Sec/468

दिनांक / Dated: 17/8/15.....

To

Secretary,  
University Grants Commission,  
Bahadur Shah Zafar Marg,  
New Delhi-110002.

**Subject: Sanction of non-teaching staff for the newly established Central University of Haryana.**

Dear Sir,

As per the criteria approved by the University Grants Commission (UGC), the Central University of Haryana (CUH) has not yet received the sanction of the UGC for creation of the following positions:

1. Estate Officer (1 post) in the Pay Band-II with Grade Pay Rs. 4600/-
2. Under-mentioned posts in each of the following departments:

S.No.	Name of the Department	Details of posts required
1	Department of Chemistry	1. Sr. Tech. Assistant (one) Pay Band 9300-34800 Grade Pay 4200
2	Department of Physics	
3	Department of Mathematics	
4	Department of Environmental Sciences	2. Technical Assistant (one) Pay Band 5200-20200 Grade Pay 2800
5	Department of Bio-Technology	
6	Department of Micro-Biology	
7	Department of Nutrition Biology	3. Laboratory Assistant (two) Pay Band 5200-20200 Grade Pay 2000
8	Department of Bio-Chemistry	
9	Department of Computer Science	
10	Department of Geography	4. Laboratory Attendant (two) Pay Band 5200-20200 Grade Pay 1800
11	Department of Journalism and Mass Communication	
12	Department of Psychology	
13	Department of Tourism & Hotel Management	

3. Following posts in the Department of History & Archaeology
  - i) Sr. Tech. Assistant (one) Pay Band 9300-34800 Grade Pay 4200
  - ii) Technical Assistant (one) Pay Band 5200-20200 Grade Pay 2800
  - iii) Museum Attendant (two) Pay Band 5200-20200 Grade Pay 1800

You are requested to kindly accord your approval for creation of the above posts in the CUH so that the academic and other activities of the University run smoothly.

Thanking you,

Yours faithfully,

(Ram Dutt)  
Registrar

डॉ. अर्चना ठाकुर  
उप  
सचिव

Dr. Archana Thakur  
Deputy Secretary



**SPEED POST**

विश्वविद्यालय अनुदान आयोग

बहादुर शाह ज़फर मार्ग,  
नई दिल्ली-110 002, भारत

**UNIVERSITY GRANTS COMMISSION**

BAHADUR SHAH ZAFAR MARG,  
NEW DELHI-110 002 (INDIA)

दूरभाष PHONE : (011) 23236977

टेलीफैक्स TELEFAX : (011) 23236977

E-mail : archana.ugc@nic.in

5<sup>th</sup> February, 2014

No.F.1-1/2013 (CU)

5 FEB 2014

The Vice-Chancellor  
Central University of Haryana  
Jant-Pali Villages  
Mahendergarh  
Haryana - 123029

Sub: **Approval of Teaching posts for XII Plan period for Central Universities – Central University of Haryana.**

Sir,

With reference to your office letter No.CUH/2014/Estt. Sec/529 dated 01.01.2014, the undersigned is directed to convey the **approval of UGC to start 5 (Five) departments during the XII Plan in addition to 20 (Twenty) departments already sanctioned during XI Plan. Accordingly, 35 teaching positions has been approved (1 Professor, 2 Associate Professor and 4 Assistant Professor) for each department.**

The **new departments may be identified by the University with the approval of the statutory bodies i.e. Executive Council / Academic Council, under intimation to the UGC.**

Yours faithfully,

(Archana Thakur)  
Deputy Secretary

Diary 328  
CUH/VCS/  
Date 10-2-2014

Diary No. 364 P.W. in EC  
Date: 14.2.14  
Registrar Office  
Keerj.



# **CRITERION I**

## **CURRICULAR ASPECTS**

# CRITERION I: CURRICULAR ASPECTS

## 1.1. Curriculum Design and Development

Central University of Haryana got established under the Central Universities Act 2009. The University is funded and regulated by the University Grants Commission (UGC) and Ministry of Human Resource Development, Government of India. The territorial jurisdiction extends to the whole state of Haryana.

### 1.1.1. How is the institutional vision and mission reflected in the academic programmes of the University?

The Vision and Mission Statement of the University are as follows:

#### **Vision**

To develop enlightened citizenship for a knowledge based society for peace and prosperity of individuals, nation and the larger world through promotion of innovation, creative endeavours and scholarly inquiry.

#### **Mission**

- To provide learning environment for the growth and development of students and faculty, the University System will contribute to the educational cultural, economic, and social advancement of India by providing quality education through innovative programmes; by pursuing cutting edge research, scholarly inquiry, and creative endeavours. The University shall strive to create a learning ambience with diverse cultural backgrounds and enhance student's acquisition of useful knowledge, communication skills, and analytical abilities through innovative teaching and a holistic learning environment.
- To facilitate cutting- edge research in traditional disciplines and new/emerging areas at the frontiers of knowledge;
- To focus on relevance and quality in each area/discipline;
- To be a global brand in the education and research sectors;
- To provide international linkages for contextual and cultural learning for both faculty and students;
- To involve various stakeholders including Government, Industry, Community, etc. in providing relevant and quality education and learning environment on campus;
- To constantly review and update the curriculum to include new knowledge and society focus;
- To establish partnership with national and international institutions;
- To encourage and accomplish interdisciplinary approach in teaching and research areas;
- To create and maintain the highest level of integrity, ethics and values on campus and ensure zero tolerance for lack of these core constituents;
- To progressively expand the current academic and research areas into diversified focus areas and to ensure implementation in phases; and
- To encourage creativity and innovation in every discipline;

The broad vision of the Central University of Haryana for developing enlightened citizenship to maintain peace and prosperity in the society is reflected in the introduction of Social Science programmes at the time of inception. In the initial years, the University started courses in Literature, Political Science, Economics and other Social Science programmes and this was done keeping in view the importance of Social Sciences as an era in which it is neglected at

the cost of Science, Technology, Engineering and Medicine (STEM) programmes. This step taken by the University is an applaudable step as the Social Sciences play a vital role in social, political and economic development of the nation.

On the lines of the mission to be a global brand in the education and research sectors, the University has prepared a road map for the future which includes application of Choice Based Credit System (CBCS) to transform education system for creating exciting opportunities; starting **Centre for Academic Auditing** for evaluation of all academic, research and associated activities of different Departments and Centres of the University; starting **Technology Stock Exchange** to transform research in terms of revenue are in being proposed. **Centre for Secondary Agriculture and Energy Harvesting, Centre for Social Outreach and Management; Centre for Innovation, Skill Entrepreneurship and Employment**, which is working in the form of separate cells, such as The Opportunity Creation and Placement Cell, Skill Development & Capacity Building Cell and Innovation Club, strived hard for the vision of encouraging innovative thinking, incubation of ideas and increasing the employability of students and will work towards this in future.

The other innovative steps include establishing of **Instrumentation and Analytical Techniques** which will work towards providing solutions in research areas of Sciences, **Courses on Diagnostics** to promote interdisciplinary and multidisciplinary knowledge and bridge the gap between knowledge and skills in the existing courses and **Centre for Culture and Heritage** shall be dedicated to preserve folk arts, music and literatures.

Various cells and clubs functioning in the University also contribute in achieving the mission of being the global brand in the education and research sectors. The Intellectual Property Right Cell, Youth Red Cross, Centre for Community Development, Unnat Bharat Abhiyan Cell, Group for Promotion of Art, Culture and Heritage, Centre for Innovation, Skills and Entrepreneurship, Internal Quality Assurance Cell and Quality Management Cell for Skills & Proficiency Building and Opportunity Creation are actively pursuing the desired objectives to enable the University to realise the Vision and Mission.

Besides serving the role of creating global brand, the cells also seek to attain other aspects of the vision. In order to create peace and harmony in the society and to serve the ultimate cause of education, a few centres have been created, such as the Group for Promotion of Art, Culture and Heritage, Women Empowerment Cell, etc., which through their social outreach programmes connect education to the society. These centres work towards promoting inclusive growth of the society.

The University has focussed on inter and multidisciplinary research. The aim of inter and multidisciplinary research, creativity and innovation in all disciplines is strengthened by focussing on conducting research on areas involving multi dimensions such as social, political, legal, economic, environmental and psychological by all disciplines. Efforts have been made in this direction such as conducting national seminar and workshop on Women Empowerment in 2013. The spirit of multidisciplinary research was promoted in the seminar by encouraging the students and faculty members to present research papers which requires understanding of various disciplines.

The vision of interdisciplinary approach is further being fulfilled by making it mandatory for the students to earn six credits from other departments. Starting from academic session 2015-16, the vision of Interdisciplinary approach is being further strengthened by adopting CBCS. Under the CBCS, Generic Elective Courses are being offered to the students of other departments and the students have to earn a minimum of six credits from these courses.

The Central University of Haryana is a pioneer in the field of implementing CBCS among all the new Central Universities. It launched CBCS at the post-graduation level without realising any model curriculum offered by the UGC. The University, since its inception, has adopted the interdisciplinary approach in its curriculum as it was compulsory for the students to earn 6 credits from other departments. This is an innovative approach of the University in its curriculum development.

From the academic session 2015-16, the University has started B.Voc. programmes under the scheme of '*Deen Dayal Upadhyay Kaushal Kendra*' to prepare skilled youth after 10+2 level who can contribute to the national development. Many departments are offering courses for personal and professional enrichment which includes courses on communication skills, retail, personal selling and salesmanship which are being offered by departments of Management Studies, Tourism and Hotel Management,,and English. The Career Counselling, Training and Placement Cell also conducts classes for personality development of students as well as for the inculcation of value and soft skill development such as spoken English, public speaking, orientation for students and teachers.

The University is successfully offering Post Graduate degree in 25 programmes under nine schools and eleven departments are offering doctoral research programmes. The University is offering three courses under the scheme of B.Voc.which operates under the '*Deen Dayal Upadhyay Kaushal Kendra*'.

**1.1.2. Does the University follow a systematic process in the design and development of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).**

Yes, the University has adopted a systematic process for the design and development of the curriculum. The curriculum of each department has been designed by using the Delphi Technique in which experts from the different academic institutions, research bodies and faculty of various disciplines interact. The University has Board of Studies and School Board for each Department in which the curriculum is formulated, revised and updated keeping in view the latest developments and trends in the discipline on a regular basis. Subsequently, it is approved by the University Regulatory and Statutory Bodies i.e. Academic Council and Executive Council.

**1.1.3. How are the following aspects ensured through curriculum design and development?**

- **Employability**
- **Innovation**
- **Research**

Students' Employability is embedded in the curriculum, the generic skills interdigitate with the disciplinary content and skills, which leads to employability related learning. In addition to this, the Placement Cell offers the classes of personality development (focuses on the hard and soft skills) to orient the students towards enhancing their communication skills. Besides, different courses in various departments are formulated to train the students for usage of the latest research softwares, and to hone their skills in qualitative as well as quantitative research. University also provides Coaching classes for the students who are preparing for the UGC/CSIR-NET, SET and other public sector exams.

To encourage innovative thinking, incubate ideas, changing mind-set and increase the employability of the students, there is regular interactions between the academia and the industry. Self-study courses have also been offered by the various Departments which are



optional and non-credit in nature. These courses may take the form of a Dissertation/ Project work/ Practical training/ Field work/ Internship/ Seminar, etc. Hence, by amalgamation of theoretical, laboratory and field works, programme provides ample opportunities and training to students to realize their potential and to develop skills among them as per the needs of the changing society. By this way, curriculum helps to enhance employability of the students. There are various Courses, offered under the scheme of B.Voc., Community College, '*Deen Dayal Upadhyay Kaushal Kendra*' and Incubation Centre for Skills (in collaboration with the NSIC), which will be instrumental in achieving these objective of innovation. The University is working on a proposal for innovative pedagogies of learning, like Open Educational Resources (OERs), Massive Open Online Courses (MOOCs) and resources available under 'Creative Commons' license will be linked to provide vast pool of useful and supplementary material to the students, drawing from diverse disciplinarian backgrounds, as well as skill-oriented, with emphasis on hands-on learning and 'learn- as- you do'.

With respect to research, our present curriculum is based on the CBCS where the mandatory research dissertation is itself tuned in the curricula. The curriculum for the pre-Ph.D. students has been developed to acquaint the students with the various tools and methodologies. The multidisciplinary research which is the life of the University and fulfils the growing and changing needs of the society. In addition to this, the research output of the faculty members and research scholars reflects inter and multi-disciplinary nature of research which would be promoted and encouraged in the times to come also.

**1.1.4. To what extent does the University use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the University been instrumental in leading any curricular reform which has created a national impact?**

The University follows the regulation of UGC regulation and guidelines for developing /restructuring the curricula. The Central University of Haryana is the only Central University which offers the following courses:

1. M.Sc. (Nutrition Biology)
2. MHMC (Master of Hotel Management & Catering Technology)

Further the University has implemented the CBCS at the Post Graduate level which is probably the first in the country. It is a curriculum related reform which is expected to create a national impact.

**1.1.5. Does the University interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the University benefitted through interactions with the stakeholders?**

Yes, the University interacts with the industry, research bodies and civil society in the curriculum revision process. Particulars of Interaction/guidance received from experts are given in Table 1

**Table 1:** Particulars of Interaction/guidance received from experts who were consulted

<b>S.no</b>	<b>Department</b>	<b>Name of Institution/University from where experts were consulted</b>
1.	Economics	<ol style="list-style-type: none"><li>1. Jamia Millia Islamia, Delhi</li><li>2. Kurushetra University, Kurushetra</li><li>3. Maharshi Dayanand University, Rohtak</li><li>4. Tilka Manjhi Bhagalpur University, Bhagalpur</li></ol>
2.	Education	<ol style="list-style-type: none"><li>1. Indira Gandhi National Open University, New Delhi</li><li>2. Maharshi Dayanand University, Rohtak</li><li>3. NCERT, New Delhi</li><li>4. Jamia Millia Islamia, New Delhi</li></ol>
3.	History & Archeology	<ol style="list-style-type: none"><li>1. University of Delhi, Delhi</li></ol>
4.	Political Science	<ol style="list-style-type: none"><li>1. Indian Institute of Public Administration, New Delhi</li><li>2. Jawaharlal Nehru University, New Delhi</li><li>3. University of Rajasthan, Jaipur</li><li>4. Banaras Hindu University , Varanasi</li><li>5. Jiwaji University, Gwalior</li><li>6. Kumaun University, Nainital</li><li>7. Pondicherry University, Puducherry</li><li>8. Kurukshetra University, Kurukshetra</li><li>9. University of Delhi, Delhi</li></ol>
5.	Psychology	<ol style="list-style-type: none"><li>1. University of Delhi, Delhi</li></ol>
6.	Sociology	<ol style="list-style-type: none"><li>1. Maharshi Dayanand University, Rohtak</li></ol>
7.	Chemistry	<ol style="list-style-type: none"><li>1. National Institute of Technology, Kurushetra.</li><li>2. University of Delhi, Delhi</li><li>3. Guru Jambheshwar University</li></ol>

		of Science and Technology, Hisar.
8.	Computer Science	<ol style="list-style-type: none"> <li>1. Maharshi Dayanand University, Rohtak</li> <li>2. Panjab University, Chandigarh.</li> <li>3. Jawaharlal Nehru University, New Delhi</li> </ol>
9.	Library & Information Science	<ol style="list-style-type: none"> <li>1. Maharshi Dayanand University, Rohtak</li> </ol>
10.	Environmental Science	<ol style="list-style-type: none"> <li>1. University of Delhi, Delhi</li> <li>2. Guru Jambheshwar University of Science and Technology, Hisar.</li> </ol>
11.	Geography	<ol style="list-style-type: none"> <li>1. University of Delhi</li> <li>2. Indira Gandhi National Open University, New Delhi</li> <li>3. Jawaharlal Nehru University, New Delhi</li> <li>4. IGU, Meerpur, Rewari</li> </ol>
12.	English and Foreign Languages	<ol style="list-style-type: none"> <li>1. University of Delhi, Delhi</li> <li>2. University of Rajasthan, Jaipur</li> <li>3. Maharshi Dayanand University, Rohtak</li> <li>4. Dr. Harisingh Gour Vishwavidyalaya, Sagar, Madhya Pradesh</li> <li>5. Jai Narayan Vyas University, Jodhpur</li> <li>6. Guru Gobind Singh Indraprastha University, Delhi</li> <li>7. Gurukula Kangri Vishwavidyalaya, Haridwar</li> <li>8. Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan</li> </ol>
13.	Hindi and Indian Languages	<ol style="list-style-type: none"> <li>1. Jamia Millia Islamia, New Delhi</li> <li>2. University of Delhi, Delhi</li> <li>3. Maharshi Dayanand University,</li> </ol>

		<p>Rohtak</p> <ol style="list-style-type: none"> <li>4. University of Rajasthan, Jaipur</li> <li>5. Central University of South Bihar.</li> <li>6. Tilka Manjhi Bhagalpur University, Bhagalpur</li> </ol>
14.	Commerce	<ol style="list-style-type: none"> <li>1. University of Delhi, Delhi</li> <li>2. Guru Jambheshwar University of Science and Technology, Hissar</li> </ol>
15.	Law	<ol style="list-style-type: none"> <li>1. Lucknow University, Lucknow</li> <li>2. Punjabi University, Patiala</li> <li>3. Modi University, Laxmangarh, Rajasthan</li> </ol>
16.	Management Studies	<ol style="list-style-type: none"> <li>1. Indian Institute of Foreign Trade, New Delhi</li> <li>2. Management Development Institute, Gurgaon</li> <li>3. University of Delhi, Delhi</li> <li>4. Department of Financial Studies, University of Delhi.</li> <li>5. Punjab University, Chandigarh</li> </ol>
17.	Mathematics	<ol style="list-style-type: none"> <li>1. University of Delhi, Delhi</li> <li>2. Delhi Technological University, Delhi</li> </ol>
18.	Physics	<ol style="list-style-type: none"> <li>1. Kurushetra University, Kurushetra</li> </ol>
19.	Statistics	<ol style="list-style-type: none"> <li>1. Aligarh Muslim University, Aligarh, Uttar Pradesh</li> <li>2. Maharishi Dayanand University, Rohtak</li> <li>3. University of Delhi, Delhi</li> </ol>
20.	Microbiology	<ol style="list-style-type: none"> <li>1. University of Delhi, Delhi</li> <li>2. Maharshi Dayanand University, Rohtak</li> <li>3. University of Hyderabad</li> </ol>
21.	Bio-Chemistry	<ol style="list-style-type: none"> <li>1. IIT, Delhi</li> </ol>

		<ol style="list-style-type: none"> <li>2. Kurukshetra University, Kurukshetra</li> <li>3. Maharishi Dayanand University, Rohtak</li> <li>4. Central University of Hyderabad, Hyderabad</li> </ol>
22.	Biotechnology	<ol style="list-style-type: none"> <li>1. University of Delhi, Delhi</li> <li>2. Guru Jambheshwar University of Science and Technology, Hissar</li> </ol>
23.	Tourism and Hotel Management	<ol style="list-style-type: none"> <li>1. National Council of Hotel Management &amp; Catering Technology</li> <li>2. Indian Tourism Development Corporation, Ministry of Tourism, Govt. of India</li> <li>3. Cornell University</li> <li>4. Kurukshetra University, Kurukshetra</li> <li>5. Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan</li> <li>6. Maharshi Dayanand University, Rohtak</li> </ol>

**1.1.6. Give details of how the University facilitates the introduction of new programmes of studies in its affiliated colleges:**

The University has no affiliated college.

**1.1.7. Does the University encourage its colleges to provide additional skill oriented programmes relevant to regional needs? Cite instances (not applicable for unitary universities).**

Not Applicable

**1.2. Academic Flexibility**

**1.2.1. Furnish the inventory for the following:**

**\* Programmes taught on campus**

There are 9 School of Studies with 25 Departments and all are offering post-graduation programmes.

M.Phil. programmes are offered by the following Departments:

1. Economics

2. Education
3. English and Foreign Languages
4. Hindi and Indian Languages
5. Political Science

Ph.D. programmes are offered by the following departments:

- |                  |                                  |
|------------------|----------------------------------|
| 1. Biochemistry. | 7. Management Studies.           |
| 2. Biotechnology | 8. Microbiology.                 |
| 3. Economics.    | 9. Nutrition Biology.            |
| 4. Education.    | 10. Political Science.           |
| 5. English       | 11. Tourism and Hotel Management |
| 6. Hindi.        |                                  |

The list of programmes offered by various Schools and Departments of the University is given in Table 2.

**Table 2: List of programmes offered by the University**

Sr. No.		Department	Programme
1	<b>School of Arts, Humanities &amp; Social Sciences</b>	Economics	M.A. (Economics)
			M.Phil. (Economics)
			Ph.D. (Economics)
		Education	M.A.(Education)
			M.Phil. (Education)
			Ph.D. (Education)
		History & Archeology	M. A. (History)
		Political Science	M.A. (Political Science)
			M.Phil. (Political Science)
			Ph.D. (Political Science)
Psychology	M.A. (Psychology)		
Sociology	M.A. (Sociology)		
2	<b>School of Chemical Science</b>	Chemistry	M.Sc. (Chemistry)
3	<b>School of Computer Science &amp; Informatics</b>	Computer Science	MCA
		Library & Information Science	M. Lib.I.Sc.

4	<b>School of Earth, Environment &amp; Space Studies</b>	Environment Studies	M.Sc. (Environment Science)
		Geography	M.Sc. (Geography)
5	<b>School of Journalism, Mass Communication &amp; Media</b>	Journalism, Media & Mass Communication	M.A. (Journalism & Mass Communication)
6	<b>School of Language, Linguistics, Culture &amp; Heritage</b>	English and Foreign Languages	M.A. (English)
			M.Phil. (English)
			Ph. D (English)
		Tourism and Hotel Management	MHMCT (Master of Hotel Management & Catering Technology)
			Ph.D (Tourism and Hotel Management)
		Hindi & Indian Languages	M.A. (Hindi)
			M.Phil. (Hindi)
			Ph. D. (Hindi)
		7	<b>School of Law, Governance, Public Policy &amp; Management</b>
Law	LL.M.		
Management Studies	M.B.A.		
	Ph.D. (Management)		
8	<b>School of Physical and Mathematical Science</b>	Mathematics	M.Sc. (Mathematics)
		Physics	M.Sc. (Physics)
		Statistics	M.Sc. (Statistics)
9.	<b>School of Interdisciplinary and applied Life sciences</b>	Microbiology	M.Sc. (Microbiology)
			Ph.D. (Microbiology)
		Biochemistry	M.Sc. (Biochemistry)
			Ph.D. (Biochemistry)
		Nutrition Biology	M.Sc. (Nutrition Biology)
			Ph.D. (Nutrition Biology)
		Bio Technology	M.Sc. (Biotechnology)
			Ph.D Biotechnology



The University authorities have approved the proposal to introduce Ph.D. programme in Physics from the next Academic Session (2016-17).

The University has started the admission process for One-year Post-graduate Diploma Course in Cooperative Management, in collaboration with the National Cooperative Union of India, New Delhi.

Besides, the University has got approval from the UGC to run programmes under B.Voc, Community College, and the '*Deen Dayal Upadhyaya Kaushal Kendra Scheme*':

**As the courses under the B.Voc and the Community College have been subsumed under the Deen Dayal Upadhyaya Kaushal Kendra, the University proposes to start following three programmes:**

- B.Voc in Retail & Logistics Management
- B.Voc in Biomedical Science
- B.Voc in Industrial Waste Management

#### **Overseas programmes offered on campus**

Presently, University doesn't offer any overseas programmes on the campus.

#### **Programmes Available For Colleges To Choose**

Not Applicable.

#### **Give details on the following provisions with reference to academic flexibility:**

##### **• Core / Elective options**

All the programmes of study offers core courses and elective courses. Core courses are compulsory for the students while the elective courses are optional. The students can choose the elective courses offered by their own department (Discipline centric elective courses) as well as offered by other departments (Generic Elective Courses).

See Annexure 1.

##### **• Enrichment courses/Skill Enhancement Courses:**

Under the CBCS all the Departments compulsorily offer skill-enhancement courses. Few departments offer courses over and above the minimum stipulated credit requirements, such as personality development classes offered by management department and certain cells too. The particulars of Enrichment and Skill-Enhancement courses offered by various departments are as follows:

1. The Communication Skills course is offered by Departments of Management Studies, English & Foreign Languages and History and Archaeology
2. The courses on Personality Development for Hospitality & Service Sector, Managing Hotels Effectively: Lessons from Managers, Hospitality Information Systems and E-Commerce, Foreign Language (**French**) offered by the Department of Tourism and Hotel Management
3. Assignment-based seminars, practical courses, viz., Computer-Aided Statistical Diagrams and Data Processing, Interpretation of Topographical Sheets and Morphometric Analysis, Field Work and Report Writing, Interpretation of Aerial Photographs & Satellite Images

and Thematic Mapping offered by the Department of Geography to enhance geographical skill and knowledge through laboratory and fields works

4. The Department of Hindi and Indian Languages offers the elementary course in Hindi Language for students belonging to non-Hindi speaking states/region.

• **Courses offered in modular form:**

The courses under the schemes of B.Voc. Community College, *Deen Dayal Upadhyay Kaushal Kendra* and Incubation Centre for Skills (in collaboration with NSIC) are all modular courses as they provided the flexibility of entry and exit. These courses offer Diploma at the completion of one year, Advanced Diploma at the completion of two years, and Degree at completion of three years.

• **Credit accumulation and transfer facility:**

The students have the option to avail vertical and horizontal mobility and are free to study courses of their choice, learn at their own pace, undergo additional courses, acquire more than the required minimum to credits, and to adopt an interdisciplinary approach to learning.

1. A student can take the courses of other universities subject to equivalence of the core/elective courses and availability of seats, adopting due administrative process and formal consent of the University/universities. The University has constituted an Equivalence Committee for this purpose.
2. The student availing inter-University mobility/migration shall remain the bonafide student of the University where he/she initially got admission and in case the candidate earns credit from a different University, the credits earned shall be transferred to his/her parent University.
3. It is the responsibility of the student to assess the feasibility of vertical mobility (across universities), as it doesn't entitle a student to exemption or relaxation from any of the requisites (sessional, attendance, assignments, end semester examinations, programme duration, etc.) for the completion of the programme.
4. Mobility option should not be interpreted as inter-University migration.
5. Mobility across the disciplines is also subject to availability of desired elective course, faculty, infrastructure and number of students (as fixed by the University/department from time to time) opting for that elective course.
6. The mobility shall be permissible from Regular Mode to Regular Mode only and does not provide for the mobility for Open/Distance/Online to regular mode.

**1.2.2. Does the University have an explicit policy and strategy for attracting international students?**

No, the policy is being formulated and is yet to be put in place.

**1.2.3. Have any courses been developed targeting international students? If so, how successful have they been? If 'no', explain the impediments.**

The University proposes to start International Students Centre to formulate policy for international students and co-ordinate courses for them. However, no courses have been developed for the international students as of now.

**1.2.4. Does the University facilitate dual degree and twinning programmes? If yes, give details.**

The University does not offer any dual degree or twinning programme. However, some departments are offering dual specialisation such as MBA programme from Department of Management Studies offer dual specialisation in different areas of choice. The development of dual degree and Twinning programmes is in the process.

**1.2.5. Does the University offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?**

The University does not offer any self-financing programme.

**1.2.6. Does the University provide the flexibility of bringing together the conventional face-to-face mode and the distance mode of education and allow students to choose and combine the courses they are interested in? If 'Yes', give operational details.**

As of now, the University does not offer any distance learning programme but in future the University may plan to have such courses. However, the University is in the process of submitting proposals for development of Massive Open Online Courses (MOOCs) in certain disciplines.

**1.2.7. Has the University adopted the Choice-Based Credit System (CBCS)? If yes, for how many programmes? What efforts have been made by the University to encourage the introduction of CBCS in its affiliated colleges?**

The University has adopted the Choice-Based Credit System (CBCS) in all its programmes. With the on-set of new academic session 2015-16, all departments have offered programmes to the new students following CBCS.

The University does not have any affiliated colleges.

**1.2.8. What percentage of programmes offered by the University follow:**

Annual system

Semester system -100%

Trimester system

The University follows semester system in all the programmes offered by it.

**1.2.9. How does the University promote inter disciplinary programmes? Name a few programmes and comment on their outcome.**

The University has adopted CBCS. The CBCS provides choice for students to select from the prescribed courses (Core, elective or soft-skill courses). Under the CBCS, all the programmes are offering Generic Elective Courses to the students of other departments, thus encouraging inter disciplinary approach. Table 3 shows content of disciplines integrated in various course:

**Table 3: Content of Disciplines integrated in the Course**

<b>S.no.</b>	<b>Department</b>	<b>Other Disciplines integrated in the Courses of various Departments</b>
1.	Economics	Statistics, Management ,Commerce
2.	Education	Statistics and Psychology
3.	Political Science	Economics, Sociology, History, Geography
4.	Psychology	Nutrition Biology, Chemistry, Biochemistry, Statistics, Education, Management, Sociology, Physics.
5.	Sociology	Anthropology, Developmental Studies, Political Science, Economics, Philosophy, Education, Environmental Science, Journalism and Mass Communications, Psychology, History, Demographic Studies
6.	Chemistry	Mathematics, Environmental Science, Physics, Biochemistry, Biotechnology, Geography
7.	Library & Information Science	Arts, Humanities and Social Sciences
8.	English and Foreign Languages	Sociology, History and Archaeology, Psychology, Philosophy, Journalism and Mass Communication, Hindi, Tourism and Hotel Management
9.	Hindi and Indian Languages	Journalism and Mass Communications, Psychology, English, Political science, Cinema Studies
10.	Commerce	Economics, Statistics, Mathematics , Phycology, Law
11.	Law	Political Science, Management, Commerce, Environmental Science, Computer Science
12.	Management Studies	Commerce, Law, Economics, Psychology, Statistics
13.	Physics	Computer Science, Mathematics
14.	Statistics	Mathematics and Operational Research
15.	Microbiology	Microbial Biotechnology, Plant Microbe Interactions
16.	Bio-Chemistry	Microbiology, Immunology, Molecular Biology, Bioinformatics, Plant Biochemistry, Nutritional Biochemistry, Human Psychology, Genetic Engineering and Biotechnology Advances in Genomics and Proteomics
17.	Tourism and Hotel Management	Food Production, F and B Service, Accommodation Operations, Communication, Computer Applications, Personality Development, Hospitality Research, Management, The Great Indian Cuisine, Foreign Language

### 1.3. Curriculum Enrichment:

#### 1.3.1. How often is the curriculum of the University reviewed and upgraded for making it socially relevant and/or job oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

The curriculum of the University is frequently reviewed and approved by the School Board and Board of Studies concerned in accordance with the latest trends, industry requirements, needs and aspirations of the students and latest research developments. The curriculum design is based on the multidisciplinary approach which leads to holistic development of the students and leads to the inclusive growth of the society. In addition to this, the University curriculum is based on the CBCS (Choice-based Credit System) which is in tune with the Multidisciplinary approach. Feedback taken from the different stakeholders is incorporated into the curriculum. The curriculum of different courses adopts different perspective for knowledge gathering, notable amongst them being the dissertation of the Final semester (as per the model of CBCS).

#### 1.3.2. During the last five years, how many new programmes at UG and PG levels were introduced? Give details?

- Interdisciplinary
- Programmes in emerging areas.

Session	Programmes of Study	Level of Programmes	Total number of Programmes
2009-10	Ph.D. in English Ph.D. in Economics Ph.D. in Political Science	Doctoral Programmes	3
	M.Phil. in Economics M.Phil. in English M.Phil. in Political Science	Research Programmes	3
2010-11	Ph.D. in Hindi	Doctoral Programmes	1
	M.A. in Education MBA LLM	PG	3
2011-12	Ph.D. in Hindi Ph.D. in Management Studies	Doctoral Programmes	2



	<b>M.Com</b>	<b>PG</b>	<b>1</b>
	<b>M.Phil.</b> in Hindi	<b>Research Programmes</b>	<b>1</b>
<b>2013-14</b>	<b>MCA</b> <b>M.Sc.</b> in Chemistry <b>M.Sc.</b> in Physics <b>M.Sc.</b> in Statistics	<b>PG</b>	<b>4</b>
<b>2014-15</b>	<b>M.A.</b> in History <b>M.A.</b> in Political Science <b>M.A.</b> in Psychology <b>M.A.</b> in Sociology <b>Master</b> of Librery & Information Science <b>M.Sc.</b> in Environment Science <b>M.Sc.</b> in Geography <b>M.A.</b> in Journalism and Mass Communication <b>M.A.</b> in English <b>M.A.</b> in Hindi	<b>PG</b>	<b>10</b>
<b>2015-16</b>	<b>Ph.D.</b> in Microbiology <b>Ph.D.</b> in Biochemistry <b>Ph.D.</b> in Nutrition Biology <b>Ph.D.</b> in Biotechnology <b>Ph.D.</b> in Tourism and Hotel Management	<b>Doctoral Programmes</b>	<b>5</b>

	<b>M.Sc.</b> in Microbiology  <b>M.Sc.</b> in Biochemistry  <b>M.Sc.</b> in Nutrition Biology  <b>M.Sc.</b> in Biotechnology  <b>Master</b> of Hotel Management & Catering Technology	<b>PG</b>	<b>5</b>
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**1.3.3. What are the strategies adopted for the revision of the existing programmes? What percentage of courses underwent a syllabus revision?**

The syllabus of different courses are developed and revised by the Board of Studies and School Board concerned. The revision of syllabus is a continuous process which occurs according to the need of the faculty, student and other stakeholders. The curriculum of all the Post-Graduate courses was revised in the academic session 2015-2016 as the CBCS was introduced in the University across all Post-Graduate courses.

**1.3.4. What are the value-added courses offered by the University and how does the University ensure that all students have access to them?**

The Central University of Haryana is providing value-added courses to the students and ensures its accessibility to maximum number of students. The departments organise seminars, workshops and other activities to achieve the same. The cells and clubs, such as Community Development Cell, Centre for Innovation, Skills and Entrepreneurship; Career Counselling, Training and Placement Cell; and Group for Promotion of Art, Culture and Heritage provide ample opportunities to students for value addition. Some of the events organised by the various departments are briefly stated below:

1. SPSS workshop organised by the Department of Education and the Department of Statistics
2. Excel training provided to MBA students as part of Personality Development Course.
3. Coaching for NET, personality development classes are conducted by Career Counselling Training and Placement Cell
4. Centre for Innovation, Skills and Entrepreneurship offers MOOCs\* on Entrepreneurship under the MOU signed with National Entrepreneurship Network (NEN).

\*(MOOCs are provided by NEN)

**1.3.5. Has the University introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?**

The government is working towards leveraging the potential of India's demographic dividend by providing skill training and making every skilled youth employable. The University has

strived hard to achieve national priorities for inclusive growth. The University has got a grant of Rs. 4.5 crores under the '*Deen Dayal Upadhyay Kaushal Kendra*' scheme and under this scheme, the three Vocational courses which will be offered by the University are as follows:

1. B.Voc. programme (Biomedical Sciences)
2. B.Voc. programme (Industrial Waste Management)
3. B.Voc. programme (Retail and logistics Management)
  - i. The University is collaborating with the National Cooperative Union of India, New Delhi to develop and nurture the cooperative movement in India.
  - ii. University has already notified admissions to One-Year PG Diploma in Cooperative Management in collaboration with National Cooperative Union of India.
  - iii. The University is also collaborating with National Small Industries Corporation to set up Incubation centre which will develop entrepreneurs and start-ups.

#### **1.4. Feedback System:**

##### **1.4.1. Does the University have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?**

Yes the University has a robust mechanism to obtain the feedback from the students. Recently the University has already developed a feedback form, through which feedback can be taken from the students on the curriculum of the respective syllabus.

##### **1.4.2. Does the University elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and its impact.**

The following mechanism is used for the Development of curriculum:

1. First, the curriculum is framed at the departmental level.
2. Then, it is approved by the respective Board of Studies in which the experts with various areas of specialisation from prestigious institutions are involved for framing the course curriculum.
3. Thereafter the curriculum is finalised and approved by the regulatory and statutory bodies of the University i.e the Academic Council and the Executive Council.

At each step mentioned above, the feedback is taken from the experts. The University is proposing a feedback form for the external stakeholders of the University for Curriculum which will be implemented from the next academic session (2016-17).

##### **1.4.3. Specify the mechanism through which affiliated institutions give feedback on curriculum enrichment and the extent to which it is made use of.**

The University at present does not have any affiliated institutions. But the University, however may have such institutions in the future.

##### **1.4.4. What are the quality sustenance and quality enhancement measures undertaken by the University in ensuring the effective development of the curricula?**

The University has been striving hard for quality sustenance and quality enhancement. The University has taken several measures in the same direction. The major steps taken are as follows:

###### **1. Choice-Based Credit System (CBCS):**

The University of Haryana is a pioneer in the field of implementing the CBCS at post-graduation level in all the disciplines from the current Academic session (2015-16), providing horizontal mobility across the disciplines. Post-Graduate students of the University now have the freedom to opt one or more Elective Courses of 6 credits from another discipline of their choice thus building in an inter and multi-disciplinary approach into their curriculum itself. Thus, the University practices 100% Choice-Based Credit System for its academic programmes.

## **2. Industry Linkages:**

To improve academia-industry linkages and create synergies through partnerships and collaborations the University continuously strives to identify and invite potential industrialists and corporates to deliver extension lectures and conduct workshops and seminars. These lectures, workshops and seminars provide the platform for the University and the industry to explore the possibility of forging potential partnerships and long-term associations, which will be mutually beneficial to all stakeholders. Some of the experts from Industry and Corporate Sector on panel of Central University of Haryana include:

### **Potential experts from Industry & Corporate Sector:**

1. Mr. Vinay Kaushik, Vice President – Human Resource Division Cell, Samsung Engineering Limited
2. Mr. Manjit Singh Gill, Corporate Chef, ITC Welcom Group Hotels Division
3. Mr. Vikram Singh, Associate Vice President and Head, IT, Airtel, Gurgaon
4. Dr. R.K. Garg, Director, Technology Application Services (TAS), New Delhi
5. Dr. Gautam Ghosh, Vice President, Panacea Biotech Ltd. New Delhi
6. Dr. Anup Kalra, Director, Ayurved Pvt. Limited
7. Dr. Ashok Sonsukera, R&D Head, Reliance Life Sciences, Navi Mumbai
8. Mr. Deepak Kumar, Vice President, Application Services, Sify Technologies Ltd. Noida, UP
9. Mr. Shiv Kaushik, President, SVI Analytica, New Delhi.
10. Mr. Ajay Arora, Business Head, Hindustan, HT Media Group, UP (West) and Uttarakhand

The University has also taken the initiative to formalize such interactions through MOU's and launching of full-time degree courses:

A three-day workshop was organised by the Departments of Physics and Chemistry, in collaboration with Technology Applications Service (TAS), New Delhi, from 22-24 September, 2015 on 'Vacuum, Plasma and Thin film Deposition Techniques'. Dr. R.K. Garg, Proprietor and Director, TAS, delivered lectures on basic and latent developments in the field of 'Vacuum, Plasma and Thin film Deposition Techniques'. The highlight of the three-day workshop was the signing of MOU between the Central University of Haryana and Technology Applications Service (TAS), New Delhi, for conducting joint training programme, one semester project work as part of the requirement of the post-graduate course work and exploring possibilities to jointly design, develop and fabricate new and innovative products based on proven technologies.

Having started full-time Master of Hotel Management & Catering Technology Programme from the current academic session, the Department of Tourism & Hotel Management conducted a workshop with celebrity Chef Manjit Gill from ITC Welcom Group (Hotels Division) as the resource person.

## **3. Region-relevant B. Voc. Programmes:**

Based on the region-specific relevance and requirement, the University submitted the proposals for 6 B. Voc. Programmes to the UGC. The University was one of the very few Central Universities to be awarded two such programmes:

- B.Voc. in Retail & Logistics Management
- B.Voc. in Tourism & Hospitality Management

#### **4. Community Colleges:**

Under the Community College Scheme of the UGC the University is awarded a course on

- Biochemical Techniques.

#### **5. Deen Dayal Upadhyaya Kaushal Kendra Scheme:**

The University has received a grant for the '*Deen Dayal Upadhyaya Kaushal Kendra*' vide letter from Joint Secretary, UGC, DO no. 3-24/2015 (KAUSHAL), dated 14th Aug. 2015, with an approval to start the following programmes:

1. B. Voc. Programme (Biochemical Techniques)
2. B. Voc. Programme (Biomedical Science)
3. B. Voc. Programme (Industrial Waste Management)

As per the directives of the UGC and MHRD, the courses under the B.Voc. and Community College have been subsumed under '*Deen Dayal Upadhyaya Kaushal Kendra*'. Thus the University is in the process of starting the following three programmes under the '*Deen Dayal Upadhyaya Kaushal Kendra*':

1. B.Voc in Retail & Logistics Management
2. B.Voc in Biomedical Science
3. B.Voc in Industrial Waste Management

#### **6. Centre for Innovation, Skill and Entrepreneurship Development:**

The objectives of the Centre for Innovation, Skill and Entrepreneurship Development are:

- Providing opportunities to students to incubate their innovative ideas.
- Providing facilities to young researchers to transform their innovative ideas in proof of concept.
- Providing opportunities to students to learn basic skills to develop certain products like earthen pots, plant waste based products, electronic goods & culinary products etc.
- Orienting the students towards entrepreneurship.
- Organizing Research Colloquia/ Shodh Yatras.
- Organizing Science Exhibitions for promoting interest amongst students & researchers.

#### **7. Incubation Centres:**

The University has taken initiative to develop linkages with Innovation incubators. The University is creating partnerships with different such incubators both from the Industry and the Academia. The following linkages have been established:

- Technology-based Incubator (TBI), University of Delhi (South Campus), New Delhi
- Centre for Innovative and Applied Bio-processing, Mohali
- National Small Industries Corporation (NSIC), New Delhi

- SVI Analytica, New Delhi

#### **8. Inspired Teachers Network:**

Inspired-Teachers Network is being maintained to create information and knowledge networks for seamless transfer of the best innovative practices, latest researches and experiments in pedagogy.

Some of the practices shared through the Inspired Teachers Network include—recent research publications, avenues for faculty development, awards and recognitions, new initiatives of various central universities etc.

From Central University of Haryana Dr. Sanjiv Kumar, Department of English, participated as Inspired Teacher for the In-Residence Programme at Rashtrapati Bhawan and is maintaining networking with the Inspired Teachers of other Central Universities.

#### **9. Massive Open Online Courses (MOOCs):**

The University aims to adopt innovative pedagogy to provide the students with world-class teaching and learning environment. The University is in the process of offering blended learning options to students by combining the traditional teaching with the technology in form of MOOCs. The following steps are being taken to implement MOOCs:

University is in the process of developing infrastructure for preparing MOOCs.

For this purpose the University is in the process of setting up an audio-video recording and editing studio and a fully developed multi-media lab.

The faculty members are developing proposals for offering courses in MOOCs. The same will be submitted to MHRD for financial assistance.

Total numbers of courses proposed to be developed and delivered by the Central University of Haryana in each quarter starting from 1 January 2016 is 12 courses for the first semester and 12 courses in subsequent semester. A total of 24 courses are proposed in 4 quarters starting from 01.01.2016 as of now. The University may consider offering more courses under the MOOCs format depending on the infrastructure developed and the response to these courses.

#### **10. Alumni Involvement:**

The University through its different departments and Alumni Cell is actively engaged in creating a database of its alumni particularly those who have made the University proud and are willing to contribute towards their Alma Mater. The University is involving the alumni in its crucial organs and cells to make them a stakeholder in the decision-making mechanism of the University for ensuring fruitful and long-term growth and development of the University. At present the alumni are being involved in:

- Career and Placement Opportunities Cell
- Centre for Entrepreneurship, Skills and Innovations
- Community Development Cell
- Unnat Bharat Abhiyan (UBA) Cell

Each department is also roping in its alumni in its departmental Club where, on the basis of their expertise and experience, they can contribute in terms of devising the roadmap for putting the department on the path of high growth trajectory in the future.



The University also has a mechanism to obtain the feedback for ensuring quality enhancement. The feedback is taken from the experts and soon the University is proposing a feedback form for the external stakeholders and students of the University for enhancing the quality of curriculum and these feedback forms will be implemented from the next academic Session.

## **ANNEXURE-1**

### **Generic Elective Courses List offered by Various Departments**

#### **1. Department of Economics**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Course Title</b>
1.	SAHS MAE 101 GE 3104	Basic Economics
2.	SAHS MAE 102 GE 3104	Indian Economy
3.	SAHS MAE 301 GE 3104	History of Economic Thought
4.	SAHS MAE 302 GE 3104	Development Economics

#### **2. Department of Education**

<b>Sl. No.</b>	<b>Course Code</b>	<b>Course Title</b>
1.	SAHS ED 1 1 01 GE 4004	Educational Management and Planning
2.	SAHS ED 1 1 02 GE 4004	Women Education
3.	SAHS ED 1 3 03 GE 4004	Life Skills Education
4.	SAHS ED 1 3 04 GE 4004	Yoga Education
5.	SAHS ED 1 3 05 GE 4004	Value and Peace Education

#### **3. Department of History and Archaeology**

<b>Sl. No.</b>	<b>Course code</b>	<b>Course title</b>
1	SAHS HA 01101GE4004	History of Haryana
2	SAHS HA 01102GE4004	Art, Architecture and Culture in Ancient World
3	SAHS HA 01103GE4004	Women in Ancient World
4	SAHS HA 01104GE4004	Life in Medieval Europe
5	SAHS HA 01105GE4004	Rise of Modern West (Compulsory)
6	SAHS HA 01105 ARCHGE4004	Proto History of India
7	SAHS HA 01106 ARCH GE4004	Indian Architecture Up to 1200 AD
8	SAHS HA 01107 ARCH GE4004	Introduction to Archaeology
9	SAHS HA 01105 ANC GE4004	Political History of Ancient India

10	SAHS HA 01106 ANC GE4004	Orientalism in India
11	SAHS HA 01107 ANC GE4004	Social History of Ancient India
12	SAHS HA 01105 MED GE4004	Gender and Women in Medieval India
13	SAHS HA 01106 MED GE4004	Medieval Indian Ideas and Institutions
14	SAHS HA 01107 MED GE4004	History of the Marathas
15	SAHS HA 01105 MOD GE 4004	Nationalist Movement: 1858-1947
16	SAHS HA 01106 MOD GE 4004	Introduction to Indian Marxism
17	SAHS HA 01107 MOD GE 4004	History of Indian Cinema

#### 4. Department of Political Science

Sl. No.	Course Code	Course Title
1	SSH POS01 (105) G4004	Indian National Movement
2	SSH POS01 (110) G4002	Introduction to Indian Constitution
3	SSH POS01 (117) G4004	Politics in India

#### 5. Department of Psychology

Sl. No.	Course code	Course title
1.	SAHS PSY 1 1 01 GE 4004	Advanced General Psychology
2.	SAHS PSY 1 1 02 GE 4004	Historical Foundation of Psychology
3.	SAHS PSY 1 2 03 GE 4004	Test & Scale Development
4.	SAHS PSY 1 3 04 GE 4004	Personality
5.	SAHS PSY 1 3 05 GE 4004	Stress & Health
6.	SAHS PSY 1 3 06 GE 4004	Psychological Testing

#### 6. Department of Sociology

Sl. No.	Course code	Course title
1.	SAHS SC 1 1 01 GEC 4004	The Study of Society
2.	SAHS SC 1 1 02 GEC 4004	Women and Society
3.	SAHS SC 1 1 03 GEC 4004	Indian Society
4.	SAHS SC 1 1 04 GEC 4004	Sociology of Social Movements
5.	SAHS SC 1 1 05 GEC 4004	Environment and Society (Compulsory)

#### 7. Department of Chemistry

Sl. No.	Course code	Course title
1.	SCS CH 1 1 01 GE 4004	Chemistry of Materials

2.	SCS CH 1 1 02 GE 4004	Bioorganic Chemistry
3.	SCS CH 1 2 03 GE 2002	Basic Techniques in Chemical Sciences (compulsory)
4.	SCS CH 1 3 04 GE 4004	General Polymer Chemistry
5.	SCS CH 1 3 05 GE 4004	Environmental Chemistry

#### 8. Department of Computer Sciences and Information Technology

Sl. No.	Course code	Course title
1	SCS CSC 01 01 GEC 01 3003	Fundamentals of IT
2	SCS CSC 01 02 GEC 02 3003	Computer Oriented Optimization Techniques
3	SCS CSC 01 02 GEC 03 3003	Internet Fundamentals
4	SCS CSC 01 03 GEC 04 3003	Internet Fundamentals
5	SCS CSC 01 04 GEC 05 3003	Emerging Trends and Technologies
6	SCS CSC 01 05 GEC 06 3003	E- Commerce
7	SCS CSC 01 05 GEC 07 3003	Multimedia Technologies

#### 9. Department of Library & Information Science

Sl. No.	Course Code	Course Title
1	SCSI MLS GEC 101(i)	Information Literacy
2	SCSI MLS GEC 101(ii)	Information Policy and Law
3	SCSI MLS GEC 101(iii)	Knowledge Management

#### 10. Department of Environmental Science

Sl. No.	Course Code	Course Title
1	SEES EVS 1 1 01 GE 4004	Foundation course in Ecology and Environment
2	SEES EVS 1 1 02 GE 4004	Environmental Biology
3	SEES EVS 1 2 02 GE 4004	Global Environmental Issues (compulsory)

#### 11. Department of Geography

Sl. No.	Course Code	Course Title
1	SEE GEO 1 1 01 GE 4004	Population and Development
2	SEE GEO 1 1 02 GE 4004	Biogeography
3	SEE GEO 1 2 03 GE 0042	Computer Aided Statistical Diagrams and Data Processing

4	SEE GEO 1 3 04 GE 4004	Geography of Natural Hazards and Disasters
5	SEE GEO 1 3 05 GE 4004	Cultural Geography
6	SEE GEO 1 3 06 GE 4004	Soil Geography

#### 12. Department of Journalism, Media and Mass Communication

Sl. No.	Course Code	Course Title
1	SJM JMC 1101 GE 4004	Media Literacy
2	SJM JMC 1102 GE 4004	Media and Society
3	SJM JMC 1303 GE 2114	Film Appreciation
4	SJM JMC 1304 GE 2114	Event Management

#### 13. Department of English and Foreign Languages

Sl. No.	Course code	Course title
1.	SLLCH ENG 01 01 GEC 01 3003	Communication Skills
2.	SLLCH ENG 01 02 GEC 01 3003	Literature and Theatre
3.	SLLCH ENG 01 03 GEC 01 3003	Research Methodology
4.	SLLCH ENG 01 04 GEC 01 3003	Gender Studies

#### 14. Department of Hindi and Indian Languages

Sl. No.	Course code	Course title
1.	SLLCH HND 1 1 01 GE 4004	हिंदी की संस्कृति
2.	SLLCH HND 1 1 02 GE 4004	साहित्य की समझ
3.	SLLCH HND 1 2 02 GE 4004	पुस्तक/फिल्म समीक्षा (अनिवार्य)
4.	SLLCH HND 1 3 03 GE 4004	सिनेमाअध्ययन
5.	SLLCH HND 1 3 04 GE 4004	अस्मितामूलक साहित्य
6.	SLLCH HND 1 3 05 GE 4004	प्रयोजनमूलक हिंदी

#### 15. Department of Commerce

Sl. No.	Course Code	Course Title
1.	SLM COM 11 01 GE 4004	Fundamentals of Investment
2.	SLM COM 11 02 GE 4004	Consumer Protection
3	SLM COM 13 04 GE 4004	Entrepreneurship Development

4	SLM COM 13 05 GE 4004	Income Tax law & Practice
5	SLM COM 13 06 GE 4004	Negotiation and Conflict Management

#### 16. Department of Law

Sl. No.	Course Code	Course Title
1	SLM LAW 01 101 E 2103	Comparative Politics
2	SLM LAW 01 102 E 2103	Corporate Law
3	SLM LAW 01 103 E 2103	Industrial & Environmental Jurisprudence
4	SLM LAW 01 201 E 2103	Law relating to Cyber Crimes
5	SLM LAW 01 202 E 2103	Law & Biodiversity
6	SLM LAW 01 203 E 2103	Law, Science & Technology

#### 17. Department of Management Studies

Sl. No.	Course Code	Course Title
1	SLM MGT 01 101 GEC 3104	Business Communication
2	SLM MGT 01 102 GEC 3104	Business Environment
3	SLM MGT 01 201 GEC 3104	Legal Aspects of Business
4	SLM MGT 01 301 GEC 3104	Personal Selling and Salesmanship

#### 18. Department of Mathematics

Sl. No.	Course code	Course title
1	SPM MAT 01 01 GEC 01 3104	Basic concepts and Applications of Mathematics
2	SPM MAT 01 01 GEC 02 3104	Numerical Analysis
3	SPMMAT 01 02 GEC 03 3104	Documentation in Latex
4	SPMMAT 01 02 GEC 04 3104	Linear Algebra
5	SPMMAT 01 02 GEC 05 3104	Discrete Mathematics

#### 19. Department of Physics

Sl. No.	Course Code	Course Title
1	SPMS PHY 01 101 GEC 3104	Numerical Methods and Programming
2	SPMS PHY 01 102 GEC 3104	Modern Optics
3	SPMS PHY 01 101 GEC 3104	Numerical Methods and Programming
4	SPMS PHY 01 201 GEC 1102	Latex for Science & Mathematics
5	SPMS PHY 01 202 GEC 1102	Environmental Physics

#### 20. Department of Statistics

Sl. No.	Course Code	Course Title
1	SPMSTA01101E4004	Linear Programming
2	SPMSTA01201E4004	Applied Statistics
3	SPMSTA01202E4004	Operation Research
4	SPMSTA01203E4004	Actuarial Statistics
5	SPMSTA01301E4004	Stochastic Process and Queuing Theory
6	SPMSTA01302E4004	Computer Programming

#### 21. Department of Microbiology

Sl. No.	Course Code	Course title
1	SIAL MB 01 01 01 GEC 4004	Introduction to Microbiology
2	SIAL MB 01 01 02 GEC 4004	Microbial Energetic & Biosynthesis
3	SIAL MB 01 02 03 GEC 4004	Food Microbiology
4	SIAL MB 01 03 04 GEC 4004	Soil Microbiology

#### 22. Department of Biochemistry

Sl. No.	Course code	Course title
1.	SIAL BC 1 1 01 GE 4004	Principles of Biochemistry
2.	SIAL BC 1 1 02 GE 4004	Proteins and Enzymes
3.	SIAL BC 1 1 03 GE 4004	Molecular Biology
4.	SIAL BC 1 1 04 GE 4004	Cell Biology
5.	SIAL BC 1 1 05 GE 4004	Biochemical correlations in Diseases
6.	SIAL BC 1 1 06 GE 4004	Bioinformatics (compulsory)

#### 23. Department of Nutrition Biology

Sl. No.	Course Code	Course Title
1	SIAL NB 01 01 01 GEC 4004	Human Nutritional Requirement
2	SIAL NB 01 01 02 GEC 4004	Nutrient Deficiencies and Assessment
3	SIAL NB 01 03 01 GEC 4004	Nutrition in Chronic Degenerative Diseases
4	SIAL NB 01 03 03 GEC 4004	Work Physiology, Physical Fitness & Health
5	SIAL NB 01 03 02 GEC 4004	Food Microbiology and Food Safety
6	SIAL NB 01 02 02 GEC 4004	Bioinformatics (Compulsory)

#### 24. Department of Biotechnology

Sl. No.	Course Code	Course Title
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1	SIAL BT 01 101 GEC 4004	Environmental Biotechnology
2	SIAL BT 01 102 GEC 4004	Bioinformatics and Biostatistics (compulsory)

## 25. Department of Tourism & Hotel Management

Sl. No.	Course Code	Course Title
1	SLLCH THM 1 1 01 E 3003	Communication Skills & Personality Development for Hospitality & Service Sector
2	SLLCH THM 1 1 02 E 3003	Managing Hotels Effectively: Lessons from Managers
3	SLLCH THM 1 1 03 E 3003	Hospitality Information Systems & E Commerce
4	SLLCH THM 1 1 04 E 3003	Field / Industry Visit/ Excursion
5	SLLCH THM 1 2 05 E 3003	Foreign Language – French
6	SLLCH THM 1 2 06 E 3003	Hospitality & Tourism Services Facilitation Management
7	SLLCH THM 1 2 07 E 3003	Transport & Travel Management
8	SLLCH THM 1 2 08 E 3003	Theme Event

**CRITERION II**

**TEACHING-LEARNING AND**

**EVALUATION**

## CRITERION II: TEACHING-LEARNING AND EVALUATION

### 2.1 STUDENT ENROLMENT AND PROFILE

#### 2.1.1 How does the University ensure publicity and transparency in the admission process?

The University ensures national level publicity of its admission process through leading newspapers and also by using social media. Further, the comprehensive details of seat matrix of all the programmes are made available on the University website for the information of all stakeholders including aspiring students. The Information Bulletin is also uploaded on the website with complete details about the programmes, departments, faculty and all facilities available in the University for the students.

All students desirous to take admission in various programmes offered by the University are required to appear in the CUCET (Central University Common Entrance Test) conducted every year in the month of May-June. The information about CUCET is provided well in advance through University website and local/ national newspapers. The subject-wise merit list of CUCET is displayed on University website for information of all students. The admission committee, constituted at University level, conducts counselling sessions strictly as per the merit list of CUCET.

However, for the academic session 2015-16, the University has made admission in five new programmes including Master of Science (Microbiology), Master of Science (Biochemistry), Master of Science (Nutrition Biology), Master of Science (Biotechnology), and Master of Hotel Management & Catering Technology on the basis of merit strictly as per reservation policy of GOI.

#### 2.1.2 Explain in detail the process of admission put in place by the University. List the criteria for admission: (e.g.: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common entrance test conducted by state agencies and national agencies (v) other criteria followed by the University (please specify).

University follows the policy of transparency in admissions and conducts the admission process with utmost care and due diligence. The University adopts all measures, in the best interest of transparency in the admission process, to ensure that the applicants are provided timely information about the programmes offered, no. of seats, reservation policy, deadlines

and eligibility conditions through University website and other means of publicity. The admission process is carried out purely on merit basis as per the scores of the CUCET.

Established in the year 2009, in the initial years the University used to conduct its own entrance test for admission to various PG Courses and Research Programmes. In the year 2014, the University decided to participate in the Central Universities Common Entrance Test (CUCET) conducted by a group of Central universities established under Central Universities Act 2009 to attract the talented students from all corners of the country.

The University participated in the CUCET in the year 2014 and the responsibility of conducting the entrance exam was given to Central University of Rajasthan by a Steering Committee consisting of Vice-Chancellors of all Participating Universities (PUs) and the Vice-Chancellor of CURAJ was nominated as the Chairperson of the Steering Committee. Since 2014, the University is participating in the CUCET for conduct of entrance test for admission.

As five new departments (Microbiology, Biochemistry, Nutrition Biology, Biotechnology, and Hotel and Tourism Management) were introduced from the session 2015-2016 only, admissions to the Post Graduate programmes in newly introduced departments were offered on the basis of merit in qualifying examination.

To administer the process of centralised admissions to various programmes, University constitutes Central Admission Committee every year and a Nodal Officer is appointed to liaison with coordinating University of CUCET. The Admission Committee and the Nodal Officer (CUCET) look after the entire process of admissions and redress the grievance, if any, of the aspiring students. The applications for various courses such as PG, M. Phil. and Ph. D. courses are available at University are invited online and all data related to admissions like availability of seats, merit status, applicants details etc. are made available online for the sake of transparency, fairness and above all for smooth carrying out of admission process.

Thereafter, keeping in view the merit in CUCET score the physical counselling is conducted and selection is made after verification of relevant documents regarding qualification, reservation and CUCET performance.

University is offering the following programmes under various Schools during the academic year 2015-16:

**i. Post-Graduate Programmes (Through CUCET)**

- a) Master of Arts (Economics)
- b) Master of Arts (Education)
- c) Master of Arts (English)
- d) Master of Arts (Hindi)
- e) Master of Arts (History)
- f) Master of Arts (Political Science)
- g) Master of Arts (Psychology)
- h) Master of Arts (Sociology)
- i) Master of Business Administration (MBA)
- j) Master of Commerce (M.Com)
- k) Master of Computer Applications (MCA)
- l) Master of Arts (Journalism and Mass Communication)
- m) Master of Law (LL.M)
- n) Master of Library & Information Science
- o) Master of Science (Environment Science)
- p) Master of Science (Geography)
- q) Master of Science (Chemistry)
- r) Master of Science (Physics)
- s) Master of Science (Mathematics)
- t) Master of Science (Statistics)

**ii. Post-Graduate Programmes (Admission on the basis of marks in qualifying examination)**

- a) Master of Science (Microbiology)
- b) Master of Science (Biochemistry)
- c) Master of Science (Nutrition Biology)
- d) Master of Science (Biotechnology)

**Eligibility:**

B.Sc. (Hons.)/B.Sc. in Botany /Microbiology/Biotechnology/Life Sciences/Zoology with 50 % marks in aggregate. Weightage of 5 % will be given to the candidates having B.Sc. (Hons.) while determining merit.

e) Master in Hotel Management & Catering Technology

**Eligibility:** Bachelor's Degree in any Discipline with 50 % marks in aggregate.

**iii. Research Programmes (Admission on the basis of CUCET score and interview with weightage of 60 and 40, respectively):**

M.Phil. Programmes (Duration: 1 year)

1. M.Phil (Economics)
2. M.Phil (Education)
3. M.Phil (English)
4. M.Phil (Hindi)
5. M.Phil (Political Science)

**Ph.D. Programmes (Admission on the basis of CUCET score and interview with weightage of 60 and 40, respectively):**

1. Ph.D (Economics)
2. Ph.D (Education)
3. Ph.D (English)
4. Ph.D (Hindi)
5. Ph.D (Management)
6. Ph.D (Political Science)

**iv. Ph.D Programmes (Admission on the basis of M.Phil/NET-JRFetc. and interview /presentation)**

1. Microbiology
2. Biochemistry
3. Nutrition Biology
4. Biotechnology
5. Hotel Management and Catering Technology





**Detailed Information about the Programmes**  
(Schools-wise & Department-wise)

**1. School of Arts, Humanities and Social Sciences**

This school started functioning during the academic year 2009-10 with the Department of Economics & Department of Political Science offering research programmes. Department of Education started in the academic year 2010-11 with the two year PG programme: MA in Education. Department of History & Archeology; Psychology & Department of Sociology were introduced from the academic year 2014-15. All the departments of this School offers PG programmes of two-year duration which are divided into four semesters & are based on Choice Based Credit System (CBCS). Department of Education started M.Phil & Ph.D programmes from the academic year 2014-15.

Various details regarding the programme offered, eligibility and number of seats in **School of Arts, Humanities and Social Sciences** are as follows:

Sr. No.	Department	Programme	Eligibility	Number of Seats Available
1	Economics	Master of Arts (Economics)	<p>(i) Bachelor's degree in any discipline or Economics from a recognized Indian or foreign University (foreign recognition to be as per AIU list) with a minimum of 50% aggregate marks or equivalent grade and have secured 50% marks in Economics (50% for SC/ST or differently abled categories).</p> <p style="text-align: center;">or</p> <p>(ii). 55%(50% for SC/ST or differently abled categories) or more marks in Graduate/Post Graduate degree in any other discipline or subject from a</p>	30

			recognized Indian or foreign University (foreign recognition to be as per AIU list)	
		M.Phil (Economics)	<p>A candidate shall be eligible for admission to the programme of study leading to the Degree of Master of Philosophy (M.Phil), hereinafter called the programme, if he/she had taken Master's degree of any recognized University in relevant subject with at least 55% marks (50% for SC/ST or differently abled categories) or a degree recognized by the University for this purpose as its equivalent.</p> <p><b>Procedure for Admission to M.Phil:</b> The procedure includes holding written test and interview, which shall carry weightage of 60% and 40% respectively. Candidates who have cleared NET/JRF/SLET/Teacher Fellowship shall be exempted from the written test. In such cases the interview shall carry 100% weightage.</p> <p><b>Note:</b> For the candidates seeking admission in M.Phil Programmes and appearing in CUCET-2015 (Central Universities Common Entrance Examination) shall in no way be considered in 'Exemption Category' and in their case interview shall have the weightage of 40 marks. Therefore,</p>	10

			<p>candidates are advised to go through the procedure of admission well before applying.</p>	
		<p>Ph.D (Economics)</p>	<p>A candidate shall be eligible for admission to the Ph.D. programme, if he/she:</p> <p>Has M.Phil degree in the relevant subject from the recognized University or</p> <p>Has qualified UGC/CSIR- JRF/NET or SLET (Equivalent to NET/JRF as per UGC norms) or a holder of Teacher Fellowship or</p> <p>Has been a teacher in a constituent/affiliated college/department of the University for at least two years, and have previous research experience of at least two years and have research publication(s) comparable to MPhil standards or</p> <p>Is an in-service candidate with three years' experience of regular &amp; approved teacher/researcher in higher education/research organization and has master's degree with at least 55% of marks (50% for SC/ST or Differently Abled Categories) in the relevant subjects.</p> <p><b>Procedure for Admission to Ph.D Programme:</b> The procedure shall include written test and interview, which</p>	<p>08</p>

			<p>shall carry weightage of 60% and 40% respectively. Candidates belonging to (i), (ii) and (iii) above are exempted from the written test, and in their case the interview shall carry 100% weightage.</p> <p><b>Note:</b> For the candidates seeking admission in Ph.D Programmes and appearing in CUCET-2015 (Central Universities Common Entrance Examination) shall in no way be considered in 'Exemption Category' and in their case interview shall have the weightage of 40 marks. Therefore, candidates are advised to go through the procedure of admission well before applying.</p>	
2	Education	Master of Arts (Education)	Bachelor degree in any discipline from any recognized University (foreign recognition to be as per AIU list) with a minimum 50% aggregate marks or equivalent grade (50% for SC/ST or differently abled categories).	15
		M.Phil (Education)	A candidate shall be eligible for admission to the programme of study leading to the Degree of Master of Philosophy (M.Phil), if he/she had taken Master's degree of any recognized University in relevant subject with at least 55% marks (50% for SC/ST or differently abled categories) or a degree	7

			<p>recognized by the University for this purpose as its equivalent.</p> <p><b>Procedure for Admission to M.Phil:</b> The procedure includes holding written test and interview, which shall carry weightage of 60% and 40% respectively. Candidates who have cleared NET/ JRF/ SLET/ Teacher Fellowship shall be exempted from the written test. In such cases the interview shall carry 100% weightage.</p> <p><b>Note:</b> For the candidates seeking admission in M.Phil Programme and appearing in CUCET-2015 (Central Universities Common Entrance Examination) shall in no way be considered in ‘Exemption Category’ and in their case interview shall have the weightage of 40 marks. Therefore, candidates are advised to go through the procedure of admission well before applying.</p>	
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		<p>Ph.D (Education)</p>	<p>A candidate shall be eligible for admission to the Ph.D. programme, if he/she:</p> <p>has M.Phil degree in the relevant subject from the recognized University or has qualified UGC/CSIR- JRF/NET or SLET (Equivalent to NET/JRF as per UGC norms) or a holder of Teacher Fellowship or has been a teacher in a constituent/affiliated college/department of the University for at least two years, and have previous research experience of at least two years and have research publication(s) comparable to MPhil standards or is an in-service candidate with three years' experience of regular &amp; approved teacher/researcher in higher education/research organization and has master's degree with at least 55% of marks (50% for SC/ST or Differently Abled Categories) in the relevant subjects.</p> <p><b>Procedure for Admission to Ph.D Programme:</b> The procedure shall include written test and interview, which shall carry weightage of 60% and 40% respectively. Candidates belonging to (i), (ii) and (iii) above are exempted from the written test, and in their case the interview shall carry 100% weightage.</p> <p><b>Note:</b> For the candidates seeking</p>	<p>8</p>
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			admission in Ph.D Programmes and appearing in CUCET-2015 (Central Universities Common Entrance Examination) shall in no way be considered in 'Exemption Category' and in their case interview shall have the weightage of 40 marks. Therefore, candidates are advised to go through the procedure of admission well before applying.	
3	History & Archaeology	Master of Arts (History)	Graduation from any recognized University with a minimum 50 % marks or equivalent grade in aggregate(45% for SC/ST or differently abled categories)	25
4	Pol. Sc.	Master of Arts (Pol. Sc.)	Graduation from any recognized University with a minimum 50 % marks or equivalent grade in aggregate (45% for SC/ST or differently abled categories)	25
		M.Phil (Political Science)	A candidate shall be eligible for admission to the programme of study leading to the Degree of Master of Philosophy (M.Phil), if he/she had taken Master's degree of any recognized University in relevant subject with at least 55% marks (50% for SC/ST or differently abled categories) or a degree	10

		<p>recognized by the University for this purpose as its equivalent.</p> <p><b>Procedure for Admission to M.Phil:</b> The procedure includes holding written test and interview, which shall carry weightage of 60% and 40% respectively. Candidates who have cleared NET/JRF/SLET/Teacher Fellowship shall be exempted from the written test. In such cases the interview shall carry 100% weightage.</p> <p><b>Note:</b> For the candidates seeking admission in M.Phil Programmes and appearing in CUCET-2015 (Central Universities Common Entrance Examination) shall in no way be considered in ‘Exemption Category’ and in their case interview shall have the weightage of 40 marks. Therefore, candidates are advised to go through the procedure of admission well before applying.</p>	
	Ph.D (Political Science)	A candidate shall be eligible for admission to the Ph.D. programme, if he/she: has M.Phil degree in the relevant subject from the recognized University or has qualified UGC/CSIR- JRF/NET or SLET (Equivalent to NET/JRF as per UGC norms) or a holder of Teacher Fellowship or has been a teacher in a constituent/affiliated college/department	08

			<p>of the University for at least two years, and have previous research experience of at least two years and have research publication(s) comparable to MPhil standards or is an in-service candidate with three years' experience of regular &amp; approved teacher/researcher in higher education/research organization and has master's degree with at least 55% of marks (50% for SC/ST or Differently Abled Categories) in the relevant subjects.</p> <p><b>Procedure for Admission to Ph.D Programme:</b> The procedure shall include written test and interview, which shall carry weightage of 60% and 40% respectively. Candidates belonging to (i), (ii) and (iii) above are exempted from the written test, and in their case the interview shall carry 100% weightage.</p> <p><b>Note:</b> For the candidates seeking admission in Ph.D Programmes and appearing in CUCET-2015 (Central Universities Common Entrance Examination) shall in no way be considered in 'Exemption Category' and in their case interview shall have the weightage of 40 marks. Therefore, candidates are advised to go through the procedure of admission well before</p>	
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			applying.	
5	Psychology	Master of Arts (Psychology)	Graduation from any recognized University with a minimum 50 % marks or equivalent grade in aggregate(45% for SC/ST or differently abled categories)	25
6	Sociology	Master of Arts (Sociology)	Graduation from any recognized University with a minimum 50 % marks or equivalent grade in aggregate(45% for SC/ST or differently abled categories)	15

## 2. School of Chemical Sciences

The School of Chemical Sciences started functioning during the academic year 2013-14 with the inception of Department of Chemistry. This department offers M.Sc programme of two year duration which is divided into four semesters & is based on Choice Based Credit System (CBCS).

Sr. No.	Department	Programme	Eligibility	Number of Seats Available
1	Chemistry	Master of Science (M.Sc.) Chemistry	(i). B.Sc. (Hons.) Chemistry with 50% or above marks in aggregate and 50% or above marks in Chemistry from any recognized Indian or foreign University (foreign recognition to be as per AIU list) Or (ii). Graduation in any branch of Science or Engineering with Chemistry and Biology/Mathematics as two of the Subjects of study with 55% or above marks in the aggregate.	30

### 3. School of Computer Science and Informatics

The School of Computer Science and Informatics started functioning during the academic year 2013-14 with the Department of Computer Sciences. Department of Library and Information Science got functional from the academic year 2014-15. These departments offer PG programmes (4 Semester programme) based on Choice Based Credit System (CBCS).

Sr. No.	Department	Programme	Eligibility	Number of Seats Available
1	Computer Science	Master of Computer Application (MCA-3 Years duration)	Bachelor's degree in any discipline from a recognized Indian or foreign University (foreign recognition to be as per AIU list) with a minimum of 50% aggregate marks or equivalent grade with at least 50% marks (45% for SC/ST) or equivalent grade in Mathematical Sciences (Mathematics/Statistics/Operations Research/Computer Science).	30
2	Library and Information Science	Master of Library & Information Science (M.Lib. & Info. Sc.)  2 yrs.	Graduation from any recognized University with a minimum 50 % marks or equivalent grade in aggregate (45% for SC/ST or differently abled categories)	20

### 4. School of Earth, Environment and Space Studies

This school of the University started functioning from the academic year 2014-15. Two PG Programmes namely two-years Master of Science (Geography) under Department of Geography and Master of Science (Environment Science) under the Department of Environmental Sciences are being offered as per the following details:



<b>Sr. No.</b>	<b>Department</b>	<b>Programme</b>	<b>Eligibility</b>	<b>Number of Seats Available</b>
1	Environmental Science	Master of Science (Environmental Science)	B.Sc. (Hons.)/ B.Sc.(10+2+3) with a minimum 50% marks or equivalent (45% for SC/ST)	30
2	Geography	Master of Science (Geography)	Graduation from any recognized University with a minimum 50 % marks or equivalent grade in aggregate (45% for SC/ST)	30

#### **5. School of Journalism and Mass Communication**

This school was introduced from the academic year 2014-15. This school offers two-year Master of Journalism and Mass Communication (MJMC) programme under the Department of Journalism and Mass Communication. This programme is also based on Choice Based Credit System (CBCS).

<b>Sr. No.</b>	<b>Department</b>	<b>Programme</b>	<b>Eligibility</b>	<b>Number of Seats Available</b>
1	Journalism and Mass Communication	Master of Arts (Journalism and Mass Communication)	Graduation from any recognized University with a minimum 50 % marks or equivalent grade in aggregate (45% for SC/ST or differently abled categories)	20

## 6. School of Language, Linguistics, Culture and Heritage

The School of Language, Linguistics, Culture and Heritage is also one of the founding schools of the University. This school started functioning during the academic year 2009-10 with the Department of English and Foreign Languages offering research programmes—M.Phil and Ph.D and M.A. in English was started w.e.f. the session 2014-15.

Under this School, Department of Hindi and Indian Languages was started in the academic year 2011-12 with M.Phil and Ph.D programmes in Hindi. The Department of Hindi and Indian Languages started M.A. in Hindi from the academic session 2014-15.

Sr. No.	Department	Programme	Eligibility	Number of Seats Available
1	English & Foreign Languages	MA (English)	Graduation from any recognized University with a minimum 50 % marks or equivalent grade in aggregate (45% for SC/ST or differently abled categories)	30
		M.Phil (English)	A candidate shall be eligible for admission to the programme of study leading to the Degree of Master of Philosophy (M.Phil), if he/she had taken Master's degree of any recognized University in relevant subject with at least 55% marks (50% for SC/ST or differently abled categories) or a degree recognized by the University for this purpose as its equivalent.  <b>Procedure for Admission to M.Phil:</b> The procedure includes holding written test and interview, which shall carry weightage of 60% and 40% respectively.	10

		<p>Candidates who have cleared NET/JRF/SLET/Teacher Fellowship shall be exempted from the written test. In such cases the interview shall carry 100% weightage.</p> <p><b>Note:</b> For the candidates seeking admission in M.Phil Programmes and appearing in CUCET-2015 (Central Universities Common Entrance Examination) shall in no way be considered in 'Exemption Category' and in their case interview shall have the weightage of 40 marks. Therefore, candidates are advised to go through the procedure of admission well before applying.</p>	
	Ph.D (English)	<p>A candidate shall be eligible for admission to the Ph.D. programme, if he/she: has M.Phil degree in the relevant subject from the recognized University or has qualified UGC/CSIR- JRF/NET or SLET (Equivalent to NET/JRF as per UGC norms) or a holder of Teacher Fellowship or has been a teacher in constituent/ affiliated college/ department of the University for at least two years, and have previous research experience of at least two years and have research publication(s) comparable to MPhil standards or is an in-service candidate with three years' experience of regular &amp;</p>	05

			<p>approved teacher/researcher in higher education/research organization and has master's degree with at least 55% of marks (50% for SC/ST or Differently Abled Categories) in the relevant subjects.</p> <p><b>Procedure for Admission to Ph.D Programme:</b> The procedure shall include written test and interview, which shall carry weightage of 60% and 40%, respectively. Candidates belonging to (i), (ii) and (iii) above are exempted from the written test, and in their case the interview shall carry 100% weightage.</p> <p><b>Note:</b> For the candidates seeking admission in Ph.D Programmes and appearing in CUCET-2015 (Central Universities Common Entrance Examination) shall in no way be considered in 'Exemption Category' and in their case interview shall have the weightage of 40 marks. Therefore, candidates are advised to go through the procedure of admission well before applying.</p>	
2	Hindi & Indian Languages	MA (Hindi)	Graduation from any recognized University with a minimum 50 % marks or equivalent grade in aggregate (45% for SC/ST or differently abled categories)	30
		M.Phil	A candidate shall be eligible for admission to the programme of study	10

		(Hindi)	<p>leading to the Degree of Master of Philosophy (M.Phil), hereinafter called the programme, if he/she had taken Master's degree of any recognized University in relevant subject with at least 55% marks (50% for SC/ST or differently abled categories) or a degree recognized by the University for this purpose as its equivalent.</p> <p><b>Procedure for Admission to M.Phil:</b> The procedure includes holding written test and interview, which shall carry weightage of 60% and 40% respectively. Candidates who have cleared NET/JRF/SLET/Teacher Fellowship shall be exempted from the written test. In such cases the interview shall carry 100% weightage.</p> <p><b>Note:</b> For the candidates seeking admission in M.Phil Programmes and appearing in CUCET-2015 (Central Universities Common Entrance Examination) shall in no way be considered in 'Exemption Category' and in their case interview shall have the weightage of 40 marks. Therefore, candidates are advised to go through the procedure of admission well before applying.</p>	
		Ph.D (Hindi)	A candidate shall be eligible for admission to the Ph.D. programme, if	05

		<p>he/she:</p> <p>i. Has M.Phil degree in the relevant subject from the recognized University or has qualified UGC/CSIR- JRF/NET or SLET (Equivalent to NET/JRF as per UGC norms) or a holder of Teacher Fellowship or</p> <p>ii. Has been a teacher in a constituent/affiliated college/department of the University for at least two years, and have previous research experience of at least two years and have research publication(s) comparable to MPhil standards or</p> <p>iii. Is an in-service candidate with three years' experience of regular &amp; approved teacher/researcher in higher education/research organization and has master's degree with at least 55% of marks (50% for SC/ST or Differently Abled Categories) in the relevant subjects.</p> <p><b>Procedure for Admission to Ph.D Programme:</b> The procedure shall include written test and interview, which shall carry weightage of 60% and 40% respectively. Candidates belonging to (i), (ii) and (iii) above are exempted from the written test, and in their case the</p>	
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			<p>interview shall carry 100% weightage.</p> <p><b>Note:</b> For the candidates seeking admission in Ph.D Programmes and appearing in CUCET-2015 (Central Universities Common Entrance Examination) shall in no way be considered in 'Exemption Category' and in their case interview shall have the weightage of 40 marks. Therefore, candidates are advised to go through the procedure of admission well before applying.</p>	
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### 7. School of Law, Governance, Public Policy and Management

The School of Law, Governance, Public Policy and Management started functioning during the academic year 2010-11 with the Department of Management Studies offering MBA programme & Department of Law offering LL.M programme. The Department of Commerce started functioning from academic year 2011-12 offering M.Com Programme. These programmes are of two year duration each divided into four semesters and based on Choice Based Credit System (CBCS). Ph.D in Management was started w.e.f. the session 2012-13.

Sr. No.	Department	Programme	Eligibility	Number of Seats Available
1	Commerce	M.Com	<p>A candidate seeking admission to M. Com. course must have:</p> <p>(i) Passed B.Com. (Hons.) Degree from a recognized Indian or foreign University (foreign recognition to be as per AIU list) with at least 50%</p>	30

			<p>marks or equivalent grade, Or</p> <p>(ii). Passed B.Com. (Pass) or B.Com. Degree from a recognized Indian or foreign University (foreign recognition to be as per AIU list) with at least 55% marks or equivalent grade. Or</p> <p>(iii). Passed B.A. (Hons.) Economics degree from a recognized Indian or foreign University (foreign recognition to be as per AIU list) with at least 50% marks or equivalent grade. Or</p> <p>(iv). Passed B.B.S., B.B.A., B.I.F.A. or B.B.E. degree from a recognized Indian or foreign University (foreign recognition to be as per AIU list) with at least 60% marks or equivalent grade.</p> <p><b>Note:</b> 5% relaxation in aggregate of marks for SC/ST candidates.</p>	
2	Law	LL.M	Candidates having a three year/ five LL.B Degree from a recognized Indian or foreign University (As per AIU list) with at least 50% marks or equivalent grade point in aggregate (45% for SC/ST or differently abled categories).	20
3	Management Studies	MBA (Masters in Bussiness	Bachelor's degree in any discipline from a recognized Indian or foreign University (foreign recognition to be	30

	Administration)	as per AIU list) with at least 50% marks aggregate or equivalent grade(45% for SC/ST or differently abled categories)	
	Ph.D (Management)	<p>A candidate shall be eligible for admission to the Ph.D. programme, if he/she:</p> <ul style="list-style-type: none"> <li>i. Has M.Phil degree in the relevant subject from the recognized University or</li> <li>ii. Has qualified UGC/CSIR-JRF/NET or SLET (Equivalent to NET/JRF as per UGC norms) or a holder of Teacher Fellowship or</li> <li>iii. Has been a teacher in a constituent/affiliated college/department of the University for at least two years, and have previous research experience of at least two years and have research publication(s) comparable to MPhil standards or</li> <li>iv. Is an in-service candidate with three years' experience of regular &amp; approved teacher/researcher in higher education/research organization and has master's degree with at least 55% of marks (50% for SC/ST or</li> </ul>	08

			<p>Differently Abled Categories) in the relevant subjects.</p> <p><b>Procedure for Admission to Ph.D Programme:</b> The procedure shall include written test and interview, which shall carry weightage of 60% and 40% respectively. Candidates belonging to (i), (ii) and (iii) above are exempted from the written test, and in their case the interview shall carry 100% weightage.</p> <p><b>Note:</b> For the candidates seeking admission in Ph.D Programmes and appearing in CUCET-2015 (Central Universities Common Entrance Examination) shall in no way be considered in 'Exemption Category' and in their case interview shall have the weightage of 40 marks. Therefore, candidates are advised to go through the procedure of admission well before applying.</p>	
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### 8. School of Physical and Mathematical Sciences

The School of Physical sciences started functioning during the academic year 2013-14 with the Department of Statistics & Department of Physics coming into existence. The Department of Mathematics was established in the academic year 2014-15. These departments offer M.Sc programmes of two-year duration which are divided into four semesters & are based on Choice Based Credit System (CBCS).

Sr.	Department	Programme	Eligibility	Number
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<b>No.</b>				<b>of Seats Available</b>
1	Mathematics	M.Sc (Mathematics)	B.A/B.Sc. or B.A/B.Sc./B.Com.(Hons.) with not less than 50% marks in aggregate OR in the subject concerned (45% for SC/ST or differently abled categories)	30
3	Physics	M.Sc (Physics)	(i). B.Sc. (Hons.) Physics from any recognized Indian or foreign University (foreign recognition to be as per AIU list) with 50% or above marks or equivalent grade in aggregate and 50% or above marks or equivalent grade in in Physics. Or (ii). Graduation in any branch of Science or Engineering with Physics and Mathematics as two of the Subjects of study with 55% or above marks or equivalent grade in in the aggregate and 55% or above marks or equivalent grade in in Physics.  (45% for SC/ST or differently abled categories)	30
2	Statistics	M.Sc (Statistics)	Bachelor's degree in any discipline from a recognized Indian or foreign University (foreign recognition to be as per AIU list) with a minimum of 50% aggregate marks or equivalent grade with at least 50% marks in Statistics/Mathematics as one of the papers in the degree course (45% for	15

			SC/ST or differently abled categories)	
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**9. Provide details of admission process in the affiliated colleges and the University's role in monitoring the same.**

Central Universities Act 2009 doesn't allow University to give affiliation to any other college or institute in India and abroad.

**10. Does the University have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?**

The Central University of Haryana reviews its admission process annually by discussion with the members of the admission committee. The different intake capacities are published on the University website as well as leading national daily. After entrance test at national level, admission counselling sessions are conducted in different programmes. During counselling, an attempt is made to understand the specific requirements, if any, of admitted students so as to ensure special sessions for catering such requirements in the beginning of the academic session. On the basis of such assessments of student's profiles, the same is, sometime referred to the Career Counselling, Training and Placement Cell of the University for further necessary initiatives required. Through the review of admission process, necessary inputs are incorporated in the policy of admission for the next year.

**2.1.3 What are the strategies adopted to increase / improve access for students belonging to the following categories:**

- **SC/ST:** Reservation/scholarships and stipends offered by the Centre/State governments or UGC and the relaxation to pay the admission/tuition fee in instalments or on receipt of the scholarships/stipends by them. ( this relaxation is given on the basis an undertaking had from the students that they will pay the admission/tuition fees on receipt of stipend/scholarship).
- **OBC:** Reservation in admission and scholarships and stipends offered by the Centre/State governments or UGC (like National Fellowship for OBC Candidate).
- **Women:** Internal Complaint Committee for Prevention, Prohibition and Redressal of

Sexual Harassment and UGC scheme for Post-Graduate Indira Gandhi Scholarship for Single Girl Child.

- **Persons with varied disabilities:** University has established a dedicated Cell for the Persons with Disabilities (PWD) and Rajiv Gandhi National Fellowship for Students with Disabilities.
- **Economically weaker sections:** University runs a special Earn While You Learn (EWYL) scheme for the deserving students belonging to economically weaker sections. Under this scheme, selected students are engaged to contribute in Library, Labs and other such activities where they learn and earn. Maximum honorarium paid to a student is Rs. 3000/- p.m.
- **Outstanding achievers in sports and other extra-curricular activities**

The University is in the process of developing the sports facilities and the playgrounds like Cricket, Volley Ball, Athletic Track, Kho-Kho, Hand Ball, etc. Besides, indoor game facilities like Table Tennis, Badminton, Gymnasium, etc. have also been put in place for the students' and staff of the University. However, as such there is no award/trophy, etc. have been won by the University sportsperson but they have participated in many sports events.

Further, the University is governed by the reservation policies of the Govt. of India and University Grants Commission as issued and amended from time to time.

The reservation policy followed by the University for the current academic year is as follows:

- In deciding eligibility at the time of application for entrance test and admission:  
5% relaxation in marks to SC/ST/PH candidates for deciding minimum eligibility conditions.
- 10% relaxation for Kashmiri migrants for deciding minimum eligibility conditions.
- Reservation is available to the candidates belonging to the following categories as per Govt. of India norms:

✓ Other Backward Class (OBC) – NCL	=	27%
✓ Scheduled Class (ST)	=	15%
✓ Scheduled Tribes (ST)	=	7.5%
✓ Physically Handicapped (PwD's/PH)	=	3%
✓ Up to 5% supernumerary seats (over and above the prescribed seats) for Kashmiri		



migrants.

A candidate in order to be eligible for any concession/Benefits under the Person with Disability (PwD) category, should have minimum degree of disability to the extent of 40%. Further that the certifying authority in all such cases will be a medical board at the district level consisting of the Chief Medical Officer/ Sub divisional Medical Officer in the district and other experts in the specified fields. Viz. Ophthalmic surgeon in the case of visually challenged (handicapped) and ENT surgeon or an audiologist in case of speech and hearing challenged (handicapped), an orthopaedic surgeon or a specialist in physical medicine and rehabilitation in case of locomotor challenged (handicapped).

Reservation to OBC candidates will only be applicable to the candidates belonging to “Non Creamy Layer”. All such candidates are required to submit an OBC (Central Government List) certificate from the competent authority, format of which is available on <http://ncbc.nic.in/backward classes/index.html>.

#### 2.1.4 Number of students admitted in University inception:

The list of students (category wise and Gender wise) admitted to various courses right since inception of the University is as below:

Category	Year 1 (2009-10)		Year 2 (2010-11)		Year 3 (2011-12)		Year 4 (2012-13)		Year 5 (2013-14)		Year 6 (2014-15)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	02	02	08	05	15	06	09	14	09	08	64	33
ST	1	-	01	-	-	-	01	-	-	-	14	02
OBC	05	05	16	16	25	21	21	16	28	29	129	90
Gen	09	08	14	12	11	21	16	20	16	12	88	68
Others	-	-	--	-	-	-	-	-	-	-	-	-

**2.1.5 Has the University conducted any analysis of demand ratio for the various programmes of the University departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.**

The data given in table below represents the demand ratio of various courses/Programs over last four years:

UG	2009-10			2010-11			2011-12			2012-13			2013-14			2014-15			2015-16		
	Programmes	Number of students Applied	Demand Ratio	Number of students Applied	Demand Ratio	Number of students Applied	Demand Ratio	Number of students Applied	Demand Ratio	Number of students Applied	Demand Ratio	Number of students Applied	Demand Ratio	Number of students Applied	Demand Ratio	Number of students Applied	Demand Ratio	Number of students Applied	Demand Ratio		
17	15	1:1	15	1:1	199	1:4	247	1:5	621	1:8	7365	1:18	9981	1:18	No admissions offered						
17	15	1:1	15	1:1	48	1:4	46	1:5	76	1:8	410	1:18	545	1:18	No admissions offered						
1:1	1:1	1:1	1:1	1:2	1:2	1:4	1:5	1:9	1:5	1:8	1:17	1:18	1:63	1:18	No admissions offered						
43	43	1:1	21	1:2	98	1:5	230	1:9	117	1:8	708	1:17	2552	1:18	No admissions offered						
13	21	1:1	21	1:2	20	1:5	26	1:9	26	1:8	41	1:17	40	1:18	No admissions offered						
1:3	1:2	1:2	1:2	1:2	1:2	1:4	1:5	1:9	1:5	1:8	1:17	1:18	1:63	1:18	No admissions offered						
203	98	1:2	98	1:2	20	1:5	230	1:9	117	1:8	708	1:17	2552	1:18	No admissions offered						
31	20	1:5	20	1:5	20	1:5	26	1:9	117	1:8	708	1:17	40	1:18	No admissions offered						
1:0	1:5	1:5	1:5	1:5	1:5	1:4	1:5	1:9	1:5	1:8	1:17	1:18	1:63	1:18	No admissions offered						
201	230	1:5	230	1:5	230	1:5	26	1:9	117	1:8	708	1:17	2552	1:18	No admissions offered						
23	26	1:9	26	1:9	26	1:9	26	1:9	117	1:8	708	1:17	40	1:18	No admissions offered						
1:11	1:9	1:9	1:9	1:9	1:9	1:4	1:5	1:9	1:5	1:8	1:17	1:18	1:63	1:18	No admissions offered						
No admissions offered															No admissions offered						

The data given in table above reveals the following:

- i) The University started functioning in the year 2009 and in that year only the admission were offered in the research programmes in English and Economics because of the space constraints.
- ii) In the year 2010 the admissions were offered in PG Courses in the programmes; MBA, Economics, Law, Education, etc.
- iii) In the year 2011, two new departments, Department of Commerce and Hindi were started.
- iv) In the year 2013, four new PG programmes were started including Statistics, Physics, Chemistry and Computer Science with an intake of 15 students.
- v) In the year 2014, few new PG programmes were started in the Departments including

Sociology, Geography, Psychology, Environmental Science, Mathematics, Journalism and Mass Communication, Library and Information Science. During this year the University decided to participate in CUCET (Central Universities Common Entrance Test) to attract the talent from all over the country.

- vi) In the year 2015-16 the University decided to launch few new PG and research programmes like; Biotechnology, Microbiology, Nutrition Biology, Biochemistry and Hotel Management and Catering Technology for which the admission were made on the basis of merit. Whereas in the other 20 programmes the University continued with CUCET for which large number of applications were received those who opted to take admission in Central University of Haryana.

It is evident from the records that demand ratio has increased many fold and the University has achieved a national character especially after the introduction of CUCET as the quality of students admitted has also visibly gone up.

**2.1.6 Were any programmes discontinued/staggered by the University in the last four years? If yes, please specify the reasons.**

All programs as initiated by the University are being run continuously and well in demand of students. The integrated M.Phil and Ph.D programme which was started in 2009 was discontinued by the University authorities.

**2.2 CATERING TO STUDENT DIVERSITY**

**2.2.1. Does the University organize orientation / induction programme for fresher's? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.**

The University envisions to develop conducive culture for grooming all round personality of young students during their stay at University. Every individual at University, be it students, teaching staff, non-teaching staff or the third party associates who are directly or indirectly connected with various operations of the University altogether foster this culture to nourish and produce the community of learners who are sensitive to societal, national and global needs while remaining conscious of the career opportunities.

The orientation programmes are conducted so as to familiarize the new students with the University atmosphere and its norms. All the new students inducted in various courses at University every year are addressed by the authorities of the University on the very first day of the session. The culture and legacy of the University is shared with the students and further they are advised to support the University fraternity to further grow the culture at campus better for learning and development of the students.

During the orientation programme, all students are informed about the welfare schemes, scholarships and other financial assistance. Welfare. Various facilities available at University campus are shared with the students like Earn while you Learn program, Library facility, Hostel facility, Administrative structure of the University and Anti Ragging provision. They are informed about the Cells/Clubs and other academic initiatives of the University.

Every department organizes familiarization programs and interaction of freshers separately with senior students of the department.

**2.2.2. Does the University have a mechanism through which the “differential requirements of the student population” are analysed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?**

As different blocks are required to fill the holes of different size and shape, similarly identification of differential requirements of the student population is must for overall development of the complete lot of the students. Every teaching faculty interacts with the individual students before commencement of actual classes and before entering into the formal teaching curriculum. The students are assessed based on their previous qualifications, their background and previous educational institutions. The organs of the University like Equal Opportunity Cell, SC/ST Cell, OBC Cell, Cell for the Persons with Disabilities (PWD), Career and Placement Opportunities Cell, NSS, Youth Red Cross Unit, Women Empowerment Cell and Scholarship Section attend to the differential needs and issues of the students.

The key issues of different lots of students are identified by the Cells and Clubs through interaction and are addressed accordingly as per their present capabilities and strengths.

**2.2.3. Does the University offer bridge/ remedial/ add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?**

In today's era where students need to undergo cut throat competition at every stage so as to achieve success in their ultimate goal, getting adequate educational qualification is the necessary requirement but not the sufficient requirement to succeed in practical life. Therefore, the University conducts remedial classes and sessions for career counselling, training & placement. University also runs skills/ proficiency development classes, Basic Computer skill classes and imparts coaching for NET and other competitive classes through Career and Placement Cell. These classes are taken by the internal faculty from various departments beyond the regular time table.

**2.2.4. Has the University conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, physically handicapped, slow learners, etc.? If yes, what are the main findings?**

Women Empowerment Cell, Legal-Aid Clinic, Department of Education and NSS/YRC Units regularly conduct socio-legal, economic and cultural survey at regular intervals as a special drive to assess the difficulty level being faced by the students from disadvantaged sections of society, economically disadvantaged, physically handicapped and slow learners.

**The general findings of the surveys conducted by the University include:**

Area/Topic of Study: **Children with Special Needs and their Educational Aspirations: A Perceptive study of Peers of Children with Special Needs (CWSN)" by By Mr. Dilbag (M.Phil. Scholar), Department of Education.**

Findings of this study according to its objectives are:

- (I) To find out educational opportunities available for Children with Special Needs (CwSN):** After review of educational policies, it is found that there are policies at various levels which are focused upon bringing the CwSN to the formal system of education. After 86<sup>th</sup> Constitutional Amendment and implementation of RTE Act- 2009, equal opportunities are available to CwSN in common schools. There are reserved seats available for CwSN in higher educational institutions and Universities to make sure their access in higher education and some other supporting facilities like scholarship, reservation of seats, exemptions in some skill tests, audio-visual aid, recorded study material, recorded lectures, home school education and hostels. These policies provide

equal access and safeguard to CwSN in special schools, inclusive schools, and higher educational institutions and in Universities. However there is lack of awareness among CwSN about educational opportunities and schemes for the benefits of state and central government.

**(II) To understand educational aspirations of CwSN:** It is found that in CwSN the level of educational aspirations is not very high. Majority of students stand at the level of below average. The level of educational aspirations of 58% students is less than average. Only 18% students have very high educational aspirations and 10% are at the level of high educational aspirations.

**(III) To compare educational aspirations of Male and Female in the Category of CwSN:** The level of educational aspirations is low in Girls than Boys. Most of the boys want to complete their higher education. Analysis of data presents that there are actually 23% boys, those have high educational aspirations, though 15% Girls have high educational aspirations and other 80% girls are at the level of average and below average and 13% Boys have the above average of educational aspirations. As per the data, total 37% Boys have level of above average and only 20% girls' stand at this level of educational aspirations.

**(IV) To examine the motivational factor of very high educational aspirations of CwSN:** Most of the special children, those have very high educational aspirations are motivated for higher education by their experiences, beliefs, economic and social desires. There are specially two aspects motivating them for higher education, one is to help them establish their social identity and second is to enable them to be economically strong by getting a nice job, as analyzed in their responses. These two factors are shaped by socialization processes and children experiences in childhood, mostly motivating them for higher education.

**Educational implications of study:**

**Parents and Teachers:** This study will be helpful to parents and teachers to understand the level of educational aspirations of CwSN and suggests them to provide information of educational opportunities available for CwSN of state and central government. Study will promote the role of parents and teachers in formation of their educational aspirations.

**Policy maker:** Study can be considered to design a policy framework to increase educational aspiration among CwSN.

***Institutional leaders:*** Institutional leaders are expected to understand their educational aspirations, available educational opportunities and to organize teaching-learning process accordingly. They can consider this study to reframe their curricular and co-curricular activities in context of their educational aspirations.

### **Conclusion**

The purpose of this study was to contribute to an understanding of level of educational aspirations of CwSN. It was found that the level of educational aspirations is not very high, but not equally in all. Some students have very high educational aspirations and they want to achieve highest degree in their life. The level of educational aspirations of CwSN is determined by gender and socio- economic status of their families. Socialization processes and its experiences are major determinants of their educational aspirations.

#### **2.2.5. How does the University identify and respond to the learning needs of advanced learners?**

Advanced learners are the assets to the University and, therefore, such students are provided conducive platform to inculcate research aptitude, innovative thinking and to enhance their intellectual capabilities through advanced techniques. Some of the activities initiated by the University to promote the advanced learners are as follows:

- i. Providing opportunities for interface with academic and industry experts
- ii. Organizing seminars and workshops on various emerging topics
- iii. Quiz competitions are organized from time to time
- iv. Summer trainings for the students in the industries
- v. Organising Book Reading sessions inviting participation of students
- vi. Organising Extension Lectures by the renowned scientists and academicians.
- vii. Providing latest print and online resources to the students in the library
- viii. By providing computer laboratory with internet facility



## **2.3 TEACHING-LEARNING PROCESS**

### **2.3.1 How does the University plan and organise the teaching, learning and evaluation schedules (academic calendar, teaching plan, evaluation blue print, etc.)?**

Detailed annual academic calendar is prepared by the University before the commencement of the classes and it is uploaded on the University website. Ordinance itself defines the requirements of credits, sessional tests/assignments and evaluation process.

All the faculty members are encouraged to plan their lectures in advance. Students are directed in advance about the sessional evaluation comprising sessional test I & II, presentations and assignments. Sessional test I is held during the sixth week of the semester for the syllabi covered till then. Sessional II is held during the twelfth week. End-semester examination covering the entire syllabus is conducted by the examination branch as clearly specified in the Ordinance.

### **2.3.2 Does the University provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?**

Every faculty announces the course outlines and detailed course schedule (for the whole semester) before the commencement of regular classes for their respective courses allotted to them well before the commencement of the academic session. The Head of the Department ensures the effective implementation of the same.

### **2.3.3 Does the University face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.**

The course curriculum is designed with meticulous planning along with time span allotted to every topic and is thereby completed well in time as per plan of the course. The course is completed with the help of case studies presentations, class room lectures, organizing student-oriented seminars, workshops and industrial visits.

In case of any deviation, if arises, the same is being met by organizing extra classes at the department level itself. It becomes pertinent to share that there has not been any such deviation at CENTRAL UNIVERSITY OF HARYANA since inception.

**2.3.4 How learning is made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.**

At the University, teaching/learning is being pursued with central focus on students as content delivery and lecture methods are reinforced with participation of students by conducting simulations, self-prepared presentations, group discussions, quiz competitions, assignments, case studies, industry visits and industrial trainings, student-centric seminars/workshops, panel discussions, post-dinner talks and discussions.

In every learning exercise, students are enabled to have all-round development empowering them to face any sort of challenges in their real lives after completion of their formal education.

**2.3.5 What is the University's policy on inviting experts / people of eminence to deliver lectures and/or organize seminars for students?**

Every department is allocated certain budget for every academic session to organize seminars, extension lectures and workshops by inviting industry and academic experts from the best of the institutions in the country.

The University encourages for organizing and initiating such advance learning activities and motivates students for active participation in the learning sessions conducted from time to time.

**2.3.6 Does the University formally encourage blended learning by using e-learning resources?**

In today's era of internet and technology, the whole world has become a small global village. Any advancement or research done in any corner of the globe can be known just with a click of the mouse on your desktop. The requirements to learning and the means to learn are changing very fast. To cop up with this change, the University encourages blended learning for its students by using e-learning resources.

The academic buildings and Hostel buildings are Wi-Fi enabled; various e-journals are made available to students through INFLIBNET.

The faculty of the University has initiated the process of developing Massive Online Open Courses (MOOCs) in various departments.

Ensuring IT intervention for qualitative reforms, University has even initiated the process of compulsory plagiarism check before the submission of M.Phil/Ph.D thesis.

**2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning, open educational resources and mobile education used by the faculty for effective teaching?**

The faculty members at Central University of Haryana are provided with internet/Wi-Fi connections in their academic buildings and residential areas. Besides, each department has been provided with basic computer printer and LCD projector facility to facilitate the faculty in preparation of lectures before using latest information and advancements of the area through internet and various e-journals.

The usage of LCD projectors and conducting simulations is a very common practice in the University.

**2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the University's educational processes?**

The faculty members at University themselves monitor the trends and issues regarding developments in open source community and integrate the benefits of the same in educational process of the University. However, the formal group of faculty members is being set up to monitor the trends and issues regarding the development of open source community in the University.

**2.3.9 What steps has the University taken to orient traditional classrooms into 24x7 learning places?**

Learning is a continuous process and takes place round the clock, round the week and round the year and, therefore, to add rigor to learning exercise, all the teachers remain in touch with their students through presentations, assignments, quizzes, group discussion, brain storming and other smart gazettes available online. Any query may be discussed or text may be written by the students to their respective teachers at any point of time. The availability of Wi-Fi system in the academic and hostel buildings have extended the boundaries of learning beyond the traditional classrooms. The faculty ensures the optimum utilisation of ICT enabled services in knowledge exchange and dissemination.

**2.3.10 Is there a provision for the services of counsellors / mentors/ advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.**

At the University, the students are counselled through various mechanisms and their grievances/queries are resolved at the earliest. The platforms/cells through which the students may have proper counselling, guidance and advice from the below mentioned cell are as below:

<b>Name of the Cell</b>	<b>Students Benefited</b>
Career Counselling, Training and Placement Cell	Appx. 350
Dean of Students' Welfare (DSW)	All the issues concerning welfare of students are routed through DSW
Students' Grievance Redressal Cell	Till date all the grievances received have been resolved amicably
Students' Advisors provided at department level	Appx. 1:5 Teacher Students Ratio is maintained
SC/ST Cell	10
Equal Opportunity Cell	Students are entertained
Women Empowerment Cell	40
Legal Aid Clinic	60

**2.3.11 Were any innovative teaching approaches/methods/practices adopted/put to use by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?**

The teaching faculty at CUH is committed to impart learnings to its students with innovative and latest technology so as to make learning process simple, long lasting and interesting.

Apart from regular classroom teachings, various innovative methods being used by teaching faculty during last four years are:

- Panel discussions.
- Simulations
- Research Projects
- Industrial Trainings
- Group Discussions.
- Case Study Discussions etc.

Especially, the department of management studies adopts the teaching methodology through case studies and also field works are assigned to the students time to time to impart practical knowledge about the industry and enabling them in better decision making. The outcome of such innovative methods of learning are being judged regularly by way of taking feedback from students through discussions and any changes found appropriate are incorporated for further betterment of the teaching learning process. The students' feedback is taken through well-devised proforma.

**2.3.12 How does the University create a culture of instilling and nurturing creativity and scientific temper among the learners?**

The University is sensitive about developing the culture of nurturing creativity and scientific temper among its learners by focusing on individual learners through:

- Usage of internet
- Usage of e-journals
- Usage of data-base available at University
- Discussion on more and more case studies
- Role play methods of learning etc.
- Sensitisation programmes being organised by the Cells like Women Empowerment

Cell, Legal Aid Clinic, NSS, Youth Red Cross Units etc.

**2.3.13 Does the University consider student projects mandatory in the learning programme? If yes, for how many programmes have they been (percentage of total) made mandatory?**

In some of the professional courses projects are made mandatory in the learning program so as to provide the students initial exposure of working style in industries. The programmes wherein the projects are mandatory are MBA, Computer Science, Commerce, Statistics, Education, Physics, Chemistry, M.Lib, Biotechnology, Biochemistry, Microbiology, Nutrition Biology and Tourism and Hotel Management.

- Number of projects executed within the University: 136 Projects
- Names of external institutions associated with the University for Student Project Work:
  - SVI Analytica, New Delhi
  - Centre for Innovative and Applied Bio-processing, Mohali
  - Technology-based Incubator (TBI), University of Delhi (South Campus), New Delhi
  - National Small Industries Corporation (NSIC), New Delhi
  - National Cooperative Union of India, New Delhi

**Role of faculty in facilitating such projects:**

The faculty members play an important role as advisors/guides in completing the project work as mandatory part of their course curricula. The students are being guided at each step by their respective faculty members during completion of their project with external institutions. The University is associated with external institutions so as to facilitate students to carry out their project work.

**2.3.14 Does the University have a well-qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?**

The University is one of the new central universities established in 2009. The University is in the process to appoint senior faculty in different departments and disciplines, however, at present there are 03 Professors, 05 Associate Professors and 69 Assistant Professors as a qualified pool of human resource in the University. To fill the gap, in the mean time, human

resource in various departments is being taken care by inviting qualified Professors on deputation and also through contractual appointments.

**2.3.15 How are the faculty enabled to prepare computer-aided teaching/ learning materials? What are the facilities available in the University for such efforts?**

The faculty members are well versed with technology so as to prepare computer-aided audio visual aids for teaching materials. They are well equipped with laptop, desktop, internet facility and Wi-Fi system in academic blocks as well as residential areas. Further, the University is in the process of providing at least LCD/DLP projectors in every department so as to optimize the usage of ICT in teaching learning process.

**2.3.16 Does the University have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?**

As University believes in the culture of continuous improvement in teaching learning process, the interaction of teachers and students is quite open and the alumni feedback is had through feedback link on the University website and formal department-level meets at regular intervals. Cells/Clubs and the departments have included the potential alumni in the process of devising the draft plan and objectives. The University has also devised a informal mechanism for alumni feedback.

## **2.4 TEACHING QUALITY**

**2.4.1 How does the University plan and manage its human resources to meet the changing requirements of the curriculum?**

Presently, the University has the faculty strength of 77 and nearly 100 positions are lying vacant for which the advertisement has already been given and a large number of applications have been received for various faculty positions. The data entry for the applications received is complete and the screening process is underway. In most likelihood, University will have a large pool of faculty members in various disciplines, very soon.

**2.4.2 Furnish details of the faculty**



The required details are given in the following table:

Highest Qualification	Professors		Associate Professors		Assistant Professors		Total
	Male	Female	Male	Female	Male	Female	
<b>Permanent Teachers</b>	NIL	NIL	02	01	15	12	<b>30</b>
D.Sc./D/Litt.	NIL	NIL	NIL	NIL	NIL	NIL	<b>NIL</b>
Ph.D.	NIL	NIL	<b>02</b>	<b>01</b>	<b>12</b>	<b>06</b>	<b>21</b>
M.Phil.	NIL	NIL	NIL	NIL	02	03	<b>05</b>
PG	NIL	NIL	NIL	NIL	<b>01</b>	<b>03</b>	<b>04</b>
<b>Teachers on Deputation</b>	<b>02</b>	NIL	<b>01</b>	NIL	<b>01</b>	NIL	<b>04</b>
D.Sc./D/Litt.	NIL	NIL	NIL	NIL	NIL	NIL	<b>NIL</b>
Ph.D.	01	NIL	01	NIL	01	NIL	<b>03</b>
M.Phil.	NIL	NIL	NIL	NIL	NIL	NIL	<b>NIL</b>
PG	NIL	NIL	NIL	NIL	NIL	NIL	<b>NIL</b>
<b>Contractual/ Guest/Inspire Teachers</b>	01		01		26	15	<b>43</b>
D.Sc./D/Litt.	NIL	NIL	NIL	NIL	NIL	NIL	<b>NIL</b>
Ph.D.	01	NIL	01	NIL	19	10	<b>31</b>
M.Phil.	NIL	NIL	NIL	NIL	02	01	<b>03</b>
PG	NIL	NIL	NIL	NIL	05	04	<b>09</b>

<b>Total</b>	<b>02</b>	<b>05</b>	<b>69</b>	<b>77</b>
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**2.4.3 Does the University encourage diversity in its faculty recruitment? Provide the following details (department / School wise).**

University encourages diversity in its faculty recruitment and, therefore, there are significant no. of teachers from outside the state. The position is as under:

<b>Sr. No.</b>	<b>Department</b>	<b>% faculty from the same University</b>	<b>% faculty from other Universities within the same State</b>	<b>% faculty from Universities outside the state</b>	<b>% faculty from other countries</b>
1.	Economics	50	25	25	00
2	Education	00	25	75	00
3	English	16.5	67	16.5	00
4	Hindi	00	33.33	66.66	00
5	History	00	00	100	00
6	Political Science	00	33.33	66.66	00
7	Psychology	00	00	100	00
8	Sociology	00	00	100	00
9	Management	00	20	80	00
10	Commerce	00	100	00	00
11	MCA	00	66.66	33.33	00
12	Journalism	00	100	00	00
13	Law	00	75	25	00

14	Library and Information Science	00	33.33	66.66	00
15	Environmental Science	00	67	33	00
16	Geography	00	00	100	00
17	Chemistry	00	25	75	00
18	Physics	00	20	80	00
19	Mathematics	00	00	100	00
20	Statistics	00	100	00	00
21	Bio-Technology	00	50	50	00
22	Microbiology	00	00	100	00
23	Nutrition Biology	00	00	100	00
24	Bio-Chemistry	00	00	100	00
25	Tourism and Hotel Management	00	66.66	33.33	00

**2.4.4 How does the University ensure those qualified faculties are appointed for new programmes / emerging areas of study (Bio-technology, Bio-informatics, Material Science, Nanotechnology, Comparative Media Studies, Diaspora Studies, Forensic Computing, Educational Leadership, etc.)? How many faculty members were appointed to teach new programmes during the last four years?**

Even before a new programme is launched, an attempt is made through wide publicity to fill the vacant faculty position through the website of the University, National Newspapers and local newspapers to attract the talent from all over the country. Full details regarding the same is displayed on the website of the University along with detailed selection criterion strictly in accordance with the UGC/AICTE guidelines as applicable time to time. It is also ensured that sufficient time is given to receive the applications from the far flung areas of the country. After receiving the applications, the details of each and every application is endorsed in the records in the recruitment cell, established especially for the purpose, under the strict observation of the Vice Chancellor. After having recorded all the applications, Screening Committees are appointed by the University to check the eligibility of the candidates according to the specialization required in the departments. On the recommendations of the Screening Committee the candidates are shortlisted as per the norms decided by the University. After that, Selection Committees are held with the help of invited experts in the concerned areas.

In the recruitments of the first phase, University considered the specialisation in the relevant emerging areas of study. The details of the faculty are given in serial number 2.4.3 above.

**2.4.5 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the University?**

The guidelines of hiring Emeritus Professors, Adjunct Faculty and Visiting Professors is in progress and soon the University will have a rich pool of such faculties. University has already framed the ordinance for hiring Adjunct Faculty.

**2.4.6 What policies/systems are in place to academically recharge and rejuvenate teachers (e.g. providing research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/international conferences etc.?)**

University has the practice of encouraging the faculty members to recharge themselves through orientation programmes, refresher courses, visiting assignments, etc. The University has the culture to motivate the faculty to participate in the National and International seminars and conferences time to time and there is provision of study leave, maternity leave, paternity leave, academic leave, duty leave, etc. for attending such events/occasions. There is provision of many awards for recharging and motivating the faculty like—Best Research Paper Award, Best Teacher award, Best Department Award in terms of maintenance and cleanliness, etc.

**2.4.7 How many faculty received awards / recognition for excellence in teaching at the state, national and international level during the last four years?**

**1. Prof. Ashish Dahiya**

- Recipient of ‘AttithyaRatanPuraskar’ Gem of Hospitality Award 2013, HNB Garhwal Central University, Uttarakhand.
- Recipient of ‘Teacher of the Year Award – Best Teacher Male’ Pearson Teaching Awards 2013, New Delhi.
- Recipient of ‘Indian Hospitality Congress Award’ 2014, Mumbai.

**2. Ms. Shelley Duggal:**

- Recipient of 'The Aspiring Researchers of Hospitality, Travel & Tourism' award Indian Hospitality Congress Awards 2014, Mumbai

**3. Dr. Amit Kumar**

- बाबूबालमुकुंदगुप्तसाहित्यएवंपत्रकारितासंरक्षणपरिषद, रेवाड़ीद्वारावर्ष 2014 के ‘बाबूबालमुकुंदपुरस्कार’ सेसम्मानित

**4. Dr. Sanjiv Kumar**, Associate Professor, Department of English and Foreign Languages

- Nominated as the Inspired Teacher by the University to attend In-Residence Inspired Teachers Programme at RashtrapatiBhawan from June 6-12, 2015.

#### 5. Dr. Richa Sharma

- Awarded the “Young Scientist Award” for Environmental Microbiology by Association of Microbiologists of India in 2012.

#### 6. Dr. Sarika Sharma

- Awarded with “Samaj Rattan Award” by Human Development Society, Delhi in 2012.

#### 2.4.8 How many faculty underwent staff development programmes during the last four years (add any other programme if necessary)?

The brief information of the faculty who have undergone various staff development programmes is given below. The detailed information shall be made available to the Peer Team during the visit.

Academic Staff Development Programme	No. of Faculty
Refresher Courses	08
Orientation Programmes	16
HRD Programmes	00
Staff Training conducted by the University	05
Staff Training conducted by other institutions	05
Summer/Winter School, Workshops, etc.	17

#### 2.4.9 What percentage of faculty have

- ❖ **Been invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies?**
  - About 35.52% of the faculty have been invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies.
- ❖ **Participated and presented paper in external Workshops / Seminars / Conferences organized by external professional bodies?**

- About 86% of the faculty have participated and presented papers in external Workshops / Seminars / Conferences organized by external professional bodies.

❖ **Teaching experience in other universities / national institutions and other institutions?**

- Approximately 67% of the faculty have teaching experience in other universities / national institutions and other institutions.

❖ **Industrial engagements?**

- About 14% of the faculty have industrial engagement.

❖ **International experience in teaching?**

More than 5% faculty members have international experience in teaching.

**2.4.10 How often does the University organize academic development programmes (e.g. curriculum, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?**

Most of the teaching departments organize academic development programmes through its Board of Studies and School Boards in the beginning of each academic session and also as and when required for developing and revising the curriculum, teaching pedagogy and other reforms related to content so that the new inputs can be incorporated in the syllabi in accordance with the contemporary requirements of the course. All efforts are made to ensure full participation from the faculty members from the concerned and sister departments. Time to time input from the students is also sought and being incorporated in the curriculum.

**2.4.11 Does the University have a mechanism to encourage**

❖ **Mobility of faculty between universities for teaching?**

❖ **Faculty exchange programmes with national and international bodies?**

**If yes, how have these schemes helped in enriching the quality of the faculty?**

The University follows the guidelines received from the UGC/AICTE time to time for the above mentioned criterion. In addition to this the University is in the process of engaging the people from the industries, NGOs and other academic institutions/universities to have exchange of the academic inputs. Definitely these efforts have been successful in the past and the process of engaging more and more people from various type of institutions is in progress. Some of the recent collaborations with this objective include—



- SVI Analytica, New Delhi
- Centre for Innovative and Applied Bio-processing, Mohali
- Technology-based Incubator (TBI), University of Delhi (South Campus), New Delhi
- National Small Industries Corporation (NSIC), New Delhi
- National Cooperative Union of India, New Delhi

## **2.5 EVALUATION PROCESS AND REFORMS**

### **2.5.1 How does the University ensure that all the stakeholders are aware of the evaluation processes that are operative?**

All the ordinances related to examinations, syllabus, related proforma, etc. are made available in each department and also uploaded on the University website for the information of the students. In addition, a duly attested hard copy of the ordinances and syllabus is also supplied to all the head of departments by the controller of examinations. The scheme of evaluation relating to internal as well as external assessment is also made available to the faculty and the students as and when required.

### **2.5.2 What are the important examination reforms initiated by the University and to what extent have been implemented in the University departments and affiliated colleges? Cite a few examples which have positively impacted the examination management system.**

Various ordinances related to examinations are displayed on the website of the University for information of the faculty and the students. All these ordinances are duly approved by the Academic Council and Executive Council of the University. These ordinances include the rules for the promotion of different courses in different programmes and the University follows ten point grading system.

#### **Some of the Recent Reforms in Examination System:**

Recently ordinances have been modified in accordance with the CBCS and as an additional feature towards examination reforms, the students are allowed for re-checking of their end-semester examination answer sheets with a nominal fee.

Besides, University has made it mandatory for the students to fulfil the condition of 75% attendance through the revised Ordinance for Post-graduate Programmes.

The students are also shown their internal assessment answer sheets to ensure the transparency and satisfaction of the students.

In case a student is unable to complete the course in the due time then he/she may exercise the clause of availing 'zero semester'.

**2.5.3 What is the average time taken by the University for declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode / media adopted by the University for publication of examination results) e.g. website, SMS, email. Etc.).**

The examination branch of the University generally declares the results of the end-semester examinations within a record time of 30 days. Once the result is declared by the Examination Branch, it is put on the University website and notice boards for the information of the students. The students are duly entertained for any query related to examination even after the declaration of the results and if required corrections are made accordingly. Till date, there has been no instances of delay in declaration of result.

**2.5.4 How does the University ensure transparency in the evaluation process? What are the rigorous features introduced by the University to ensue confidentiality?**

The Controller of Examinations invites the question papers from the concerned departments through the Head of the Departments and the necessary number of copies are got printed under the strict supervision of the COE. During the term-end examinations answer sheets are being received on the day of the examination itself from the Centre Superintendent in sealed envelopes. After having received the answer sheets of the students, the examination branch adopts necessary measures to ensure that each sheet is coded with a fake number to ensure the confidentiality of the details of the students before the scripts are sent for evaluation. These answer sheets are being evaluated by the concerned teachers at a central evaluation centre.

The internal assessment is received from the concerned teachers in a sealed envelope at least one week before the commencement of the term end examinations.

**2.5.5 Does the University have an integrated examination platform for the following processes?**

- **Pre-examination processes – Time table generation, OMR, student’s list generation, invigilators, squads, attendance sheet, online payment gateway, etc.**
- **Examination process-Examination material management, logistics, etc.**
- **Post-examination process – Attendance capture, OMR-based exam result, audio processing, generic result processing, certification, etc.**

Yes, the University has set pattern of setting the time table for the various programmes which are scheduled by each department separately in the beginning of the session for smooth conduct of classes. There is no pattern of OMR sheets for the students; however, before the examination, a list of students registered for various courses is generated by the Examination Branch. Centre Superintendent and Deputy Centre Superintendent are appointed for the conduct of the examination by the COE and all the faculty members are assigned the duty of invigilators. A separate team of faculty members is appointed to perform the duties of flying squad during the examinations. Separate attendance sheet for the students is generated for all the programmes.

All the material related to examinations is supplied to the Centre Superintendent by the examination branch on the day of the examination and it is assured through security that the material reaches safely to the examination centre and back to exam branch. Once the examinations are over all the attendance sheets are deposited back to the examination branch for final processing of the result and certification.

Detailed Grade Certificates are issued by the Examination Branch on declaration of the result.

**2.5.6 Has the University introduced any reforms in its Ph.D. evaluation process?**

**Recent Reforms in Ph.D. Evaluation Process:**

After taking admission to the Ph.D. programme, the PhD scholar has to mandatorily undergo six months course work before registration. The full procedure laid down by the UGC is followed in the case of Ph.D. Evaluation process. A panel of examiners is invited from the

department and as per the University system the thesis is being sent to three external examiners appointed by the Vice Chancellor.

Scholar is required to publish at least two research papers in refereed journals before submission of thesis for evaluation.

Compulsory plagiarism check before submission of thesis for evaluation

Open house Viva Voce examination

**2.5.7 Has the University created any provision for including the name of the college in the degree certificate?**

The University is residential in nature.

**2.5.8 What is the mechanism for redressal of grievances with reference to examinations?**

The University has constituted an Examination Grievances Redressal Committee to redress the grievances of the students related to examinations. Besides, the examination branch makes sure that any complaint or grievances related to examination are met immediately to the satisfaction of the students. In addition to it, University constitutes a separate committee to resolve the case of Unfair Means.

**2.5.9 What efforts have been made by the University to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/ section.**

There is Controller of Examinations assisted by one Assistant Registrar and other staff working in the Examination Branch. Full coordination is ensured among all the staff members of the branch starting from pre-examination to the post examination process. The coordination is made effective through the regular meetings of the examination staff and efforts are made to make the process more effective through transformations. Utmost secrecy and confidentiality is maintained in the examination branch.

## **2.6 STUDENT PERFORMANCE AND LEARNING OUTCOMES**

### **2.6.1 Has the University articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?**

The University has rich pool of disciplinary experts in each of the programmes including technical, human and conceptual skills. Every programme has its unique vision and mission to inculcate and imbibe the required contemporary skills among the students in accordance with the industrial and job-market requirements. The University has got its dedicated Career Counselling, Training and Placement Cell to cater to the required skills for the students. The cell organizes additional classes for the skill development in the areas like— communication skills, comprehensive skills, computer skills, social skills, ethical skills and others. The cell also organizes the special classes for the Staff Selection Board (SSB) for the aspirants who wish to be officer in the defence forces. This has been very successful as far as the feedback of the students are concerned. Utmost care is taken by all the departments that the students are inculcated with the attributes which enable them to be good citizen in addition to career achievements. These things are monitored by inviting the meetings of alumni and taking feedback from them.

### **2.6.2 Does the University have clearly stated learning outcomes for its academic programmes? If yes, give details on how the students and staff are made aware of these?**

Yes, the University states the learning outcomes through the vision and mission of the departments. Efforts are on to develop the linkages with external agencies so that the contemporary input can be incorporated in the various programmes. All the departments take the help of IT facilities to enrich the teaching-learning process. Computers and LCD Projectors have been made available to facilitate the IT based teaching in all the departments. Various online learning resources are made available to the faculty through the library. As the campus is fully Wi-Fi, hence the students are even given the online assignments.

### **2.6.3 How are the University's teaching, learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?**

The University's teaching, learning and assessment strategies are structured in such a way that the students get the regular updates related to their courses. To achieve this, curricula is updated time to time with the help of external academicians and experts from industries. The internal assessment process has been designed in such a way that the students are compelled to attend the classes and complete the assignment given to them time to time. The internal assessment is a combination of many criteria like— assignments, presentations, case studies, written internal exams and viva-voce. Field assignments are also given to the students to have the real time practical exposure. This makes the student learn in many ways and the desired learning outcomes are achieved.

### **2.6.4 How does the University collect and analyse data on student learning outcomes and use it to overcome the barriers to learning?**

Feedback from the students on various parameters like; teaching pedagogy, syllabi, evaluation process and others is sought to improve the quality of teaching and bring more improvement in the teaching learning process. Every effort is made to make the teaching learning process a two way process. The feedback and suggestions received from the students are analysed at the department level and appropriate changes are incorporated.

### **2.6.5 What are the new technologies deployed by the University in enhancing students learning and evaluation and how does it seek to meet fresh / future challenges?**

The University campus is made fully Wi-Fi to enable the learning process easy and accessible all the time. The laboratories of science departments are being equipped with the latest equipment for better teaching, learning and research activities. The proper use of information technology is being done to make the teaching learning process vibrant and live.

**Any other information regarding Teaching, Learning and Evaluation which the University would like to include:**

**1. Amendments in the following Ordinances:**

- Ordinance Relating to the Award of Postgraduate Degree/Diplomas—  
Implementation of Choice Based Credit System,
- Relating to Ph.D Programme
- Relating to M.Phil Programme
- Prohibition of and punishment for Ragging
- Rules for Refund of Various Kinds of Fee

**2. New Ordinance Relating to the Code of Professional Ethics for Teachers**

The University has already adopted an ordinance related to code of professional ethics for teachers.

**3. Initiatives of the University towards adopting Massive Open Online Courses:**

- a. To synergize the advantages of anytime-anywhere format of e-Learning and the merits of traditional classroom-based Chalk and Talk method, University is all set to adopt a blended MOOCs strategy.
- b. University is in the process of developing infrastructure for MOOCs.
- c. The faculty members have initiated developing static content for developing courses in MOOCs.



## **CRITERION-III**

### **(RESEARCH, CONSULTANCY & EXTENSION)**

## **CRITERION III: (RESEARCH, CONSULTANCY AND EXTENSION)**

### **3.1 Promotion of Research**

#### **3.1.1 Is there a research committee to facilitate and monitor research? If yes, give details.**

The University has constituted a Departmental Research Committee in each department responsible for maintaining the standards of research in University. The committee ensures standardization of research process starting from the selection of topic to the submission of thesis. The University also monitors the research output to ensure that every research work submitted for conferment of degrees is plagiarism free. This is executed by mandatorily checking the submitted work through plagiarism check using URKUND software at central level in university. In addition, every department has a dedicated scholar room where different facilities related to research (Software, Access to Journals etc.) are provided.

#### **3.1.2 What is the policy of the university to promote research in its affiliated / constituent colleges?**

Not applicable, as the University is a Non- affiliating, Residential and Unitary University.

#### **3.1.3 What are the proactive mechanisms adopted by the university to facilitate the smooth implementation of research schemes/ projects?**

Central University of Haryana encourages all eligible faculty members for participation in active research in various forms (Publications in National and International Journals with good impact factor, Submission of Research Projects – Major & Minor to various agencies, Supervision of PhD, Post-Doctoral Fellowships, Inspired Teachers etc.). For smooth implementation of the research schemes, proper infrastructure is provided to researchers.

#### **3.1.4 How is interdisciplinary research promoted?**

The University has included interdisciplinary approach in academics and research as one of its mission statements. The University publishes an interdisciplinary journal – “Journal of Central University of Haryana”, an International Multidisciplinary Refereed Research Journal, which invites the scholarly inputs from all disciplines and publish it under one name. Faculty members are also encouraged to carry out group project works involving interdisciplinary research.

#### **3.1.5 Give details of workshops/ training programmes/ sensitization programmes conducted by the university to promote a research culture on campus.**

The university has conducted various workshops/training programmes since its establishment in the year 2009. The details are as follows:

1. The Department of Statistics and Education jointly organized a one week workshop on Research Methodology and Data Analysis using SPSS from 15.04.2015 to 20.04.2015.
2. The Department of Chemistry, Physics and Microbiology under the aegis of the Rashtriya Avishkar Abhiyan on 11<sup>th</sup> Sep 2015 organized event displaying scientific working models/experiments for the school students of the villages adopted by university to popularize the science aptitude among students.
3. Dr Sunita Tanwar, Department of Management Studies Organized a One Day National

Seminar as convenor on “Cooperation for Cooperators” in CUH in Collaboration with NCUI Delhi and HARCOFED on 13<sup>th</sup> Oct, 2015

4. A 3 Days Workshop on Vacuum, Plasma and Thin Film Deposition Techniques was jointly organized by Department of Chemistry and Department of Physics from 22<sup>nd</sup> – 24<sup>th</sup> October, 2015. It was sponsored by CUH, Mahendergarh and TAS, New Delhi.
5. A three days workshop on “Basics of SPSS” was organized by the Department of Management Studies from 16th Oct – 18th Oct 2015.
6. The Department of Management studies organized a workshop by eminent corporate trainer Mr. Subhash Jagota on Business Etiquette and Social Skills.
7. The Department of Management Studies organized Investors Awareness Seminar on “Investment Management and Financial Planning: Some Practical Aspects” by Mr Jasmit Singh, Financial Expert in collaboration with Regional Centre for Entrepreneurship Development (RCED), Chandigarh on 28th Nov 2011.
8. The Department of Management Studies organized a Panel Discussion on the topic- “Kingfisher: Some Issues and Challenges” during a one month celebration, entitled “Journey of Changes”, in 2012.
9. The Department of Computer Science and Information Technologies conducted a Two days National Workshop “IBNC”, 29-30 January, 2015.
10. The Department of Hindi organized a ‘Chatra Adhyayan Yatra’ and a National Seminar on “Hindi Bhasha”, 10-12th Feb. 2014, sponsored by Kendriya Hindi Nideshalya, (MHRD).
11. The Department of Tourism and Hotel Management organized one day workshop on Chocolate Making and Mocktails in September 2015

In addition, other related activities to Seminar/Workshop/Training Programme/Sensitization include:

1. The Department of Law actively engaged/participated in organizing a National Seminar ‘Inclusive Democracy: People, Power & Progress’ organized by Central University of Haryana, May 2012 at temporary campus at Narnaul.
2. The Department of Law actively participated in the institutional Month-long academic Programme/Celebration for creating and sharing knowledge—an initiative of the University wherein the department organized Seminar, Colloquium, Symposia, Round Table discussion, Debate, Panel Discussion on Contemporary Topic, student’s participation in debate/discussion etc. for a month long tenure.
3. In National Workshop on RTE wherein eminent Scientists/ Prof. Yash pal and Justice Leila Seth were invited as key speakers, the Department of Law actively participated in the workshop. The faculty members contributed in the Book titled “RTE— An Imperative for Progress” edited by Prof. M. C. Sharma.
4. Celebration of important days such as Constitution Day, Human Rights Day etc. has been an institutional Academic practice in the Department of Law.
5. On Sept. 23rd, 2015 CUH Legal Aid Clinic and the Department of Law organised a series of events including Special Lecture on the “Institution of Lokayukta: An Imperative for Good Governance by Hon’ble Lokayukta of Haryana, Mr. Justice Pritam Pal. An Aadhar Card registration camp was also organised by the Department of Law in association of Legal Aid Clinic of the University.

**3.1.6 How does the university facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on the research activities of the university?**

Central University of Haryana has invited many experts in past for discussion/invited talk/extension lectures in different departments. The University has carved out rules for appointment of adjunct professors to felicitate the research and learning. The University has proposals for increasing the faculty strength of departments in form of adjunct professors.

**3.1.7 What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.**

Earmarking funds for research has never been a problem in the Central University of Haryana. Given below is the detailed utilization of budget for research activities:

Sr. No.	Year	Fellowship/ Stipend/ Scholarship	Workshop/ Seminar/ Conference/ Symposium	Books & Journals	Research Infrastructure	Expenditure on Research	Total Expenditure	Percentage of Total Expenditure
1	2009-10		6440	561624	165043	733107	15929334	4.60
2	2010-11	719758	162725	839437	678	1722598	230944378	0.75
3	2011-12	1822451	503156	2387981	316798	5030386	177667069	2.83
4	2012-13	4864570	1067941	6421729	199267	12553507	37600000	33.39
5	2013-14	3188954	1349817	12883393	7877673	25299837	70510000	35.88
6	2014-15	6375057	373592	3315764	2056604	12121017	116873000.00	10.37

Note: Numbers in INR

**3.1.8 In its budget, does the university earmark fund for promoting research in its affiliated colleges? If yes, provide details.**

This section is not applicable to Central University of Haryana as the University is residential in nature.

**3.1.9 Does the university encourage research by awarding Post-Doctoral Fellowships/Research Associate ships? If yes, provide details like number of students registered, funding by the university and other sources.**

Yes, the Central University of Haryana is offering opportunities to those who are interested in post-doctoral research. The University provides the required infrastructure to the post-doctoral scholars and presently the University has two post-doctoral students working in department of Hindi and Environmental Science each as per the details given below:

Dr Archana, Department of Hindi is working on the topic ‘Diaspora,’ under Dr. S. Radharkrishnan Post-Doctoral Fellowship in Humanities and Social Sciences (Including languages), UGC.

Dr Virender Kumar, Department of Environmental Science, Dr D S Kothari Post-Doctoral Fellowship, UGC

**3.1.10 What percentage of faculty have utilized the sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the university monitor the output of these scholars?**

The University, being in its formative stages, do require undivided attention of all its members including faculty in its development. Currently, the university has no faculty on sabbatical leave for higher research.

**3.1.11 Provide details of national and international conferences organized by the university highlighting the names of eminent scientists/scholars who participated in these events.**

The University is committed for dissemination of knowledge by organizing the national and international seminar/conferences. A two day National Seminar on ‘Application and Role of Statistics in Multidisciplinary Research’ was organized jointly by the Department of Management Studies and the Department of Statistics in October 2013. The eminent scholars such as Prof B.S Bodla from Kurukshetra University, Prof RC Dalal, Kurkshetra University, Dr. K.D Prasad from IGNOU, Dr. Sandeep Goyal, MDI, Gurgoan, Prof. Arvind Panday from NIMS along with many other scholars participated in this seminar. Apart from this many of the departments are in planning of organizing seminars and conferences in near future.

**3.2 Resource Mobilization for Research**

**3.2.1 What are the financial provisions made in the university budget for supporting students’ research projects?**

The University encourages the involvement of students in research activities and to achieve this objective various journals have been subscribed to keep the students updated and maintain the research outlook. Apart from this, the university also provides a scholarship of INR 8000 to each student pursuing PhD and INR 5000 to each student pursuing M. Phil from any department of the university.

**3.2.2 Has the university taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?**

The University is in nascent stage and the process of rolling out courses is in progress in phased manner. The faculty in various departments have been working overtime in setting up various departments. So far, 4 patents have been filed by the faculty of the university. Three out of these 4 patents are filed by Prof R C Kuhad and one patent is filed jointly by Prof R C Kuhad and Dr Rishi Gupta from Department of Biotechnology. Details of these patents are given below:

**Prof. R. C. Kuhad**

1.	Title	:	Method of producing alkalothermostable xylanase from <i>Bacillus pumilus</i>
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		MK001 by solid state fermentation
	<b>File No</b> :	<b>IN 984 DEL 2008</b>
	<b>Status</b> :	<b>Under examination</b>
2.	<b>Title</b> :	A process for production of fermentation sugars from lignocellulosic substrates
	<b>File No</b> :	<b>IN 1348DEL2011</b>
	<b>Status</b> :	<b>Under process</b>
3.	<b>Title</b> :	A Bioconversion method to improve nutritional properties of lignocellulosic residues
	<b>File No</b> :	<b>IN 4039DEL2012</b>
	<b>Status</b> :	<b>Under Process</b>
4.	<b>Title</b> :	A novel process for biobleaching of kraft pulps employing laccase and xylanase enzymes and oxygen as mediator.
	<b>File No</b> :	<b>IN2944/DEL/2013</b>
	<b>Status</b> :	<b>Under Process</b>

**Dr. Rishi Gupta**

<b>Title</b>	:	A process for production of fermentation sugars from lignocellulosic substrates
<b>File No</b>	:	<b>IN 1348DEL2011</b>
<b>Status</b>	:	<b>Under Process</b>

**3.2.3. Provide the details of ongoing research projects of faculty:**

Sl No.	Name of PI/Co-PI	Department	Funding Agency	Project Name	Grant Sanction (INR)
1	Prof R C Kuhad	Microbiology and Biotechnology	MNRE	Development of pretreatment strategies and bioprocess for improved production of cellulolytic enzymes and ethanol from crop byproduct for demonstration at pilot plant	1,48,47,400
2	Prof R C Kuhad	Microbiology and Biotechnology	DBT	Development of seaweeds biorefinery and pilot demonstration of bioethanol	41,50,000
3	Prof R C Kuhad	Microbiology and Biotechnology	UGC	Production of e-content courseware on post graduate subjects	1,12,00,000
4	Prof R C Kuhad	Microbiology and Biotechnology	DBT	DBT Virtual Enzyme Centre-Development of Enzyme formulation for treatment of lignocellulosic biomass	85,75,000



5	Prof. Nawal Kishore	Physics	UGC	Study of Thermal Electrical and Structural Properties of conducting polymers	1004000
6	Prof Ashish Dahiya	Tourism and Hotel Management	UGC	Evaluating the Existing Culinary Practices & Gastronomy Delights of Haryana State for the Promotion of Community Oriented Highways Tourism to Dr. Ashish Dahiya Principal Investigator	878000/-
7	Dr. Ranjan Aneja	Economics	ICSSR, New Delhi	A Study of Regional Divergence in Growth of Haryana: A District Level Analysis	550000
8	Dr. Rajiv Singh	Political Science	ICSSR, New Delhi	Human Security and Conflict: A Comparative Study of Sonbahadra and Mahendergarh District of Uttar Pradesh and Haryana	800000
9	Dr. Chanchal Sharma	Political Science	ICSSR, New Delhi	Regional Disparities and Role of Intergovernmental Transfers in the era of Economic Reforms and Coalition	1000000

				Politics	
10	Dr. Anurag Sunda	Chemistry	DST-Inspire	Ab Initio Molecular Dynamics simulation of Ionic Liquid doped Polymer Electrolyte Membranes and Platinum Electrode Interface	3500000
11	Dr Richa Sharma	Microbiology	DST	Bacterial $\gamma$ -glutamyl transpeptidase: Characterization and application as debittering enzyme	23,00,000

In addition to this Dr. Chanchal Kumar Sharma received grant from Leverhulme International Network Grant (U.K.) through the University of Edinburgh, Scotland (U.K.) Grant received so far (as travel grant): GBP 1875.12

**3.2.4 Does the university have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.**

The University is collaborating with industry at various levels for organizing various academic and research activities. Faculty members are working in this direction for involvement of industry and corporate houses. However, till date the University has no project sponsored by industry/corporate houses.

**3.2.5 How many departments of the university have been recognized for their research activities by national / international agencies (UGC-SAP, CAS; Department with Potential for Excellence; DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.**

Being a new University, the Central University of Haryana is proactively involved in the process of setting up of departments. Some of the departments of university are very new and started in academic session of 2015. Being newly established university, many departments do not fulfill the criteria for applying for recognition from such agencies.

**3.2.6 List details of:**

**a) Research projects completed and grants received during the last four years (funded by National/International agencies other than UGC).**

Central University of Haryana has witnessed first regular appointments of faculty during November – January 2013-14. Faculty from various departments has submitted proposals to UGC.

**b) Research projects completed and grants received during the last four years (By UGC).**

Central University of Haryana has witnessed first regular appointments of faculty during November – January 2013-14. Faculty from various departments has submitted the proposals for major projects to UGC. Though, no grants have been received yet for any of these projects.

**List of Proposal Submitted:**

**Department of Economics**

**Dr Ranjan Aneja**

- Project Submitted to UGC  
Title of Project: A Study of Productivity, Efficiency and Competitiveness of Indian Manufacturing Sector: New Evidence using Non-Parametric Approach  
Budget: INR 12.68 Lakh

**Department of Education**

**Dr. Sarika Sharma:**

- Project Submitted to ICSSR  
Title of Project: Crossing Boundaries, Escaping Marginality: An exploration of Socio-Cultural Changes and its impact on Girls Education in Haryana  
Budget: INR. 18 Lakh

**Dr. Renu Yadav:**

- Project Submitted to ICSSR  
Title of Project: Impact of Sexual Harassment on Women in Higher Education  
Budget: INR. 7.2 Lakh
- Project Submitted to UGC  
Title of Project: Impact of Social campaigns on female foeticide: A Case study of Mahendergarh  
Budget: INR 17.55 Lakh

**Dr. Dinesh:**

- Project Submitted to ICSSR  
Title of Project: Comprehensive Examination of the Mid- Day Meal Scheme: A Study of Haryana  
Budget: INR 18.06 Lakh

**Ms. Aarti Yadav:**

- Project Submitted to ICSSR  
Title of Project: Impact of Social Constructivism on Academic Achievement, High Order Skills and Socio Emotional Growth of Students  
Budget: INR 17.00 Lakh

**Department of English and Foreign Languages**

**Dr. Sanjiv Kumar:**

- Project Submitted to ICSSR  
Title of Project: Text and content in Dalit literature: Social, Cultural and Human Right Perspectives  
Budget: INR 16.10 Lakh

**Dr. Bir Singh Yadav:**

- Project Submitted to UGC  
Title of Project: Spirituality and Science for the Bright Future of the Earth: Sparks from Literature and Science  
Budget: INR 15.00 Lakh

**Department of Hindi and Indian Languages**

**Dr. Arvind Singh Tejawat**

- Project Submitted to ICHR (Indian Council of Historical Research)  
Title of the Project: Study and Construction of the Annotated Oral Corpus Related to Socio-Cultural History of South-Western Rajasthan.  
Budget: 480000
- Project Submitted to ICSSR (Indian Council of Social Science Research)  
Title of the Project: The study of language change and development at the backdrop of cultural, social, political and economic changes in the context of Southern and Western Rajasthani society based on written and oral tradition  
Budget: 1247000

**Department of Management Studies**

**Dr. Sunita Tanwar:**

- Project submitted to UGC,  
Title of the Project: “Status of Women Entrepreneurs: A Case Study of Southern Haryana”,  
Budget: Rs. 14.71 Lakh
- Submitted to ICSSR  
Title of the Project: “Role of Cooperatives in Women Empowerment: A Study of Haryana State”  
Budget: Rs. 19.5 Lakh.

**Dr. Ajai Pal Sharma:**

- Project Submitted to: ICSSR  
Title of the Project: “Impact of Panchyati Raj Institutions in Rural Transformation: A Study of Mahendergarh District of Haryana”,  
Budget: Rs. 15 Lac
- Project Submitted to UGC  
Title of Project: “Public Healthcare Services: A Study of Rural Haryana at District Level”,  
Budget: Rs. 12 Lakh

**Dr. Ajay Kumar**

- Project Submitted to ICSSR  
Title of Project: “Quality Mapping of Management Education in Central Universities of India on Industry Parameters”  
Budget: Rs. 15.41 Lakh

**Department of Law**

**Dr. Pardeep Singh**

- Project Submitted for UGC  
Title of Project: Impact of Legal Services Institutions in realising access to justice for all: A Socio-legal study of Haryana State.  
Budget: 9.84 lakh

**Dr. Pardeep Singh & Dr. Anju**

- Project Submitted for ICSSR MRP by on title  
Title of Project: “Impact of National Green Tribunal (NGT) towards realizing Environmental justice: A Socio-Legal Case Study.”  
Budget: 16.11 lakh

**Dr. Samiksha Godara**

- Project Submitted to UGC  
Title of Project: “Impact of Vocational Training Programmes on the Rehabilitation & Reformation of the Prisoners in the State of Haryana”  
Budget: 14.99 Lakh
- Project Submitted to ICSSR  
Title of Project: “Implementation of the Sexual Harassment of Women at Workplace (Prevention, Prohibition & Redressal) Act, 2013 in the Higher Educational Institutions in the State of Haryana”  
Budget: 22.50 Lakh

**Department of Political Science****Rajiv Kumar Singh**

- Project Submitted to UGC  
Title of Project: “Contextualizing Dalits in Political Economy of Eastern Uttar Pradesh”  
Budget: INR 12.38 Lakh
- Project Submitted to NCW, New Delhi  
Title of Project: “Problems in Basic service Delivery among Women: A study of Mewat district of Haryana”  
Budget: INR 10.79 Lakh

**Dr Raghvender Pratap Singh**

- Project Submitted to UGC  
Title of Project: “Violation of Right to Life in the Context of Water: A Case Study of Rivers in Chhattisgarh”  
Budget: INR 16.00 Lakh

### **Dr Chanchal Kumar Sharma**

- Project Submitted to UGC

Title of Project: “Economic Liberalization and Party System Change: Evidence from India”

Budget: INR 10.00 Lakh

### **c) Inter-institutional collaborative projects and grants received:**

#### **National/International: Collaboration**

Central University of Haryana being a new university is in the process of having inter-institutional collaborative. Currently university have two collaborative projects. Details of these projects are given below.

<b>S. no.</b>	<b>Title of project</b>	<b>Funding Agency</b>	<b>Collaborating Institutes</b>	<b>Associated grant received</b>
1.	Development of seaweeds biorefinery and pilot demonstration of bioethanol production	DBT (Ongoing)	Department of Botany, University of Delhi	74,82,000.00
2.	DBT Virtual Enzyme Centre-Development of enzyme formulations for treatment of ligno-cellulosic biomass	DBT (Ongoing)	School of Life Sciences, JNU, New Delhi; DBT-IOC, Faridabad;	4,50,35,000.00

### **3.3 Research Facilities:**

#### **3.3.1 What efforts have been made by the university to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?**

Central University of Haryana is constantly putting its efforts to provide the best of infrastructure to scholars and faculty members so that best research practices can be followed. Some of the efforts of the University in this regards is given below:

1. The scholars of various departments are provided with separate spacious rooms with facilities of computers, 24 x 7 internet accessibility having access to journals.
2. The University is part of the Inflibnet network of Govt of India enabling its members to get online access to best of the journals in various fields.
3. The University is also subscribing to various journals in its library. These journals are openly available to students along with open reading space available to students.
4. The University has also recently purchased a 10 user license of SPSS to facilitate the usage of current software packages to encourage research. The computers in e-library of



the university are installed with SPSS package which are open for use by the students of University.

5. The University is providing uninterrupted power supply and 24 X 7 internet connectivity to facilitate research. The campus of the University is fully Wi-Fi enabled.
6. The University has also made provisions of having software for plagiarism check to facilitate the quality and original research work for its scholars. The software (URKUNT) is accessible to all members of university.
7. The University is also encouraging the inspired teachers and post-doctoral fellows to improve the quality of ongoing research. In this context, the University provides necessary infrastructure including residential facility.

**3.3.2 Does the university have an Information Resource Centre to cater to the needs of researchers? If yes, provide details of the facility.**

The University publishes an Information Booklet having the comprehensive information about the various courses in addition to hosting the various communication/information on the university website. The University is also planning to have an Information Resource Center to cater to the needs of researcher.

**3.3.3 Does the university have a University Science Instrumentation Centre (USIC)? If yes, have the facilities been made available to research scholars? What is the funding allotted to USIC?**

The University is in the process of setting up of an instrumentation centre in near future. Presently, various equipments are managed at the departmental level. The University expects to procure advance instruments for research, which will be functioning under the instrumentation centre.

**3.3.4 Does the university provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?**

Yes, the University is providing all the basic facilities to all its members including students, faculty, inspired teachers, Post-doctoral fellows, visiting scientists and adjunct faculty. The facilities include residences, hostels, office spaces, 24X7 internet connectivity, uninterrupted power supply, computers, etc.

**3.3.5 Does the university have a specialized research Centre/ workstation on-campus and off-campus to address the special challenges of research programmes?**

The University has Research Promotion Cell for to encourage the development and felicitation of quality research work in the university. Faculty members and students are utilizing the research promotion cell for advancing the research environment in university.

**3.3.6 Does the university have centers of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.**

Being a new University, Central University of Haryana is encouraging the researchers to carry out research work through various means. But yet, no such centers exist in university.

### **3.3.7 What are the major research facilities developed and are available to the faculty and students on the campus?**

The University is constantly attempting to provide the best of facilities to scholars and faculty members. Some of such efforts are listed below:

1. The scholars of various departments are provided with separate spacious rooms with computing facilities, 24 x 7 internet accessibility having access to journals.
2. The University is part of the Infnlibnet network of Govt of India enabling its members to get online access to best of the journals in various fields.
3. The University is also subscribing to various journals in its library. These journals are openly available to students along with open reading space available to students.
4. The University has also recently purchased a 10 user license of SPSS to felicitate the usage of current software packages to encourage research. The computers in e-library of the university are installed with SPSS package which are open to be used by any student of University.
5. The University is providing uninterrupted power supply and 24 X 7 internet connectivity to its scholars. The campus of the university is fully Wi-Fi enabled.
6. The University has also made provision of having software for plagiarism check to felicitate the quality and original research work. The software is accessible to all members of university.
7. The University is also encouraging the inspired teachers/Post-doctoral fellows to join the university so that research work can be improved. University is currently providing all the facilities including residential facility to inspired teacher/post-doctoral fellows in campus.

## **3.4 Research Publications and Awards**

### **3.4.1 Does the university publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.**

Yes, the University is currently publishing inter-disciplinary journal - Journal of Central University of Haryana – An International Multidisciplinary Refereed Research Journal. It is a biannual journal with ISSN number 2348-3377.

The Editorial Composition of Journal:

1. Dr. Bir Singh Yadav, Editor in Chief
2. Dr Sarika Sharma, Member
3. Dr Sanjiv Kumar, Member
4. Dr Pardeep Kumar, Member
5. Dr Manoj K Vidhyalankar, Member
6. Ms Rinu, Member

Currently, Journal of Central University of Haryana is not listed in any international database.

The Editorial Policy of the Journal of the University is:

1. Articles are considered provided they have not been published previously or concurrently submitted for publication elsewhere.
2. Figures or tables that have been published elsewhere must be identified, and permission of the copyright holder for both the online and print editions.
3. Authorship must be limited to those who have contributed substantially to the work. The corresponding author must have obtained permission from all authors for the submission of each version of the paper and for any change in authorship.
4. All authors, members, reviewers, and editors must disclose any association that poses a conflict of interest in connection with the manuscript. Authors must acknowledge all funding sources supporting the work. Recent collaborators, defined as people who have co-authored a paper or were a principal investigator on a grant with the author or member within the past 48 months, must be excluded as editors and reviewers. Other examples of possible conflicts include past or present association as thesis advisor or thesis student, or a family relationship, such as a spouse, domestic partner, or parent–child relationship. Please see the Conflict of Interest Policy for details.
5. All work should be free from fabrication, falsification, and plagiarism.
6. Manuscripts requested for publication will be reviewed critically. After receipt of a manuscript by the Editor-in-Chief, it is sent to the editorial board who will send the manuscript to an appropriate number of reviewers (usually two, depending on the type of manuscript). Editors may ask for suggested reviewer names from an Editorial Board Member. Comments from reviewers are examined by the Editor-in-Chief and/or Editorial Board, who make the final decisions.
7. All reviewers remain unknown to the authors. Every manuscript is treated by the Editors and Reviewers as privileged information, and they are instructed to exclude themselves from review of any manuscript that might involve a conflict of interest or the appearance thereof.
8. The manuscript should precede a detailed statement clearly describing the sponsorships, financial disclosures of the author/s and other relevant (direct or indirect) relationships with the Company and the product being reported. A simple statement of ‘No Conflict of Interest’ should not suffice. The role of the sponsor (funding, protocol development and finalization, monitoring, data analysis, manuscript preparation and review) must be defined clearly.

#### **3.4.2 Give details of publications by the faculty:**

- **Number of papers published in peer reviewed journals (national / international) – 1044**
  - **Number of Monographs published – 03**

- **Number of Chapters in Books-** 149
- **Number of Books with ISBN with details of publishers:** 72
- **Number of papers listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, EBSCO host, etc.):** 292
- **Citation Index- range/ average:** 6977 (Total Citations)
- **SNIP:** ---
- **SJR:** --
- **Impact Factor- range/ average:** 0.02 -14.5
- **H- index/ i10 index:** 125

(**Note:** Department and faculty wise details of Journal Publications and Books has been given in Annexure I and II respectively)

### 3.4.3 Give details of:

- **Faculty serving on the editorial boards of national and international journals:**

Central university of Haryana always encourages its faculty members to be involved in research work in various capacities. The list of faculty members as part of various editorial boards is given below:

<b>Faculty Members serving as Member, Editorial Board</b>			
<b>Sr. No.</b>	<b>Name (Dr./Ms. /Mr.)</b>	<b>Department</b>	<b>Member of Editorial Boards (Name of the Journal)</b>
1	Prof R C Kuhad	Biotechnology and Microbiology	Annals of Microbiology
			Scientific Reports
			Advances in Biology
			Journal of Fungal Biology and Biotechnology
			Journal of Sustainable Bioenergy Systems
			Journal of Microbiology
			Special Issue of 3 Biotech
			Special Issue of Biodegradation
2	Dr. Sanjay Kumar	Biochemistry	Science Publishing Groups journal
3	Dr. Rishi Gupta	Biotechnology	Scientific Reports (Nature Publishing Group)
			Bioresource Technology (Elsevier)
			Annals of Microbiology(Springer)

			Journal of Biomedicine and Biotechnology (Biomed Res. Int.)
4	Dr. Bir Singh	English & Foreign Lang.	<i>GNOSIS</i> , An International Journal of Language and Literature.
			<i>Labyrinth</i> , An International Refereed Journal of Postmodern Studies.
5	Dr. Ranjan Aneja	Economics	International Journal of Liberal Arts and Social Science
			Advances in Economics and Business, Horizen Research Publishing Corporation
6	Dr. Amit Kumar	Hindi & Indian Lang.	Retpath
			Bhasha Aur Abhivyakti
7	Dr. Siddharth Shanker Rai	Hindi & Indian Lang.	Lok-Chetna Varta
8	Dr. Sharanjeet Dhawan	Mathematics	International Journal of Advance Research in Engineering, Science and Technology
9	Dr. Deepika Mehta	Microbiology	Indian Journal of Microbiology and Related Research
			African Journal of Microbiology
			Association of Microbiologists of India
			American Society of Microbiology
10	Dr. Chanchal Kumar Sharma	Political Science	South Asian Journal of Socio-Political Studies
			Asian Social Science
			Journal of Political Science
11	Dr. Aditya Saxena	Physics	Journal of Nano Science, Nano-Engineering & Application.
			OmniScience: A Multi-disciplinary Journal
			Journal of NanoScience, Nano Engineering & Applications
12	Dr. Ashish Dahiya	Tourism & Hotel Management	Journal of Hospitality Application & Research
			International Journal of Hospitality & Tourism Systems
			Journal of Tourism – An International Journal
			Journal of Tourism & Hospitality
			Journal of Tourism, Hospitality & Culinary Arts
			Journal of Tourism Law
13	Dr Sunita Tanwar	Management	ISTD Journal
14	Prof A J Varma	Chemistry	Carbohydrate Polymers

			Trends in Carbohydrate Research
15	Dr Sarika	Education	International multidisciplinary Refereed Research Journal of Central University of Haryana
16	Dr Renu Yadav	Education	Journal of Education & Social Policy
			European Journal of Business Management
17	Dr Sanjiv Kumar	English	Journal of Central University of Haryana
18	Dr Manoj	English	Literary Discourses
19	Dr Naresh Kumar Verma	Geography	World Academy of Science, Engineering and Technology
20	Dr Anand Sharma	Management	Business Studies for Secondary classes, NIOS
21	Prof Naval Kishore	Physics	Invertis Journal of Renewable Energy
22	Dr Avinash C Yadav	Physics	Journal of Nuclear Physics, Material Science, Radiation and Application

- **Faculty serving as members of steering committees of international conferences recognized by reputed organizations / societies.**

None of the faculty members are currently serving as the member of the steering committees of international conference recognized by reputed organization/ societies.

#### 3.4.4 Provide details of:

- **Research awards received by the faculty and students:**

Following faculty members have received various awards for research and academic activities:

#### **Faculty**

##### **Prof R C Kuhad**

- Fellow of Biotech Research Society of India (FBRS)
- Fellow of National Academy of Agricultural Sciences (FNAAS)
- Association of Microbiologists of India (AMI) Dr. G. B. Manjreker Award (2014)
- Association of Microbiologists of India (AMI) Platinum Jubilee Life Time Achievement Award (2013)
- Association of Microbiologists of India (AMI) Titan Biotech Award (2011).
- Short Term Biotechnology Overseas Research Associateship Award Department of Biotechnology, Ministry of Science and Technology, (Govt. of India). (2002-2003)
- AMI- Alembic Award by Association of Microbiologists of India. (1999)
- Biotechnology Long Term Overseas Research Associateship Award by Department of Biotechnology, Ministry of Science and Technology, (Govt. of India). (1995-1996)
- UNIDO/ICGEB Fellowship for Short Term Research Training at the University of Santiago, Santiago, Chile. (1994)

- Commonwealth Scholarship for Post Doctoral Research by Government of United Kingdom, at the University of Manchester, United Kingdom (1985-1986)
- Felicitation by Association of Microbiologists of India (AMI) during 38<sup>th</sup> Annual Conference of AMI at New Delhi (December 13, 1997) and again in 42<sup>nd</sup> Annual Conference of AMI at Gulbarga (November 9<sup>th</sup>-11<sup>th</sup>, 2001) for services to AMI as Treasurer (1993-2001).
- Certificate of Appreciation and Trophy awarded by plant science colloquium, H.A.U. Hisar, for the research project being adjudged as one of the best projects submitted in the Regional contest “Innovative ideas in Plant Research” (1987).
- Facilitation award by Madhya Pradesh Shikshak Congress (1988).
- Senior Research Fellowship from C.S.I.R., New Delhi (1983-1985).
- Junior Research Fellowship from C.S.I.R., New Delhi (1981-1983).
- Fourth Rank in Merit in M.Phil in Life Sciences Faculty (1981).
- First Rank in Merit in M.Sc. in Life Science Faculty (1980).
- Merit certificate for being standing- IInd in aggregated in B.Sc. IInd year (1976)
- Merit certificate for being standing First in Botany in B.Sc. IIIrd year in College (1977).
- National Scholarship Award (Govt. of India) during Graduation (1972).
- Merit Scholarship Award Board of School Education, Haryana, Chandigarh (1972).
- The American Society for Microbiology Best Poster Prize for the poster “Influence of Ganoderma sp. RCKK-02 .....in goats” during the International Symposium on Recent Advances in Cross-disciplinary Microbiology: Avenues and Challenges at BIT, Mesra, Ranchi, India. (2010)
- Awarded with Second prize for Best Research Poster in the field of “Microbes in Food and Fermentation” during the 20<sup>th</sup> Annual Conference of AMI at National Chemical Laboratory, Pune, India (2009)

#### **Prof. Ashish Dahiya**

1. Recipient of ‘Attithya Ratan Puraskar’ Gem of Hospitality Award 2013, HNB Garhwal Central University Uttarakhand
2. Recipient of ‘Teacher of the Year Award – Best Teacher Male’ Pearson Teaching Awards 2013, New Delhi.
3. Recipient of ‘Indian Hospitality Congress Award’ 2014, Mumbai.
4. Certificate of Appreciation by Vice Chancellor Uttarakhand Open University – Uttarakhand for Contribution to Launching of Hospitality & tourism Programme at Uttarakhand Open university as Programme Advisor & Publishing of study Material. (2008)
5. Certificate of Appreciation by Vice Chancellor Birla Institute of Technology, Mesra Ranchi for Contribution of Launching Journal of Hospitality Application & Research (JOHAR) India’s first University Journal of Hospitality. (2006)
6. Biography listed in Asia Pacific Who’s Who (2006)

#### **Dr Rishi Gupta**

- DST Fast Track Young Investigator Award (2013) by Science and Engineering Research Board, Department of Science and Technology, Government of India
- CSIR Senior Research Fellowship Award (2011) by Human Resource Development Group, Council of Scientific and Industrial Research, India
- International Travel Grant for paper presentation in 6th Annual symposium on



environment, Athens, Greece (2011) by Department of Science and Technology, Government of India, and Indian National Science Academy, New Delhi, India

- AMI Young Scientist Award in Environmental Microbiology (2010) by Association of Microbiologists of India, India

#### **Dr Meenu Goyal**

1. Canadian Commonwealth Scholarship (CCSP) award for research project at University of Saskatchewan, Canada (2012)

#### **Ms. Shelley Duggal**

1. Recipient of 'The Aspiring Researchers of Hospitality, Travel & Tourism' awarded Indian Hospitality Congress Awards 2014, Mumbai
2. Gold Medal and certificate of merit for certificate course in French at MD University

#### **Dr. Amit Kumar**

1. बाबूबालमुकुंदगुप्तसाहित्यएवंपत्रकारितासंरक्षणपरिषद, रेवाड़ीद्वारावर्ष 2014 के 'बाबूबालमुकुंदपुर स्कार' सेसम्मानित

#### **Dr. Sanjiv Kumar**, Associate Professor, Department of English and Foreign Languages

1. Nominated as 'Inspired Teacher' by the University to attend In-Residence Inspired Teachers Programme at Rashtrapati Bhawan from June 6-12, 2015.

#### **Dr. Richa Sharma**

1. Awarded the "Young Scientist Award" for Environmental Microbiology by Association of Microbiologists of India in 2012.

#### **Prof A J Varma**

1. Fellow of Biotech Research Society of India for outstanding contributions to Industrial Biotechnology (Thiruvananthapuram, Nov., 2011)
2. CSIR-NCL Scientist-of-the-year Award 2011 for outstanding research (Jan., 2012)
3. Life-time Achievement Award in Cellulose Chemistry and Technology by Association of Carbohydrate Chemists & Technologists of India, (Dehra Dun, Jan., 2014)
4. Professor B.D. Tilak Visiting Fellowship by ICT, Mumbai (Mumbai, 2013-14)
5. National VASVIK Industrial Technology Award winner for Chemical Technology transferred to Indian Industry (Gujarat, Oct.,2011)
6. NCL Scientist-of-the-Year Award given by NCL Research Foundation for outstanding work on Biodegradable Polymers and Biomass Fractionation Technology (03 January, 2012) The Biomass Fractionation Technology has also been selected as being amongst the Top 10 High Impact Technologies of CSIR-NCL since inception of NCL, during the 70th. Anniversary of CSIR in 2012.
7. Certificate of Appreciation from American Chemical Society Publications for valuable contribution and dedicated service in peer review for ACS Journals (December 2011)
8. Director's Commendation Award at NCL Foundation Day for successfully commissioning a demonstration plant on waste biomass to value-added polymers (January 2008)
9. MRF Award for Best scientific & technological work in elastomers in India (1988)



10. Award of Research Foundation of New York for Ph.D. (1974-1979)
11. Award of Research Foundation of New York for Post-doctoral Research (1980-1981)
12. National Science Talent Search Scholar of India (1971-74)
13. Basic and Applied work done in Dr. Varma's lab has been highlighted in several National and International newspapers, magazines, and technical journals
14. Nine scientific publications selected as Top 10 papers of prestigious research journals like "JCS ChemComm", "Green Chemistry", and "Carbohydrate Polymers", (2002-2009)
15. Article in "Nature" high-lighted work done by Dr.Varma (2003) on biodegradable polymers synthesis strategy

#### **7. Dr Mohini Singh**

1. Awarded INSPIRE Fellowship by Department of Science and Technology (DST), New Delhi, India in Ph.D programme.
2. Awarded Second Prize in Paper Presentation on "Horizontal sub-surface flow constructed wetlands for wastewater treatment and reuse" National Seminar on "Strategic Resource Management for Sustainable Food and Water Security" held at G.B.P.U.A&T, Pantnagar, India, 2011.
3. Awarded the Junior Research Fellowship under RC-UK/EPSRC international research project "Demonstration of Municipal wastewater management through fuelwood plantation" in Department of Environmental Science, G.B.P.U.A&T, Pantnagar sponsored by IIT, Delhi from Jan, 2010 - Jan, 2011.
4. Awarded the YOUNG SCIENTIST AWARD for the research work by Uttarakhand Council of State Science and Technology (UCOST) in 4th Uttarakhand State Science and Technology Congress (USSTC)-2009 held at G.B.P.U.A&T., Pantnagar, India.
5. Awarded First Rank in M.Sc. Environment Sciences (2006-2008) at G.B Pant University of Agriculture & Technology, Pantnagar, Uttarakhand, India.
6. Awarded Graduate Teaching Assistantship from Jan, 2007 to April, 2008 during M.Sc. programme at G.B.P.U.A &T., Pantnagar, India.
7. Visited Aston University, Birmingham, UK in connection with RC-UK DST-India sponsored project.

#### **8. Dr. Anoop Yadav**

1. Qualified in UGC-NET JRF (Environmental Science), December 2005.
2. Awarded CSIR Extended JRF from CSIR, New Delhi April 2013.
3. Qualified State Level Eligibility Test (SLET-Haryana) for Lectureship in Environmental Sciences, 2004.
4. Won Best Paper Award in National Seminar on "Strategies for Mitigation of Environmental Degradation and Climate Change" held on 2nd – 3rd March, 2012 in Guru Jambheshwar University of Science & Technology, Hisar.

#### **9. Dr. Mona Sharma**

1. Won Best Paper Award in National Seminar on "Strategies for Mitigation of Environmental Degradation and Climate Change" held on 2nd – 3rd March, 2012 in Guru Jambheshwar University of Science & Technology, Hisar.
2. Topper (Gold Medalist) in P.G. Diploma in Industrial Safety Management from Guru Jambheshwar University of Science & Technology, Hisar (India)
3. Second Topper in M.Sc. in Environmental Sciences from Guru Jambheshwar University of Science & Technology, Hisar (India)

4. UGC-National Eligibility Test (NET) for Lectureship qualified in June, 2007 in Environmental Sciences.
5. Recipient of Meritorious Fellowship during M.Sc. Programme from 2005-2006.

**10. Dr. Naresh Kumar Verma**

1. Publication Grant for Ph.D. Publication from ICSSR, 2014-15
2. Travel Grant for attending International Seminar by ICSSR in 2014

**11. Dr Ajai Pal Sharma**

1. Dr. Ajai Pal Sharma won best research paper award one each in National Conference organized by BVIMR, New Delhi and BLSIMT, Bahadurgarh

**12. Prof Naval Kishore**

1. Nominated for Haryana Vigyan Ratna Award by Guru Jambheshwar University of Science and Technology, Hisar.

**13. Dr Aditya Saxena**

1. Dr. Aditya Saxena awarded Teaching Excellence Award for Innovation by Delhi University

**14. Dr Abhiranjan**

1. Best paper award at a National Seminar held at JVM College, Dadri, Haryana

**15. Dr Ishwar Prasad**

1. Best Ph.D. thesis award at the convocation held in the University of Hyderabad

**16. Dr Chanchal Kumar Sharma**

1. Appointed as FELLOW (Hon.) CMF, Institute of Social Sciences, New Delhi w.e.f. March 2011.
2. Invited to join as partner in a collaborative project on Indian Federalism by the University of Edinburgh, Scotland.

**17. Dr Rajeev Kumar Singh**

1. Awarded Post Doctoral Fellowship by ICSSR

**18. Dr Jitendra Kumar**

1. Senior Research Fellowship (SRF) in 'Psychology' under the Indian Council of Medical Research (ICMR) Senior Research Fellowship Scheme, qualified for the award under All Indian competitive exam, July 2009 and availing w.e.f. June 2010 to May 2014.
2. Junior Research Fellowship (JRF) Under the Scheme of The M. Phil/PhD. Fellowship of the Centre for Studies in Sociology of Education (CSSE), Tata Institute of Social Sciences, availed from April 2009 to May 2010.
3. DAAD Fellowship for four months to Freie University Berlin, Germany for Research and Study under the auspices of the 'Passage to India' programme, supported by the DAAD (German Academic Exchange Service), availed from 1st October 2010 to 31 January 2011

### **19. Dr Sumedha Dutta**

1. Awarded the ICSSR Doctoral Fellowship, from (2012 – 2014), by the Indian Council of Social Science Research (ICSSR), Ministry of Human Resource Development, and Government of India.

### **20. Mr Sunil Kumar (Student – Environment Science)**

1. Awarded with ‘Aggar Gaurav Samman’ at National level in the field of Science and Technology by National Aggarwal Conference held at Agaroha Hissar, Haryana on Aug. 23, 2015.
2. Awarded with Special Youth Award for Best Co-ordination by Indian Red-Cross Society Haryana branch Chandigarh in National level YRC camp held at Panchkula from Sept, 16-22, 2015.
3. Awarded with 1st position in Ex-tempo Speech Competition by Indian Red-Cross Society Haryana (Branch-Chandigarh) in National level YRC camp held at Panchkula from Sept, 16-22, 2015.
4. Awarded with 1st position in Quiz Competition by Indian Red-Cross Society Haryana branch Chandigarh in National level YRC camp held at Panchkula from Sept, 16-22, 2015.

### **21. Mr Irfan Khan (Scholar – Department of Management Studies)**

1. Mr Irfan Khan, Ph D Scholar received Best Research Paper Presented Award in International Conference “Innovation based sustainable practices of organization” in SGPC’s Guru Nanak Institute of Management Studies, Mumbai, and 20 March 2015 on the topic of **A Study of Emerging Islamic Stock Market Volatility: Using Garch Family Models**

### **22. Students of Department of Management Studies**

1. Team of four MBA students won first prize in National Case Study Competition conducted by GIBS (GGS IP University), New Delhi
2. Mr Dinesh and Gaurav, MBA Students won third prize in National Conference conducted by BLSITM, Bahadurgarh

### **23. Students of Department of Journalism and Mass Communication**

1. Yasha Jain, Sakshi and Himanshu participated in Theatre organized at GD Goenka University and won first prize.

### **24. Students of Department of Mathematics**

1. Pooja Yadav, M.Sc 3rd sem, has won the third prize in the state level yoga Competition organized by Indian Yoga Federation, 2015.
2. Shiv Kumar, M.Sc 3rd sem, got the first prize in quiz contest in Youth Red Cross Camp (National level) sep 16 -sep 22, 2015.
3. Beena Kumari, M.Sc 3rd sem has won the First position in skit in Youth Red Cross Camp (state level) 30 August-04 Sep., 2015.

### **25. Students of Department of Physics**

1. Sumit Yadav:
  - NSS Best Volunteer Award in 7-day Camp.
  - 2nd Position in Group Dance & Group Song in YRC Haridwar
  - 3rd in Skit in YRC Haridwar

2. Jyoti Yadav
  - NSS Most Creative Award in 7-day Camp.
  - 2nd Position in Group Dance & Group Song in YRC Haridwar
  - 3rd in Skit in YRC Haridwar
3. Nirmala Maharana
  - 2nd Position in Group Song in YRC Haridwar
  - 3rd in Skit in YRC Haridwar

## **26. Students of Department of Computer Science and Information Technologies**

1. Mr. Pawan, Mr. Deepak, Mr. Arun (MCA 5th sem) and Mr. Aaquib Bhatt (MCA 3rd sem) won first prize in a National Level Theatre event and enacted “Jan Se Mann Ki Jai Ho” play organized at G.D. Goenka University

### **3.4.5 National and international recognition received by the faculty from reputed professional bodies and agencies.**

Faculty members of the University have been working hard to produce quality academic and research work. As university is still in formative stages, university do not have huge number of senior faculty members. List of it is given below:

#### **Prof. R. C. Kuhad**

1. Chairman, Expert Committee, UGC for on spot assessment of programmes, faculty, infrastructural facilities, financial viability, etc in respect of Babu Banarsi Das University, BBD City, Lucknow, UP
2. Chairman, Expert Committee, UGC for on spot assessment of programmes, faculty, infrastructural facilities, financial viability, etc in respect of The Rai University, Saroda, Dholka Taluka ahmedabad, Gujarat
3. Chairman, Expert Committee, UGC for on spot assessment of programmes, faculty, infrastructural facilities, financial viability, etc in respect of Mother Teresa Women’s University, Kodaikanal
4. Chairman, Expert Committee, UGC for on spot assessment of programmes, faculty, infrastructural facilities, financial viability, etc in respect of O P Jindal Global University, Sonapat
5. Chairman, Governing Body, Acharya Narendra Dev College, University of Delhi, Delhi (2013 onwards)
6. Chairman, Governing Body, Saheed Bhagat Singh College, University of Delhi, Delhi (2013 onwards)
7. Chairman, Mid-Term Monitoring Committee of UGC’s UPE scheme for on the spot assessment of Banaras Hindu University, Varanasi, UP
8. Chairman, Research Degree Committee, Department of Microbiology, University of Delhi south Campus, New Delhi (2005-2008).
9. Chairman, Subcommittee of the standing committee for the task of production of courseware e-content for post-graduate subjects by University Grant Commission, New Delhi (2013-2014)
10. Chairman Course committee on Faculty of Interdisciplinary and Applied Sciences, University of Delhi South Campus, New Delhi (2006-2008).
11. Chairman Expert Committee for coordinating the development of model curricula for undergraduate course under the Choice Based Credit System by UGC.

12. Chairman U.G. and PG Board of Studies in Biotechnology, Kurukshetra University, Kurukshetra (2003-2005).
13. Chairman, Central Pool Grievance Committee, University of Delhi, Delhi (2011-2015)
14. Co-Chairman, Expert Committee, of the Twinning Program for N-E Region (Environmental Biotechnology and Allied areas) by DBT, Ministry of Science and Technology (Government of India) (2013-2015)
15. Convenor Adhoc Board of Studies in Biotechnology and Applied Sciences, Kurukshetra University, Kurukshetra (2003-2005)
16. Convenor Adhoc Board of Studies in Chemical/Mechanical/civil engineering, Kurukshetra University, Kurukshetra (2003-2005)
17. Coordinator Visiting Team for smooth conduct of Examinations, University of Delhi South Campus (1998-1999, 1999-2000 and 2000-2001).
18. Expert Member, Steering Committee for the Center of Excellence Program of the Ministry of Environment and Forest, Govt. of India at CEMDE, University of Delhi, Delhi (2005-onwards).
19. Expert, Microbiology/Zoology/Entomology for a meeting for selection of the candidates under PDFs for the year 2015-17, Research Award scheme for 2016-2018 and Emeritus fellowship scheme for 205-2017
20. Member Academic Council, Deenbandhu Chhotu Ram University of S & T, Murthal, Haryana (2008-2010).
21. Member Academic Council, Jawaharlal Nehru University, Delhi (2006-2008).
22. Member Academic Council, University of Delhi, Delhi (2005-2008)
23. Member Advisory Committee for devising the roadmap for launching the courses approved by UGC under B. Voc/Community College and KAUSHAL Kendra scheme
24. Member Advisory Committee, Centre with Potential for Excellence, University of Mysore, Mysore (2013)
25. Member Board of studies in Biotechnology, Chaudhary Devi Lal University, Sirsa (2004-2006)
26. Member Committee of Courses in Microbiology, U. D. S. C. New Delhi (1988-continue).
27. Member Committee, UGC for taking a view as to whether the Monograph can be considered as a full-fledged publication for the purpose of promotion of a Reader to Professor under career Advancement scheme.
28. Member Court, Guru Jambheshwar University of Science and Technology, Hisar, Haryana (1999-2002).
29. Member Departmental Research Committee, Department of Zoology, University of Delhi (2013-2014)
30. Member Establishment Committee, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Haryana (2012-2013)
31. Member Establishment Committee, Guru Jambheshwar University of Science and Technology, Hisar, Haryana (2000-2003; 2007-2010).
32. Member Examination disciplinary Committee, University of Delhi South Campus (1999-2001).
33. Member Executive Committee of Goyal award, Kurukshetra University (2004-2005).
34. Member Executive Council, Deenbandhu Chhotu Ram University of S & T, Murthal, Haryana (2011-2013).
35. Member Executive Council, Guru Jambheshwar University of S & T, Hisar, Haryana (1999-2010).
36. Member Governing Body, Devanga Arts College, Virudhnagar, Tamilnadu (2012-2018)

37. Member Governing Body, Acharya Narendra Dev College, University of Delhi, Delhi (2013-2014).
38. Member Governing Body, Dayal Singh College, University of Delhi, Delhi (2010-2011).
39. Member Governing Body, P.G.D.A.V college, University of Delhi, Delhi (2006-2007; 2010-2012; 2014-2016)
40. Member Governing Body, Ram Lal Anand College, University of Delhi, Delhi (2012-2014).
41. Member Governing Body, Rani Amrit Kaur College of Nursing, University of Delhi, Delhi (2010-2011).
42. Member Governing Body, Saheed Bhagat Singh College, University of Delhi, Delhi (2006-2010; 2014-2016).
43. Member Governing Body, Sri Aurobindo college, University of Delhi, Delhi (2005-2006)
44. Member of the jury for Merck-India Innovation Award for innovative research by Indian Scientists (2012 onwards)
45. Member Planning and Monitoring Board, National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Sonapat, Haryana (2013-2014)
46. Member Reserch Development and Patent Council Advisory Committee, MD University, Rohtak, Haryana (2014-2016).
47. Member Secretary Institutional Biosafety Committee, University of Delhi South Campus (2006-2008)
48. Member Standing Committee on Course Committee University of Delhi (2006-2008)
49. Member- Task Force of Animal Biotechnology, DBT, Government of India, New Delhi (2010-2013)
50. Member, Academic Audit Committee, Guru Jambheswar University of S & T (2013 onwards)
51. Member, Academic Audit Committee, Kurukshetra University, Kurukshetra (2013 onwards)
52. Member, Academic Council of Cochin University of Science and Technology, Kochi
53. Member, Advisory Committee, Consortium for Education Communication (CEC), New Delhi
54. Member, APEX Committee for North-Eastern Region (Environmental Biotechnology and Allied areas) constituted by DBT, Ministry of Science and Technology, Government of India (2013-2015)
55. Member, Bio-safety Committee of Daiichi Sankyo, Gurgaon (2010-2013)
56. Member, Biosafety Committee, Daiichi Sankyo, Gurgaon (2010-2013)
57. Member, Bio-safety Committee, J.P. Institutes of Science and Technology, Noida, U.P. (2010-2012)
58. Member, Board of Research Studies, Faculty of Inter-disciplinary and Applied Sciences, University of Delhi (2001-2003; 2005-2008; 2013-2015)
59. Member, Board of Residence, Health and Discipline, University of Delhi, Delhi (2013-14)
60. Member, Board of studies in Biotechnology, Himachal Pradesh University, Shimla (2008-2010)
61. Member, Board of Studies in Microbiology, Maharaja Ganga Singh University, Bikaner (2014-2016)
62. Member, Departmental Research Committee, Department of Microbiology, University of Delhi South Campus (1988- continue).
63. Member, Departmental Research Committee, Faculty of Medical Sciences, University of Delhi, Delhi (2013-2015)
64. Member, Expert Committee to formulate guidelines for Non-Net Fellowships
65. Member, Governing Council, Inter-University Accelerator Centre, New Delhi (2013-2015)



66. Member, Implementation and monitoring Committee for MOOC's content, under the Chairmanship of Prof. Bhaskar Ramamurthi, Director, IIT Madras
67. Member, Inspection Committee for the feasibility of imparting UG/PG/Super specialty courses in Departments/Institutes/Hospitals of Delhi under Faculty of Medical Sciences, University of Delhi (2013-2014).
68. Member, P.G. Board of Studies in Microbiology and Biotechnology, M.D.U, Rohtak (2009-2010)
69. Member, P.G. Board of Studies in Microbiology, M.D. University, Rohtak, Haryana (2013-2015)
70. Member, Research Advisory committee (RAC), National Bureau of Agriculturally Important Microorganisms (ICAR), New Delhi (2013-2015)
71. Member, Research Degree Committee, Department of Microbiology, CCS University, Meerut (2009-2011)
72. Member-UGC Standing Committee on developing courseware E-content for P.G. subjects (2012-2014).
73. Nominee of the UGC on the Search Committee for preparation of a panel of names for the appointment of Vice-Chancellor of Potti Sriramulu University, Hyderabad
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126. Chairman, Expert Committee, UGC for on spot assessment of programmes, faculty, infrastructural facilities, financial viability, etc in respect of The Rai University, Saroda, Dholka Taluka ahmedabad, Gujarat
127. Chairman, Expert Committee, UGC for on spot assessment of programmes, faculty, infrastructural facilities, financial viability, etc in respect of Mother Teresa Women's University, Kodaikanal
128. Chairman, Expert Committee, UGC for on spot assessment of programmes, faculty, infrastructural facilities, financial viability, etc in respect of O P Jindal Global University, Sonapat
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143. Co-Chairman, Expert Committee, of the Twinning Program for N-E Region (Environmental Biotechnology and Allied areas) by DBT, Ministry of Science and Technology (Government of India) (2013-2015)
144. Member, Research Advisory committee (RAC), National Bureau of Agriculturally Important Microorganisms (ICAR), New Delhi (2013-2015)
145. Member, Bio-safety Committee of Daiichi Sankyo, Gurgaon (2010-2013)
146. Member of the jury for Merck-India Innovation Award for innovative research by Indian Scientists (2012 onwards)

### **Prof A J Varma**

1. UNIDO-ICS Expert Group Member on Biomass Valorization (Italy, 2006-2011)
2. Professor S.Sethna Visiting Professor at Sardar Patel University (Anand, 2005)
3. President, Society of Polymer Science (India) (Pune Chapter) (2012-contd.)
4. Invited Speaker and Chairperson at Symposia in many countries- USA, UK,
5. Germany, Italy, China, Turkey, Denmark, Egypt, France, Sweden, Denmark, S. Africa, (1995-2011)
6. Invited to deliver "Distinguished Alumni Lecture" in State Univ. Of New York, USA (2000)
7. Transferred high value technologies to industry, industrial consultant to many industries, led large industrial & basic research projects, selected as nodal officer of CSIR Biomass Program (2012-2017)
8. Press reports in several national and international newspapers, magazines, and technical journals for work done by his group.
9. Member of Scientific Panels, Ministry of Health, Ministry of New & Renewable Energy, DBTBIRAC
10. Elected as Executive Body Member, Association of Carbohydrate Chemists & Technologists (India) (Jan. 2014)
11. University Grants Commission Expert Member for setting up Center of Excellence in Applied Polymers at Sardar Patel University, Gujarat (2004-2006)
12. 14. Expert Group Member Meeting on Evaluation of Forefront Technologies in Environmentally Degradable Polymers, ICS-UNIDO, Italy (2005, 2009)
13. Chairman and member of several committees at local and national level (UGC Experts Committee, UNIDO Experts Committee, Chairman of Purchase Committee of NCL, Member of CSIR SRF Committee, Member of selection committees for scientists and staff, Represented NCL/CSIR at Planning Commission meeting, Jan. 2008, etc.)
14. Member of Scientific Panels of Food Safety and Security Authority of India, Ministry of Health,
15. Delhi (2014-15), Ministry of New & Renewable Energy (MNRE), and DBT-BIRAC
16. Member of High Power Government Delegation to Mauritius to discuss scientific cooperation between India and Mauritius
17. Fellow of the association of Carbohydrate Chemist and Technologists (India, Dec. 2014)

### **Prof Naval Kishore**

1. Member-expert in Selection Committee (GJUS&T Hisar, KU Kurukshetra and CDLU Sirsa, DCRUST Murthal, TITS Bhiwani, Jammu University Jammu, MDU Rohtak, Central University of Haryana, Mahendergarh)
2. Member-expert of delegation for meeting H.E. the President of India (2003)
3. Chairman, UG & PGBOS GJUS&T Hisar (2001-04, 2006-08, 2009-12) Member-Expert, UG/PGBOS GJUS&T Hisar, KU Kurukshetra, CDLU Sirsa, DCRUS&T, Murthal and NIT Kurukshetra, MM College Israna, Central University of Haryana, Mahendergarh, G.G.D. University Bilaspur)
4. Member Expert Committee for Establishment of Private Universities in Haryana, constituted by State Government (2010-11)
5. Expert in UGC committee for awarding research Projects.
6. Delivered lecturers during orientation/referresher courses in GJUS&T, Hisar, Jammu University, Jammu, Govt. College for women, Rohtak, and D. Govt. College Gurgaon

### **Prof Ashish Dahiya**

1. Board of Studies/Expert Committee (Hotel And Tourism Management)
  - a. HNB Garhwal Central University
  - b. BIT – Mesra Ranchi
  - c. University of Patanjali
  - d. Kumaon University
  - e. M.D University Rohtak
  - f. Dev Sanskriti University Hardwar
  - g. Deen Bandhu Chhotu Ram University of Science And Technology- Murthal Sonipat
  - h. IGNOU – New Delhi
2. Member Expert Committees On Education, Research And National Development
  - a. University Grants Commission
  - b. CBSE – New Delhi
  - c. AICTE
  - d. Department of Technical Education, Govt. of Haryana
3. Office Bearers of Professional Bodies Including Teachers’ Association, Teachers’ Club, Alumni Association, Academic Societies Etc
  - a. Vice President and Member M.D. University Teacher’s Club
  - b. Jt. Secretary – Indian Hospitality Congress
  - c. Life Member – Indian Tourism Congress
  - d. Life Member – Indian Society for Technical Education

### **Dr Aditya Saxena**

1. Member Expert in Physics of the UGC constituted committee for Choice Based Credit System (CBCS)
2. Member Implementation and Monitoring Committee for MOOCs Content, Consortium for Educational Communication (CEC), UGC
3. Member Committee for Services of Media Centres in e-content development for PG subjects under e-PG Pathshala, Consortium for Educational Communication (CEC), UGC
4. Resource Person for “Field Trial of Training Package in Physics at higher Secondary Level”, DESM, NCERT, 23-27th March, 2015.
5. Resource Person for “Field Trial of Training Package in Physics at higher Secondary

- Level”, DESM, NCERT, 16-20th February, 2015.
6. Resource Person for “Field Trial of Training Package in Physics at higher Secondary Level”, DESM, NCERT, 26-28th November, 2014.
  7. Resource Person for “Field Trial of Training Package in Physics at higher Secondary Level”, DESM, NCERT, 11-13th August, 2014.
  8. Resource Person for “Development of Training Package in Physics at higher Secondary Level”, DESM, NCERT, 10-14th March, 2014.
  9. Invited Speaker on e-Content Development under 4-Quadrant approach for Workshop of Paper Coordinators under e-PG Pathshala in ‘Comparative Literature’.
  10. Invited Speaker on e-Content Development under 4-Quadrant approach for Workshop of Paper Coordinators under e-PG Pathshala in ‘Microbiology’.
  11. Invited Speaker on e-Content Development under 4-Quadrant approach for Workshop of e-content writers under e-PG Pathshala in ‘Russian Studies’.
  12. Member Committee of Courses, Department of Physics and Astrophysics, Delhi University for the academic session 2013-2014
  13. Member, Student Information System Committee, Ramjas College, for the academic sessions 2006-07 and 2010-11.
  14. Coordinator for Certificate Course in Forensic Science, Ramjas College, for the academic sessions 2005-06, 2006-07 and 2007-08.
  15. Jury Member INSPIRE AWARD National Level Exhibition and Project Competition (NLEPC)- 2014, October 6-8, 2014 organized by Department of Science and Technology, Government of India.
  16. Jury Member INSPIRE AWARD National Level Exhibition and Project Competition (NLEPC)- 2013, October 8-10, 2013 organized by Department of Science and Technology, Government of India.
  17. Member Organizing Committee Workshop on “Intellectual Property Rights” 21st March, 2013, ILL, UDSC.
  18. Jury Member INSPIRE AWARD National Level Exhibition and Project Competition (NLEPC)- 2012, October 21-23, 2012 organized by Department of Science and Technology, Government of India.
  19. Resource Person INSPIRE Internship Program-2012, October 1-5, 2012 organized by Deshbandhu College, Delhi University and Department of Science and Technology, Government of India.

#### **Dr Sarika**

1. Member, All India Association Of Teacher Education (3100)
2. Member, All India Association Of Educational Research (0033)
3. Member, International Association Of Academician & Research (Inaar/0649)
4. Member, Bhartiya Yog Mahasangh
5. Life Member Indian Red Cross Society

#### **Dr Renu Yadav**

1. Member, International Society for Development and Sustainability (ISDS), Japan
2. Member, All India Teacher Educators Association
3. Member, American Psychological Association

### **Dr Dinesh**

1. Member, Editorial Advisory for Journal- Milestone Education Review (ISSN 2278-2168)
2. Life Member of NGO 'SEED' (Society for Education and Environment Development)
3. Life Member of AIAER (All India Association for Educational Research)
4. Life Member of CTE (Council of Teacher Education) Punjab/Chandigarh and Haryana Chapter
5. Life Member of AIATE (All India Association of Teacher Education)
6. Life Member of Learning Community

### **Dr Aarti Yadav**

1. Life Member, All India Association for Educational Research
2. Member, Association of Indian Universities
3. Member, American Psychological Association

### **Dr Sanjiv Kumar**

1. Member, Academic Council, Ch. Ranbir Singh University, Jind
2. Member, Ordinance Committee, Ch. Ranbir Singh University, Jind.

### **Dr Aneesh Kumar Mishra**

1. Member, Association of Punjab Geographers, Patiala
2. Member, National Geographical Society of India, Varanasi
3. Member, Magadh Bhoogol Parishad, Bodhgaya

### **Dr Naresh Kumar Verma**

1. Counsellor member, IGNOU Study Centre, SSN College, New Delhi
2. Member, The Deccan Geographical Society, Pune
3. Member, National Association of Geographers of India (NAGI)

### **Dr Anand Sharma**

1. Member, Expert member for TV and Radio programs NIOS, Noida
2. Member, as Nodal officer, All India Survey on Higher Education, An MHRD project
3. Member, All India Commerce Association

### **Dr Ajai Pal Sharma**

1. Member, All India Management Association, New Delhi
2. Counsellor member and Evaluator, IGNOU, New Delhi

### **Dr. Deepika Mehta**

1. Lifetime Member: AMI (Association of Microbiologists of India)
2. Annual Member of ASM (American Society of Microbiology): 2012-13

### **Dr. Richa Sharma**

1. Lifetime Member: AMI (Association of Microbiologists of India)



## **Dr Sumedha Dutta**

1. Life Member, Indian Sociological Society (ISS)

## **Mr A.P.A. Kabir**

1. Life Member, Comparative Education Society of India (CESI)

### **3.4.6 Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty during the last four years. Does the university participate in Shodhganga by depositing the Ph.D. theses with INFLIBNET for electronic dissemination through open access?**

In the University, at present 83 M.Phil. and 17 Ph.D. have been successfully awarded. On an average each eligible faculty member has successfully guided 6.30 and 1.30 M.Phil. and Ph.D. scholars respectively. Presently, the University is not participating in Shodhganga by submitting Ph.D. with INFLIBNET, however, efforts are on to join it in near future.

### **3.4.7 What is the official policy of the university to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.**

The University has made provision of having software for plagiarism check to felicitate the quality and originality of research work. The software is accessible to all members of university. Software (URKUND) is installed in Central Library of University.

#### **Official Policy**

It is mandatory to obtain anti plagiarism certificate before the submission of research work. If any work is found, having plagiarism, his/her work is sent back for reviewing and rework. Research work submission is not possible in the University until the clearance certificate is given by the library mentioning the status of the plagiarism.

Till date, no case of plagiarism has been reported in the university.

### **3.4.8 Does the university promote interdisciplinary research? If yes, how many interdepartmental / interdisciplinary research projects have been undertaken and mention the number of departments involved in such endeavors?**

Interdisciplinary is a central idea to the academic and research activities in the University as interdisciplinary is included as one of the mission statements of the University. The University also publishes an interdisciplinary journal – “Journal of Central University of Haryana – An International Multidisciplinary Refereed Research Journal” which invites the scholarly inputs from all disciplines and publishes it under one name. Faculty members are also encouraged to carry out group project works involving interdisciplinary research. As a matter of central idea, interdisciplinary courses are offered by each and every department of university. All the students of each department have to necessary take a course from other department as part of his programme ordinance. This endeavour is expected to result into interdisciplinarity in resarch.



**3.4.9 Has the university instituted any research awards? If yes, list the awards.**

No, Central University of Haryana has not yet instituted any research awards.

**3.4.10 What are the incentives given to the faculty for receiving state, national and international recognition for research contributions?**

All faculty members at Central University of Haryana are encouraged to apply for and receive recognition for their research contributions. University encourages this by providing the required administrative and logistic support required for the same. University also sponsors the participation of faculty members in workshops and conferences.

**3.5 Consultancy**

**3.5.1 What is the official policy of the University for Structured Consultancy? List a few important consultancies undertaken by the university during the last four years.**

Being a new University, it is yet to formulate the policy for structured consultancy. However, faculty members of the University allowed/encouraged to get involved in consultancy work.

**3.5.2 Does the university have a university-industry cell? If yes, what is its scope and range of activities?**

The University promotes the industry-academia linkages and as part of this initiative, the University invites industry experts from time to time to deliver lectures and interactions. Various departments of the University have been communicating with industry at individual levels. However, there is no formal university-industry cell functioning in university and the same is expected to be in place in the near future.

**3.5.3 How does the university utilize the expertise of its faculty with regard to consultancy services?**

The University encourages the faculty members for various consultancy services. The faculty members are free to identify their areas of research interests and University supports the efforts of the faculty to provide consultancy to any external agency.

**3.5.4 What is the mode of publicizing the expertise of the University for Consultancy Services? Which are the departments from whom consultancy has been sought?**

The University promotes the expertise of its faculty members to external agencies through the use of internet, webpage, blogs etc. Complete profile of all faculty members with their research area is being highlighted at the university website. Along with profile of faculty members, their e-mail-ids are also mentioned on website.

**3.5.5 List the broad areas of consultancy services provided by the university and the revenue generated during the last four years.**

Since the university is new, still many departments of the university have the potential to provide consultancy services in respective areas. Till now, no consultancy work has been

completed in university.

### **3.6 Extension Activities and Institutional Social Responsibility (ISR)**

#### **3.6.1 How does the university sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience during the last four years.**

The University being located in the most economically backward region of the state has adopted caring attitude for the community around the campus. As part of social responsibility of university, it has undertaken various measures as per following details:

#### **Events Held**

1. Time to time the University screens the movies to advance the teaching learning process. For example-Screening of Syllabi-specific Movie "A Tale of Two Cities" on 18th Sept. 2015; Screening of Movie "The Colour Purple" on 13th Oct. 2015
2. Sanitation drive & sanitation awareness rally at adopted Village Jant was organized by the University fraternity with the involvement of Panchayat & villagers, A successful rally and Nukud Natak to spread the message of sanitation and health among the villagers was enacted on 9<sup>th</sup> Oct 2015
3. The University has also conducted awareness programmes on Swachchh Bharat Abhiyan in the schools of adopted villages on 24<sup>th</sup> Sep 2015
4. The University organized Aadhar Card Camp for the adopted villages under the banner of CUH Legal-Aid Clinic on 15<sup>th</sup> Sep 2015
5. Dr. Deepika Mehta, Department of Microbiology and few students visited to 21st Delhi Book Fair on 5th September 2015. It was organised by India Trade Promotion Organisation (ITPO) at Pragati Maidan, New Delhi from August 29th to September 6th, 2015
6. The University successfully conducted Science Exhibition for the school children from the adopted villages in tune with Rashtriya Avishkar Abhiyan on 11<sup>th</sup> Sep 2015.
7. The University has started and successfully culminated the awareness programme on the issues concerning education with special focus on women education 5<sup>th</sup> Sep 2015.
8. Dr. Meenu Goyal, department of Biotechnology has conducted an Education Awareness Program at Jant Pali Village, Distt. Mahendergarh, Haryana with special emphasis on Women Education on 5<sup>th</sup> September 2015
9. The University has adopted six villages – Jant, Pali, Bhurjat, Dholi, Lalwan and Malda as part of Unnat Bharat Abhiyan on 15<sup>th</sup> Aug 2015
10. NSS unit volunteers of the University has conducted survey in village Jant to analyze various issues i.e the status of females in Jant village, to check whether people in village were addicted to alcoholism or not, awareness, knowledge and working of government schemes related to welfare. Ultimate goal of survey was to spread awareness, if villagers were unaware. Volunteers went to each and every house of the village and tried to guide right path to the villagers. The university has started Plantation Drive in and around the Campus on 15<sup>th</sup> Aug 2015
11. The Department of Environmental Science under the aegis of Eco club, celebrated

World Environment Day on 5th June 2015. Various events such as Plantation drive, documentary movie on environmental issues, drawing competition (among students of elementary school, Mahendergarh), special lecture by distinguished speaker Dr. R.N. Yadav was organized to sensitize and create environmental awareness not only among the students but the villagers who were the special invitee. In addition, students actively participated in activities like blood donation camps, environmental awareness rallies, social services schemes, plantation drive etc.on 5<sup>th</sup> June 2015

12. The University has organized rally on the theme “Beti Bachao, Beti Padhao” to sensitize the community about the girl child on 23<sup>rd</sup> March 2015
13. ‘Run for unity’ as ‘Rashtriya Ekta Divas’ or the National Integration Day was organized by the University fraternity with the involvement of local villagers, A successful run through which the University tried to spread the message of Integration, brotherhood, harmony in society was organized on 31<sup>st</sup> Oct 2014.
14. Students from various Department of the University enacted a very beautiful Nukud Natak on the very pertinent theme “Aao Milkar Karein Nyaya Ke Swapan ko Sakar” in the Legal Literacy Camp organized for the community on 30<sup>th</sup> Oct 2013.
15. Legal Aid Clinic organized Legal Literacy Camp on the eve of ‘Legal Services Day’ on 30<sup>th</sup> Oct 2013
16. The students of the Department of Law conducted a Legal Literacy Survey of the 5 villages (Gahda, Jant, Malda, Unchi Bandhor &Unhani,) of District Mahendergarh of Haryana to understand the awareness level about legal aspects among society on 29<sup>th</sup> and 30<sup>th</sup> Sep 2013.
17. The University has established a Legal Aid Cell with the aim of assisting vulnerable segment of the society like senior citizens, children, women, and workmen etc. for realizing their rights, assisting needy people in various kind of legal drafting. The cell was established on 18<sup>th</sup> Feb 2012.
18. Legal Aid Clinic of University has organized a grand Exhibition on the theme of ‘Inclusive judicial Process” at the District Court Complex depicting various dimension of idea of access to justice on 18<sup>th</sup> Feb 2012.

### **Other General Events**

1. Since its inception, the University has been officially organizing national festivals like Republic Day, Independence day with full involvement from nearby community sensitising them about the importance of these events and hence making them better citizens.
2. The University has been organizing other extension activities also in the form of Declamation contest, Poem Recitation, Speech, Patriotic songs, Essay writing, Quiz, Yoga etc.
3. The University is constantly organizing Free Evening Coaching Classes for the school students from the neighbouring village- Jant throughout the year
4. The University has a Literary Club named “Literati Rendezvous” to pursue student-centric literary and cultural activities.
5. The University keep on providing Remedial Coaching to the school students of neighbouring village.

### **Events Proposed**

1. The University has future plans of organizing Health, Sanitation and Hygiene Camp in all the adopted villages on the occasion of International Day of Girl Child.
2. The University has planned for organizing Blood Donation Camp with the participation of adopted villages.
3. The University has decided to install Solar Panel-based Street LED lights in the adopted villages in phased-manner.
4. The University has also decided to carry out Soil and Water quality-testing in the adopted villages.
5. The University also proposes to organise the Science Conclave to be sponsored by the department of Science and Technology, government of Haryana.
6. The University have plan of organizing workshop on handicraft.
7. The University has also planned to adopt strategies for waste-water reuse.
8. The University is also planning to conduct awareness programmes for improving the standards of education.
9. The University has planned for Short-term skill-based Courses including IT Applications, culinary skills, knitting, embroidery, stitching, pottery making, beautician-courses, animal husbandry, cooperative management etc. in future.
10. The University has established Unnat Bharat Abhiyan Cell for the adopted villages to address the issues concerning cleanliness, sanitation, hygiene, health etc.
11. The University has also decided to promote agriculture and allied activities in the neighbouring areas.
12. The University has plans of working on Bio-Gas generation and rural financing.

#### **3.6.2 How does the university sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience during the last four years.**

The University has been constantly sensitizing its faculty and students about society by organizing various events. Faculty members and students have been participating in events pertaining to social outreach programmes. List of these events are listed in point 3.6.1

#### **3.6.3 How does the university promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/International programmes?**

The University has established NSS, YRC, Legal Aid Clinic to promote the extension activities among students and faculty members. All of these units of NSS, YRC and Legal Aid Clinic are open to all students and faculty members for its membership. Every student and faculty members are free to become part of these campaigns. Students who are part of these units are specially recognized by university for their contribution. Alternatively it helps them in developing themselves as refined personalities which help them in becoming better citizens along with being good academicians.

### **Events by NSS in University**

Date	Activities of National Service Scheme
20 <sup>th</sup> to 26 <sup>th</sup> September 2014	<p><b>STATE LEVEL N.S.S. TRAINING CAMP</b> 4 Volunteers participated in State Level N.S.S. Training Camp at Haryana Agriculture University Hisar (Haryana). Team performed well in all the activities like skit, singing, rally etc. during the camp of camp.</p>
24 <sup>th</sup> September, 2014	<p><b>NSS DAY CELEBRATION</b> NSS Unit of CUH celebrated the N.S.S. Day at Prof M.C. Sharma Auditorium, Central University of Haryana and invited lecture of Dr. R.N. Yadav, Principal, Janta College Dadri was organized on the theme “N.S.S. and Youth”.</p>
29 <sup>th</sup> September, 2014	<p><b>SWACHH BHARAT ABHIYAN</b> Declamation contest (Neha, Sheetal Das adjudged first and second respectively) and slogan Writing (Neha, Mona, Ramakant adjudged first, second and third respectively) competitions were organized on various topics like sanitation, public hygiene, waste management &amp; related issues under the theme of <b>Swachh Bharat</b></p>
30 <sup>th</sup> September, 2014	<p><b>SANITATION AWARENESS</b> Sanitation drive &amp; sanitation awareness rally at adopted Village Jant was organized by university fraternity with the involvement of villagers. Through a successful rally and nukud natak university tried to spread the message of sanitation and health among the villagers.</p> <p><b>SPECIAL LECTURE</b> In afternoon session special lecture by Dr. Pankaj Mishra, University of Delhi on “<b>Role of Youth in Swachh Bharat Abhiyan</b>” was organized.</p>
2 <sup>nd</sup> October, 2014	<p><b>LAUNCHING OF SWACHH BHARAT ABHIYAN</b> NSS and YRC units of CUH Launched the “<b>Swachh Bharat Abhiyan</b>” at university with great enthusiasm.</p>
31 <sup>st</sup> October , 2014	<p><b>CELEBRATION OF NATIONAL INTEGRATION DAY</b> ‘<b>Run for unity</b>’ was organized by University fraternity with the involvement of local villagers on ‘<b>Rashtriya Ekta Divas</b>’ or <b>the National Integration Day</b>. A successful run through which university tried to spread the message of integration, brotherhood</p>

	and harmony in society.
<b>20<sup>th</sup> March,2015</b>	<p><b>NSS ANNUAL CAMP (20th to 26<sup>th</sup> March, 2015)</b></p> <p><b>First NSS Annual Camp</b> on the theme “<b>Healthy Youth, Healthy India</b>” was organized by NSS Unit of CUH with participation of 50 volunteers with great enthusiasm and feeling of social service through various activities. The camp was inaugurated by then Vice- Chancellor Prof. U.P Sinha with his message of service to the society with good intension. On this occasion DSW addressed volunteers about their positive roles in university and nearby villages and shared his NSS experience with volunteers. During first camp the main focus on personality development.</p>
<b>20<sup>th</sup> March,2015</b>	<p>During the camp volunteers participated in various programmes and activities with true spirit of social service. With the mission of “<b>MAKING UNIVERSITY CAMPUS AND SURROUNDING CLEAN AND GREEN</b>”. Volunteers started cleanliness drive in campus and village Jant. Gardening was done by removing weeds and digging, watering plants. Undesirable wastes were dumped at dumping zone.</p>
<b>21<sup>st</sup> March,2015</b>	<p>Volunteers also create awareness among villagers about the “<b>Swacch Bharat Abhiyan</b>” through awareness rally and Nukad Natak on the theme “<b>Swachh Gaav Abhiyaan</b>”. Awareness rally was given green signal by the V.C of CUH with the presence of many dignitaries like Registrar, DR, DSW and many HODS’ of different departments. Villagers were inspired by the practices of volunteers. Volunteers cleaned the drainage of the village. Volunteers interacted with the villagers and gave suggestion regarding cleanliness.</p>
<b>22<sup>nd</sup> March,2015</b>	<p>Another campaign of “<b>Green and Clean Village</b> ” at Baba Jai Ram Das Dhaam, Pali was organised in the temple campus under the supervision of head of the temple committee</p>
<b>23<sup>rd</sup> March,2015</b>	<p>Rally on “<b>BETI BACHAO, BETI PADHAO</b>” also organized and flagged off by then Registrar Dr. A.K. Jha. This Rally was organized to spread awareness regarding “<b>Save Girl Child</b>” in adopted village Jant. A play was also there which motivated villagers that they must send their girls (daughters) to the schools. Play was successfully played by volunteers and villager praised the play very much. Throughout the rally, volunteers gave slogans.</p> <p>Working on the mantra of “<b>Sound mind in sound body</b>”</p>

	volunteers participated in various games according to their groups. Volleyball, Kabaddi, Badminton, and Tug-of-war matches were also held. Volunteers filled themselves with energy and great enthusiasm.
<b>24<sup>th</sup> March, 2015</b>	Some basic of March past and parade were learned by the volunteers in the morning sessions of the camp. Volunteers practiced various yoga exercises during morning sessions and learned various asanas and pranayams to protect their body from all kinds of disease.
<b>25<sup>st</sup> March, 2015</b>	Some literary and other activities were also organized side by side during camp like debate, declamation, poetic recitation, patriotic songs. Quiz Competition (based on Vivekananda ideas) was held on the topic "Leadership and personality development". Volunteers participated enthusiastically in the competition.
<b>26<sup>th</sup> March, 2015</b>	Camp was concluded with happy ending. In valedictory address, Major Gen. (Dr.) Ranjit Singh, Vice Chancellor, CRSU Jind motivated the volunteers for social service and service to the nation in true spirit. He motivated youths that they must be strong and healthy. He said that "Only a healthy mind and healthy body can lead a nation".
<b>5<sup>TH</sup> June, 2015</b>	Tree Plantation in campus and invited Lecture by Dr. R.N Yadav, Principal Janta College, Dadri organized by NSS.
<b>21<sup>ST</sup> June, 2015</b>	Hawan and Yoga Camp in the morning session, which was followed by invited Lecture of Acharya Abhay Dev, Gurukul Khanpur (Narnaul) on " <b>Yoga and Youth</b> ". Yoga demonstration and competition was also held in which many teams from district participated and showed their talents.
<b>1<sup>st</sup> July to 18<sup>th</sup> August, 2015 (during admission)</b>	Volunteers provide the facilities of " <b>Help Desk</b> " to the new comers in CUH during admission.
<b>15<sup>th</sup> August, 2015</b>	Van Mahotsav was celebrated with sapling of many trees on Independence Day 2015 at CUH Campus.
<b>10<sup>th</sup> to 19<sup>th</sup> September, 2015</b>	Team of four NSS volunteers- Nikhil, Barkha, Sakshi and Shashi participated in Adventure Programme at ABVIMAS, Pong Dem (HP).



<p><b>24<sup>th</sup> September, 2015</b></p>	<p>NSS volunteers celebrated NSS Day and participated in many events. Awareness program on Sanitation was organized by the volunteers at adopted village Malra. First session was conducted at Government Senior Secondary School Malra Bass. In first session a skit was performed by NSS volunteers on sanitation to create awareness among the students. After that a Rally was organized which was flagged off By Hon'ble Vice Chancellor Prof. R.C. Kuhad to aware the villagers of village Malra Baas and Malra Sarai.</p> <p>During rally volunteers performed street – play done at the various places in both the villages to sensitize the villagers on the various sanitation.</p>
<p><b>24<sup>th</sup> September 2015</b></p>	<p>In the afternoon session volunteers enthusiastically participated in the lecture delivered by the guest speaker Dr. Mahender Singh on the <b>“Role of youth in nation building”</b>. Volunteers enjoyed programme through various cultural activities which were based on various social evils such as save girl child, sanitation, rape etc.</p>
<p><b>15<sup>th</sup> October, 2015</b></p>	<p>In the memory of Bharat Ratan Dr. A P J Kalam the first ever students' day celebrated by NSS volunteers of Central University of Haryana in the form of organising first <b><i>Blood Donation Camp</i></b>'. NSS volunteers altruistically contributed in this camp. Donation was started with the inauguration ceremony by Hon'ble Vice- Chancellor Prof. R.C. Kuhad. In this camp 134 donors donated their blood.</p>

**3.6.4 Give details of social surveys, research or extension work, if any, undertaken by the university to ensure social justice and empower the underprivileged and the most vulnerable sections of society?**

Various units of the University like; NSS, YRC and Legal Aid Clinic have been actively involved in social surveys, research and extension work. These activities are highlighted below:

1. NSS unit of the University has conducted a survey in village Jant by volunteers to analyze various issues i.e the status of females in Jant village , to check whether people in village were addicted to alcoholism or not, awareness, knowledge and working of government schemes related to welfare. Ultimate goal of survey was to spread awareness, if villagers were unaware. Volunteers went to each and every house of the village and tried to guide right path to the villagers. University has started Plantation Drive in and around the Campus – 15<sup>th</sup> Aug 2015
2. Legal Aid Clinic of the University has organized a grand Exhibition on the theme of ‘Inclusive judicial Process’ at the District Court Complex depicting various dimension of idea of access to justice– 18<sup>th</sup> Feb 2012.

3. Students of the Department of Law conducted a Legal Literacy Survey of the 5 villages (Gahda, Jant, Malda, Unchi Bandhor & Unhani,) of District Mahendergarh of Haryana to understand the awareness level about legal aspects among society – 29<sup>th</sup> and 30<sup>th</sup> Sep 2013.
4. Nirmala from Department of Hindi based on field survey brought out folklore entitled ‘Lokgeeton ka Bugcha’ with ISBN No. 978-93-5072-694-5.

These are the list of surveys carried out by various units of Central University of Haryana. The exhaustive list of various events can be seen in section 3.6.1.

**3.6.5 Does the university have a mechanism to track the students’ involvement in various social movements / activities which promote citizenship roles?**

Students and faculty members of the University are actively involved in various activities as already pointed in 3.6.2. The University as part of its CSR obligation encourages participation in such activities for betterment of life in general and also to inculcate the feeling of good citizen in the stakeholders.

**3.6.6 Bearing in mind the objectives and expected outcomes of the extension activities organized by the university, how did they complement students’ academic learning experience? Specify the values inculcated and skills learnt.**

Education in today’s environment is not limited to only the content of their curriculum. To groom the students into a holistic manpower resource and to develop their personality various extension activities are conducted in the University.

As part of their extension activities, students have been involved in teaching the school students of neighborhood villages, doing Nukad Natak for spreading awareness, executing rallies for sensitizing the citizens, carrying out sanitation programs, cultural programs etc. All these activities holistically develop students and complement their academic learning. These activities inculcate the social, cultural and communication skills in students making their personality holistic and versatile.

**3.6.7 How does the university ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the university which have encouraged community participation in its activities.**

The University is dedicated to maximise the spread of the messages on important social issues such as female foeticide, right to education, rural literacy, dowry, afforestation, etc. To realize this, different activities are undertaken outside the campus to ensure involvement of the community. Many of the activities conducted are carried out in form of rally and awareness programs which are executed as part of community.

Exhaustive list of such outreach activities are detailed in section 3.6.2.

**3.6.8 Give details of awards received by the institution for extension activities and/contributions to social/community development during the last four years.**

The University has been involved in many extension activities as is detailed in section 3.6.2.

However, an award is yet to be received by the University for these activities.

### 3.7 Collaboration

#### 3.7.1 How has the university's collaboration with other agencies impacted the visibility, identity and diversity of activities on campus? To what extent has the university benefitted academically and financially because of collaborations?

The University has planned to rope in the expertise of external experts in its various academic activities including Curriculum Development, Internship, Research, Publications, Extension Lectures and Students Placement. Each department of the University is involved in one or the other activity mentioned before. These activities have resulted in positive reflection of the University in community as coverage in newspapers as well as word-of-mouth. The University has benefited hugely from these activities in both academic and holistic sense.

#### 3.7.2 Mention specific examples of how these linkages promote

- **Curriculum Development:** The University constantly looks for updating the curriculum of all the courses. One of the reasons of updating the curriculum is to bring in the contemporary concepts, theme into class room for students. The linkages with industry of university in current from helps in achieving this objective.
- **Internship:** The University is running various professional courses to cater the need of manpower in industry. Current associations with external industry experts is not only helping in benefiting the students with the world of work but is also helping in setting up a platform for good internship and placement offers for students of various departments.
- **On Job Training:** The University is trying to utilize the association of industry for placing students in on the job training.
- **Faculty Exchange and Development:** In today's world when knowledge is becoming highly volatile, faculty has to be constantly enriching their domain of knowledge. Programs like faculty exchange and development fulfills this need of a university. University is trying to cash on the benefits of such activities.
- **Research:** The University believes that quality of research cannot be carried out in isolation, rather requires participation of all concerned quarters of the society. As a part of this initiative, University encourages faculty members to identify and work on industry related issues.
- **Publications:** The University believes that linkages with various institutes can surely help in increasing the standard of publications. University is not only trying to get in collaborative research work with various academic bodies but is also looking for collaborative research work with industry.

- **Consultancy:** Consultancy is a great medium of dissemination of the knowledge of faculty members and also bringing the acquired knowledge into class room. Various departments of university like Economics, Physical Sciences, Tourism and Hotel Management have the potential and are expected to provide consultancy in near future.
- **Extension:** Extension activities are not only an added advantage but have become necessary part of acquiring education. Linkages are a great medium to enrich the education system. The University is open to any such extension activities.
- **Student Placement:** Student placement is not only one of the most challenging aspects of delivering the professional education to students but is also most important. Linkages are surely good opportunities in giving more options to students. Central University of Haryana utilizes the current connections with industry in getting students placed.

**3.7.3 Has the university signed any MoUs with institutions of national/international importance/other universities/ industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the university?**

The University has always encouraged all of its departments to sign MOUs for better education opportunities. In line of this the Departments of the University are seeking the possibilities of MOUs. Till now, 2 MOUs have been signed officially. List of these MOUs are given below:

1. MOU signed with National Cooperative Union of India, New Delhi on 24th Sep 2015
2. MOU signed with Technology Applications Service (TAS), New Delhi on 24th Sep 2015.

Since, these MOUs are signed very recently, their impact is yet to be seen. Ideologically, these MOUs are expected to enhance the understanding of both parties by offering certain programme and hence providing the platform for those students who are looking for unconventional means of learning.

**3.7.4 Have the university-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?**

The University has been involved in industry interactions by means of lectures by industry experts, workshops etc. The university is in the process of developing new linkages with industry. The University is also keenly looking for creating laboratories/facilities using industry expertise. But, till date no such laboratory has been developed in University.

## Annexure I

### Department and faculty wise Details of Research Publications

#### Department of Biochemistry

##### Dr. Sanjay Kumar

1. Sanjay Kumar and Muhammad Ashraf. Tadalafil, a Phosphodiesterase Inhibitor Protects Stem Cells over Longer Period against Ischemic-Reperfusion Injury through STAT3/PKG-I Signaling. *Stem Cells Dev.* 2015; 24(11):1332-41. [PMID: 25602782]
2. Sanjay Kumar. Hypoxia Inhibits Mesenchymal Stem Cell Proliferation through HIF1 $\alpha$  Dependent Regulation of P27. *Mol Cell Biochem* 2015
3. Sanjay Kumar. P53 Induction Accompanying G2/M Arrest upon Knockdown of Tumor Suppressor HIC1 in U87MG Glioma cells. *Mol Cell Biochem.* 2014; 395 (1-2):281-90. [PMID: 24992983]
4. Sanjay Kumar. Molecular Cloning and Expression of High GC rich Novel Tumor Suppressor Gene HIC-1. *Mol Biotechnol.* 2014; 56(11):1040-8. [PMID: 25001210]
5. Nidhi Kapoor, Jianli Niu, Yasser Saad, Sanjay Kumar, Tatiana Sirakova, Edilu Becerra, Xioman Li, and Pappachan E. Kolattukudy. MCP1 implements STAT6/KLF4 mediated IL-4 induction of macrophage polarization via its dual catalytic activities. *J Immunol.* 2015 194(12):6011-23 [PMID: 25934862]
6. Nazima Nisar, Randeep Guleria, Sanjay Kumar, Tirlok Chand Chawla, Nihar Ranjan Biswas. *Mycoplasma pneumoniae* and its role in asthma. *Postgrad Med J.* 2007; 83(976):100-4. [PMID: 17308212]
7. Sanjay Kumar and Muhammad Ashraf. A Novel Phosphorylating Mechanism of STAT3 in Protection against Ischemia/reperfusion by Pharmacological Preconditioning with Tadalafil, a PDE Inhibitor. *Circulation* 2013; 128: A9244 (Accepted AHA abstract 2013)
8. Sanjay Kumar and Muhammad Ashraf. Heart specific conditional STAT3 knockout abolish cardioprotection against ischemic reperfusion injury upon Tadalafil Treatment, a Phosphodiesterase Inhibitor. *Circulation* 2012; 126: A16938. (Accepted AHA abstract 2012)
9. Nazima Nisar, Randeep Guleria, Sanjay Kumar, Tirlok C. Chawla, Niranjan Nayak, Arvind K. Singh, and Nihar R. Biswas, Sero-prevalence of *Mycoplasma pneumoniae* in asthmatics: Correlation with Interleukin-5 levels. *Chest* 2006

##### Dr Navrinder Kaur

1. Kaur N, Ranjan A, Tiwar V, Aneja R, Tandon V. DMA, a Bisbenzimidazole, Offers Radioprotection by Promoting NF $\kappa$ B Transactivation through NIK/IKK in Human Glioma Cells. 2012 *PLoS ONE* 7(6): e39426.
2. Ranjan A, Kaur N, Tiwari V, Singh Y, Chaturvedi MM, Tandon V. 3,4-Dimethoxyphenyl bis-benzimidazole derivative, mitigates radiation-induced DNA damage. *Radiation Research* 2013 Jun;179(6):647-62.
3. Parkash B, Ranjan A, Tiwari V, Gupta SK, Kaur N, Tandon V. Inhibition of 5'-UTR RNA conformational switching in HIV-1 using antisense PNAs. *PLoS One.* 2012;7(11):e49310.
4. Kumar M, Nagpal R, Verma V, Kumar A, Kaur N, Hemalatha R, Gautam SK, Singh B.

- Probiotic metabolites as epigenetic targets in the prevention of colon cancer. *Nutrition Reviews* 2013 Jan;71(1):23-34.
5. Laveti D, Kumar M, Hemalatha R, Sistla R, Naidu VG, Talla V, Verma V, Kaur N, Nagpal R. Anti-inflammatory treatments for chronic diseases: a review. *Inflammation Allergy and Drug Targets*. 2013 Oct;12(5):349-61.
  6. Ingham P, Wang X, Wang H, Kaur N, Mathavan S, Fowler S, Weiser T, Cohen S, McGinnis C. A novel zebrafish model to predict organ toxicities in mammals. *Toxicology Letters* 2013 221:S233

## Department of Biotechnology

### Dr. Rishi Gupta

1. Gupta, R., Mehta, G., Kuhad, R.C. (2015). Scale-up of abatement of fermentation inhibitors from acid hydrolysates for efficient conversion to ethanol as biofuel. *Journal of Chemical Technology and Biotechnology*. <http://dx.doi.org/10.1002/jctb.4775>
2. Sharma, A., Thakur, V.V., Shrivastava, A., Jain, R.K., Mathur, R.M., Gupta, R., Kuhad R.C. (2014). Xylanase and laccase based enzymatic kraft pulp bleaching reduces adsorbable organic halogen (AOX) in bleach effluents: A pilot scale study. *Bioresource Technology*. <http://dx.doi.org/10.1016/j.biortech.2014.06.066>
3. Antil, P., Gupta, R., Kuhad, R.C. (2014) Simultaneous saccharification and fermentation of pretreated sugarcane bagasse to ethanol using new thermotolerant yeast. *Annals of Microbiology*. DOI 10.1007/s13213-014-0875-2
4. Deswal, D., Gupta, R., Nandal, P., Kuhad RC. (2014). Fungal pretreatment improves amenability of lignocellulosic material for its saccharification to sugars. *Carbohydrate Polymers* 99:264-269
5. Kumar S., Gupta R., Kumar G., Sahoo D. and Kuhad R.C. (2013). Bioethanol production from *Gracilaria verrucosa*, a red alga, in a biorefinery approach. *Bioresource Technology*. 135: 150-156.
6. Singh, R., Gupta, R., Adsul M, Kuhad RC, Gokhale D.V., Verma A.J. (2013). Biodegradation of Styrene-Butadiene-Styrene Copolymer via sugars attached to the polymer chain. *Advances in Materials Physics and Chemistry*. 3:112-118
7. Kumar L, Kumar D, Nagar S, Gupta R, Garg N, Kuhad RC and Gupta VK (2013). Modulation of xylanase production from alkaliphilic *Bacillus pumilus* VLK-1 through process optimization and temperature shift operation. *3 Biotech*. Doi:10.1007/s13205-013-0160-2
8. Gupta R., Mehta G and Kuhad R.C. (2012). Fermentation of pentose and hexose sugars from corncob, a low cost feedstock into ethanol. *Biomass and Bioenergy*. 47:334-341.
9. Gupta R, Kumar S., Gomes J. and Kuhad R.C. (2012). Kinetic study of batch and fed-batch enzymatic saccharification of pretreated substrate and their subsequent fermentation to ethanol. *Biotechnology for Biofuels* 5:16
10. Deswal D., Gupta R., and Kuhad R.C. (2012). Statistical optimization of process parameters for exoglucanase production by brown rot fungus *Fomitopsis* sp. RCK2010. *Applied Biochemistry and Biotechnology*. 168:2004-2016.
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#### **Ms. Shelley Duggal**

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#### **Mr. Vikas Mohan**

1. E-tourism approach to silk route formation: a perspective tool for marketing (2013) (ISSN-23481986), Volume-1, Issue-1, Pp 30-42.
2. Determinants of Spa Popularity (2015), *IJMCI*(ISSN-23487585), Volume-2, Issue-2, 2015, Pp520-530.
3. Branding and Imaging of a Newly Developed Destination (2015). *IJMCI* (ISSN-23487585), Volume-2, Issue-2, Pp 518-523.

#### **Department of Psychology**

##### **Dr Jitendra Kumar**

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2. Kushwaha, Jitendra Kumar (2013): Beck Anxiety Inventory: Hindi Translation and Re-Validation for Students of Higher Education. *Indian Journal of Community Psychology*, Vol.9, Issue.I, Pp 21-35. ISSN: 0974-2719
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4. Kushwaha, Jitendra Kumar (2011): Mental Health Problems due to Discrimination in Education: A theoretical exploration to Empirical Expedition in peer reviewed edited book by Chavan, Chetan. U. (2011): *Mental Health: The Role of Education*. Ketaki Prakashan Pvt Limt. Mumbai, Pp 212-216. ISBN: 978-81-922307-1-9

#### **Department of Sociology**

##### **Dr Sumedha Dutta**

1. Dutta, Sumedha. (2014). Dvaitvaad se pare: Aadhunik Bharat mein Dhaarmik Sansthaon ki Bhoomika. *Bharatiya Samaj Shastra Sameeksha*, 1(1), ISSN NO. 2349-1396, January-June:107-112
2. Dutta. Sumedha, "Mapping the plight of the urban poot in the era of the LPG", in Anand Kumar, Sarada Das and Ashish Das ed. *Chronic Poverty in India: Policy Issues and Challenges*, New Delhi: Vitasta Publications.



## Annexure II

### Department and Faculty Wise Book Published/Edited

#### Department of Biotechnology

##### Prof R C Kuhad

1. Lignocellulose Biotechnology: Present and Future Prospect, **Kuhad R C** and Singh A, I. K. International, New Delhi 2007
2. Advances in soil bioremediation. Soil Biology Series, Singh A, **Kuhad R C** and Ward O P, Springer, Verlag, Germany 2009
3. Bioaugmentation , Bostimulation and Biocontrol. Soil Biology Series, Singh A, Parmar, N. and **Kuhad R C**, Springer, Verlag, Germany. 2011
4. Biotechnology for environmental management and resource recovery, **Kuhad RC** and Singh A., Springer, Verlag, Germany. 2013

#### Department of Biochemistry

##### Dr Sanjay Kumar

1. HIC-I in Tumorigenesis:Tumor suppressor gene (Book). Scholar's press, ISBN: 978-3-639-76130-6

#### Department of Economics

##### Dr. Ranjan Aneja

1. Socio-Economic Regional Development in Haryana, LAP Publisher, ISBN 978-3-659-44604-7

#### Department of Education

##### Dr. Sarika

1. Examination System: ISBN 13-978-81-922141-0-8
2. Peace Oriented value Education: ISBN 13-978-81-922141-1-5
3. Academic Leadership & Women Empowerment ISBN 13-978-81-922141-3-9
4. Educational Administration & Gender Budgeting ISBN 13-978-81-922141-5-3
5. Compendium Anand Book Depot Delhi India/ 2013- ISBN 13-978-81-922141- 9-1

#### Department of English and Foreign Languages

##### Dr. Manoj Kumar

1. Rohinton Mistry's Creative Response to India published by Salabh Publishing House, Meerut (ISBN: 978-81-88681-39-6)
2. A Text Book for Objective Questions in English published by Prakash Book Depot, Bareilly (ISBN: 978-81-7977-247-8 )
3. Rohinton Mistry's Such a Long Journey: A Critical Study published by Prakash Book Depot, Bareilly (ISBN: 978-81-7977-391-8)
4. Insight: A Compendium of World Literature published by Yking Books, Jaipur, India (ISBN: 978-93-82532-50-7)

5. Yking Concise Encyclopaedia of Language, Literature and Culture published by Yking Books, Jaipur, India (ISBN: 978-93-82532-48-4)
6. English Literary Discourses at a Glance published by Yking Books, Jaipur, India (ISBN: 978-93-82352-95-8)

**Dr. Sanjiv Kumar**

1. Diasporic Transformations: Novels of V.S. Naipaul. Rawat Publications, Jaipur. ISBN: 978-81-316-0621-9.

**Dr. Bir Singh**

1. Scientific & Spiritual Vision of William Wordsworth published by RBSA Publishers, Jaipur in 2009 (ISBN- 978-81-7611-467-7)

**Department of Hindi and Indian Languages**

**Dr. Arvind Singh Tejawat**

1. Meeran kaa Jeevan by Lokbharti Prakashan (ISBN:9789352210275) Year: 2015

**Dr. Amit Kumar**

1. कठिन समय में/कविता संग्रह/सतलुज प्रकाशन, पंचकुला/ISBN 978-81-88803-14-9
2. लोकसाहित्यकार राजकिशन नैन: विवेचन और मूल्यांकन/आलोचना/अमृत प्रकाशन, दिल्ली/ ISBN 978- 81-8280-083-0
3. दुख कोई चिड़िया तो नहीं' कविता संग्रह, अंतिका प्रकाशन, गाजियाबाद से वर्ष 2015 में प्रकाशित ISBN 978-93-81923-81-8

**Department of Library and Information Science**

**Dr. Pawan Kumar Saini**

1. Library and Information Science UGCNET/SLET ISBN 978-93-82658-11-5, K. K .Publisher, New Delhi.

**Dr Narender**

- Library and Information Science: An Overview, Nirmal Publication, ISBN – 978-81-86400-302-8
- Library and Information Science: UGC NET/SET, Divyam Prakashan, ISBN- 978-93-82658-45-0
- School Library Organization and Management, Nirmal Publications, ISBN- 978-81-86400-305-2

**Department of Management**

**Dr. Anand Sharma**

1. Published as co-editor Edited book Application and Role of Statistics in Multidisciplinary Research (Pages 254) from K K Publishers, Delhi (ISBN No.978 81 7844 173 3)

2. Published as co-editor Text Book Business Studies for Class 12<sup>th</sup> National Institute of Open Schooling, (Govt. of India)(No.215 Sec co)

### **Department of Political Science**

#### **Dr. Rajeev Singh**

1. Manual Scavenging In India: The story of Unequal citizens: V.D.M publishing House Germany, 2010, ISBN NO. 978-3-639-21087-3.

### **Department of Physics**

#### **Prof. Nawal Kishore**

1. Advanced College Physics Volumel V.P.Seth, S.P.Taneja, N.Kishore Vijaya Publications, Ludhiana (Pb.)(1989)
2. Advanced College Physics Volumell S.P.Taneja, N.Kishore, V.P.Seth Vijaya Publications, Ludhiana(Pb.) (1989)
3. Solid State Physics and Electronics S.P.Taneja, N.Kishore, V.P.Seth Vijaya publications, Ludhiana (Pb.) (1990)
4. Nuclear Physics and Elementary Particles N.Kishore, V.P.Seth, S.P.Taneja Vijaya Publications, Ludhiana (Pb.) (1991)
5. Advanced College Practical Physics N.Kishore & V.P.Seth Vijaya Publications, Ludhiana(Pb.) (1992)
6. Electronics and Nuclear Physics N.Kishore , V.P.Seth, S.P.Taneja Vijaya Publications, Ludhiana(Pb.) (1992)
7. Optics: Waves and Oscillations V.P.Seth, S.P.Taneja and N.Kishore Vijaya Publications, Ludhiana (Pb.) (1994)
8. Solid State Physics, Atomic, Molecular and Laser Physics V.P.Seth, and Nawal Kishore Vijaya Publications, Ludhiana (Punjab) (2004)
9. Quantum Mechanics and Nuclear Physics Nawal Kishore and V.P.SethVijaya Publications, Ludhiana (Punjab) (2004)
10. Atomic, Molecular, Laser and Nuclear Physics V.P.Seth, and Nawal Kishore Vijaya Publications, Ludhiana (Punjab) (2011)
11. Solid State Physics and Quantum Mechanics V.P.Seth, and Nawal Kishore Vijaya Publications, Ludhiana (Punjab) (2011)
12. Quantum Mechanics, Laser and Nuclear Physics Nawal Kishore and .P.SethVijayaPublications, Ludhiana (Punjab) (2011)

#### **Dr. Aditya Saxena**

1. Thermal Physics, (Institute of Life Long Learning (ILLL), India, 2015) Sole Editor: Aditya Saxena. ISBN: 978-81-931455-8-6
2. Digital Electronics, (Institute of Life Long Learning (ILLL), India, 2015) Sole Editor: Aditya Saxena. ISBN: 978-81-931455-9-3
3. Mechanics, (Institute of Life Long Learning (ILLL), India, 2015) Sole Editor: Aditya Saxena. ISBN: 978-93-85611-79-7
4. Oscillations and Waves, (Institute of Life Long Learning (ILLL), India, 2015) Sole Editor: Aditya Saxena. ISBN: 978-93-85611-81-0



5. Electricity and Magnetism, (Institute of Life Long Learning (ILLL), India, 2015) Sole Editor: Aditya Saxena. ISBN: 978-93-85611-82-7
6. Mathematical Physics-I, (Institute of Life Long Learning (ILLL), India, 2015) Sole Editor: Aditya Saxena. ISBN: 978-93-85611-78-0
7. Mathematical Physics-II, (Institute of Life Long Learning (ILLL), India, 2015) Sole Editor: Aditya Saxena. ISBN: 978-93-85611-80-3
8. Mathematical Physics-III, (Institute of Life Long Learning (ILLL), India, 2015) Sole Editor: Aditya Saxena. ISBN: 978-93-85611-83-4
9. Microprocessor and Computer Programming, (Institute of Life Long Learning (ILLL), India, 2015) Sole Editor: Aditya Saxena. ISBN: 978-93-85611-84-1
10. Optics, (Institute of Life Long Learning (ILLL), India, 2015) Sole Editor: Aditya Saxena. ISBN: 978-93-85611-85-8
11. Numerical Analysis, (Institute of Life Long Learning (ILLL), India, 2015) Sole Editor: Aditya Saxena. ISBN: 978-93-85611-86-5

### **Department of Tourism and Hotel Management**

#### **Prof. Ashish Dahiya**

1. Food of Haryana: The Great Desserts - Dahiya Ashish, University Press MD University Rohtak India. (2013)
2. Food of Haryana: The Great Chutneys -Dahiya Ashish, University Press MD University Rohtak India.(2012)
3. Hospitality Industry Contemporary Issues-S.C Bagri & Ashish Dahiya, Centre for Mountain Tourism & Hospitality Studies, HNB Garhwal Central University, Uttarakhand, India (2009)
4. Introduction to Hospitality Industry: A Text Book Prof. S.C Bagri & Ashish Dahiya, Aman Publications - New Delhi (2008) Hardbound

### **Department of Psychology**

#### **Dr Jitender Kumar**

1. Kushwaha, Jitendra Kumar & Wankhede, G.G. (2012): Discrimination in Higher Education: Perception and Experiences of OBC Students. Lambert Academic Publishing, Saarbrucken, Germany. ISBN: 978-3-8484-1704-9

### **Department of Environment Science**

#### **Dr Mona Sharma**

1. **Mona, S.** Kaushik, A. 2015. Biohydrogen production and biosorption of textile dye from wastewater. ISBN 978-3-659-69996-2, Lambert Academic Publishing, Germany, 1-133

#### **Dr Anoop Yadav**

1. **Yadav, A.** and Garg, V.K. (2013). Management of Organic wastes by vermicomposting. In: Advances in Industrial Biotechnology (Eds Ram Sarup Singh, Ashok Pandey and Christian Larroche) IK International Publishing House Pvt. Ltd., India. 477-501. ISBN 978-93-82332-53-4

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#### **Department of Commerce**

##### **Dr Suman**

- Stock market return and volatility in developing countries. ISBN No 978365919791. Lambert Academic Publishing, Germany.

#### **Department of Geography**

##### **Dr. Aneesh Kumar Mishra**

- Mishra A.K. (2012): 'Urban Land Use and Planning: A Study of Emerging Alwar, India', Lap Lambert Academic Publishing, Saarbrücken, Germany, ISBN 978-3-659-14395-3

##### **Dr. Naresh Kumar Verma**

- Geopolitics of Nuclear and Energy Resources: A Case Study of Korean Peninsula in the Cold War Era", VDM Publishing House, Saarbrücken (Germany), 2010, ISBN: 978-3639323498.
- "Nuclear Programmes of North Korea and Iran: A Comparative Geopolitical Analysis" Manak Publishers, Delhi (2014), ISBN 978-93-7831-399-9.

#### **Department of Computer Sciences and Information Technology**

##### **Dr Sunil Kumar**

- Edge Detection using Rough Set Theory, ISBN: 9783659768095, Lambert Academic Publishing, Heinrich-Bocking, Germany

#### **Department of Statistics**

##### **Vinay Kumar**

- Kumar, Vinay (2014). Application and role of statistics in Multidisciplinary approach. K K Publishers, Delhi (ISBN No.978 81 7844 173 3)

## **CRITERION IV**

# **INFRASTRUCTURE AND LEARNING RESOURCES**

## CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1. Physical Facilities

Undoubtedly, the infrastructure and learning resources are one of the most important components for any academic institution where the overall performance depends significantly upon the quality and availability of such facilities. In addition, it is worth noticing that a conducive and favorable environment that promotes teaching, learning, and research is an essential requirement for the University so that the right goals and positive growth could be achieved in times to come.

In order to ensure reasonably sufficient infrastructure in terms of physical facilities, library as learning resources, and IT infrastructure, Central University of Haryana has been putting best efforts in this direction since its establishment.

The University started functioning from its permanent campus w.e.f. August 2013 which is spread over 488 acres located at Jant-Pali Villages, about 13 Kms away from Mahendragarh Railway Station. Prior to August 2013, the University was functioning from its temporary campus located at Government B.Ed College, Narnaul. Although this place comes under semi-arid zone, several initiatives have already been taken to beautify and enrich environment of the campus through wide and regular plantation drives. The University is one of the newly established Central University and has been utilizing the existing physical infrastructure efficiently and optimally.

University has got environmental clearance for the first and second phase of construction. University is following the concept of green buildings for the proposed construction and developmental activities of the university. The second of construction work includes Academic blocks, Administrative blocks, and Vice-Chancellor's House, Permanent staff quarters, Central library, Sports complex and these are being constructed by NBCC (National Buildings construction corporation Ltd.) and CPWD (Central Public Works Department).

To have an overview of the physical infrastructure, one can broadly categorize them in the following three categories:

**1. Teaching and learning related infrastructures:** In this regard, the following facilities have come up:

- Well-furnished and ventilated classrooms of adequate size having ICT facility, white-board,

projector etc.

- Smart class room facility available with all the departments.
- State of the art laboratories available with all the departments.
- 24 in to 7 power supply and Wi-Fi based internet facility.
- A state of art, air conditioned and spacious auditorium with a seating capacity of 200.
- A full-fledged centralized library.

## **2. Accommodation related infrastructures:**

Accommodation facilities at the campus include:

- Two hostels: one for boys and one for girls, with a capacity of 200 students each.
- A semi-permanent housing complex is built for the teaching staff and the permanent residential complex for both teaching and non-teaching staff is in advanced stage of construction.
- Part of girl's hostel is presently used as guest house and 8 rooms are specified for this purpose.

## **3. Infrastructures that support basic/general needs:** This component has the following facilities:

- Health Centre: The University has a medical unit with a facility of Doctor on Call along with two nursing staff working round the clock to provide medical facility to the students and the staff .The transportation facility is made available to the health centre on the need basis.
- Transportation: The University has its own bus that commutes between the University and Mahendragarh on all working days (Monday to Friday) on regular intervals so that students, teaching and non-teaching staff could easily commute. Haryana Roadways buses too have stopover at the University.
- Canteen: The University has one Vita Milk Booth for milk products and one general canteen to cater the basic needs of students and staff.
- Shopping Complex: A shopping complex has recently started functioning and have number of shops to fulfill the basic needs.
- Bank: The University has a branch of Punjab National Bank is its campus with ATM facility.
- Security: Adequate arrangements have been made in order to ensure safety of man and material. Ample numbers of security guards are being deployed at various entry and exit points. Firefighting equipment's have been placed at various points in the University

buildings.

- Sports Complex: The sports complex has been recently developed which consists of the facilities like hockey, volleyball, football and cricket grounds along with six lanes of 400 m running track. In addition, hostels and academic blocks have tennis and badminton courts.
- Gymnasium: There is separate well equipped gymnasium in boys and girls hostels.
- Recreational activities: Each hostel has a common room with TV facility.
- Roads: All the buildings in the campus are well connected with good quality roads.
- Helipad: The University has its own helipad near the main entrance.
- Garden: All the buildings in the campus are surrounded by lush green gardens.
- Water supply: Presently bore-well is used for water supply in the campus. In order to meet the future requirements, Canal water would be used as an agreement has been made between the University and Irrigation Department of Haryana.
- Electricity: The University has dedicated power supply from the electricity board and in addition to that it has its own DG sets to ensure uninterrupted power supply.
- Internet: The University campus including hotels is fully equipped with Wi-Fi facilities.

**4.1.1. How does the University plan to ensure adequate availability of physical infrastructure and ensure its optimal utilization?**

Presently the University has four well-furnished buildings which include Academic block, Administrative block, Boys hostel and Girls hostel. Construction work for new academic blocks No. A-1, A-3, A-4; 48 number of Type-II permanent houses for non-teaching staff and 24 number of Type-IV houses for faculty is in advanced stages of construction. NBCC has been appointed for construction work of the academic blocks and Vice Chancellor's residence and CPWD has been given the responsibility for construction of residential houses. The construction work is expected to be completed by August 2016.

There are several building projects like; Health Centre, Central Library Building, Academic Block No. 2, Faculty Guest House, Construction of Sewerage Treatment Plant, Water Treatment Plant, Canal Water Supply Line, Water Distribution Pipe Line, Sewerage Line, and Electric Sub-Station etc. that would be taken up during XII Plan.

**4.1.2. Does the University have a policy for creating and enhancement of infrastructure in order to promote good teaching-learning environment? If yes, mention a few recent**



**activities.**

Yes, the University is dedicated to create and enhance the infrastructure to promote conducive environment for teaching and learning. The advisory committees such as Finance Committee, Building Committee and other sub-committees formally plan and recommend the policies and execution channels for creating and enhancement of infrastructure. Accordingly, phase-wise expansion is taking place in the University. All existing buildings and class rooms are Wi-Fi enabled and this facility will be extended to new buildings (academic, administration, student's activity centre and guest house etc.) soon after the possession. The University has developed an interactive website to host all relevant information including faculty profile, academic calendar, admission and examination and other details.

**4.1.3. How does the University create a conducive physical ambience for the faculty in terms of adequate research laboratories, computing facilities and allied services?**

As an initiative to develop a conducive ambience for promoting research, the faculty members have been provided space for research laboratories as per their requirement. Access to photocopy, scanning or other related services is also provided through the central library of the University. The laboratories are available for all faculty at all times including odd hours on request.

**4.1.4. Has the University provided all the departments with facilities like office room, common room, and separate rest room for women students and staff?**

Yes, the University has adequately allocated office rooms for faculty members, class-rooms, and space for laboratories to all the departments as per the requirement. A common room is allocated for reading purpose, and there is also sufficient provision for rest /waiting rooms.

#### **4.1.5. How does the University ensure that the infrastructure facilities are disabled friendly?**

In order to ensure that the infrastructure facilities are disabled friendly, the University observes national guidelines pertaining to the same. Further, there is a provision of ramps and railing facilities at all important entrances in the buildings. Majority of important activities are disabled friendly such as library is functioning on the ground floor. The new buildings are planned to be designed in a manner that all facilities such as ramps, lifts, washrooms and railings would be constructed appropriately for the disabled. The separate accommodation facilities are being provided for the disabled in the boys and girls hostels. A disabled student from the English department has been provided with electric wheel chair by the University.

#### **4.1.6. How does the University cater to the requirements of residential students? Give details of:**

Hostel life is unique in the sense that you are away from your own family, and you get a chance to live with people from diverse background where diversity could be found in terms of language, dressing, and cultural differences. That may useful from the point of view to learn and share various aspects of life from people with different backgrounds. In order to provide good hostel facilities the University is committed to work towards the betterment of the residential requirements of students.

##### **Capacity of the hostel and occupancy (to be given separately for men and women):**

There are two hostels one each for boys and girls. The intake capacity of each hostel is 200 and maximum two students are accommodated in a single room. Since limited hostel facilities are available at present, one more student can be allowed to stay in a room if both students mutually agree to share.

##### **Recreational facilities in hostels e.g. gymnasium, yoga centre etc.:**

The University has well-equipped gymnasium each in the boys and girls hostel with appropriate arrangement for yoga activities. A common room with LCD is also provided in both hostels with cable facility. The indoor games facilities like; chess, table tennis, badminton, carom board, etc. are also provided to the students in both the hostels.

##### **Broadband Connectivity/Wi-Fi in the Hostels:**

Both hostels have the Wi-Fi facility with a speed of 1Gbps.

**4.1.7. Does the University offer medical facilities for its students and teaching/non-teaching staff living on campus?**

Yes, the University has a medical unit with a facility of Doctor on Call along with two nursing staff working round the clock to provide medical facility to the students and the staff .The transportation facility is made available to the health centre on the need basis.

**4.1.8. What special facilities are available on campus to promote students' interest in sports and cultural events/activities?**

The sports and cultural activities are important part of students' life as these could be instrumental in developing a sound health, good personality and familiarizing with cultural awareness. Keeping in mind this point, the University has been constantly focusing on such issues.

**A brief overview of this aspect is below mentioned:**

**Promotion of sports interests:**

The University has a sport complex/stadium and this can facilitate a variety of games such as cricket, football, hockey, volleyball, Kho-Kho and 400 m athletic track. In the hostels, there is an arrangement of indoor games like table tennis, badminton, etc. Under the supervision of the In-charge Sports, various activities such as management, coordination and development of sports related issues and above all the interests of students are promoted. In addition to that various sports activities are organized in the University from time to time.

**Promotion of extra-curricular interests:**

The University makes all efforts towards ensuring this vision by building partnership with community, neighborhood educational institutions, and with other stakeholders. The cells and clubs of the University such as Book Reading Club, Cell for Differently-Abled, Women Empowerment Cell, SC/ST Grievances Cell, Anti-Sexual Harassment Cell, Group for Promotion of Arts, Culture and Heritage, Equal Opportunity Cell takes care for holistic development of the students. The University is fully committed to make the learning environment more conducive and inclusive through the above mentioned cells. Several programmes are being organized by NSS (National Service Scheme), YRC (Youth for Red Cross) unit of the University and the students volunteers take active initiative in Cleanness campaign, Plantation drive, Blood donation camp and other community development

programmes.

The University celebrates various days of national and international importance like Yoga Day, Environment Day and International Day for Girl Child, etc. through the concerned cells. In order to recognize the comprehensive role of art as an expression of the cultural values of a society the University works towards preserving these expressions for the benefit of future generations through the functioning of the Group for the Promotion of Arts, Culture and Heritage. The University has been added as a chapter of SPIC MACAY which is a non-political nationwide voluntary movement that organizes various cultural programmes to promote Indian and world heritage. To ensure the holistic development of the students various industrial visits are being organized by the Career Counseling, Training and Placement Cell and many more extracurricular activities keep taking place in the University.

## **4.2. Library as a Learning Resource**

### **4.2.1. Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been taken by the committee to render the library student/user friendly?**

The University Library is having a comprehensive book subscription procedure at par with other prominent University libraries of India. A three-tier Library Committee has been constituted for smooth functioning of the University library which is mentioned below:

#### **Library Committee**

- ◆ Vice Chancellor, Chairperson
- ◆ Registrar, Ex-Officio Member
- ◆ All the Deans of Schools, Ex-Officio Member
- ◆ Dean Students' Welfare, Ex-Officio Member
- ◆ Finance Officer, Ex-Officio Member
- ◆ Librarian, Secretary

#### **Book Purchase Rate Committee (BPRC)**

- ◆ Registrar, Chairperson
- ◆ All Heads/Officiating Heads of the concerned Departments, Ex-Officio Member
- ◆ Finance Officer, Ex-Officio Member
- ◆ Librarian, Secretary

### **Departmental Purchase Committee**

- ♦ All Heads/Officiating Heads of the concerned Departments, Member
- ♦ All Faculty members of the concerned Departments, Member

It was resolved on 28<sup>th</sup> August, 2014 to finalize and recommend books through the Departmental Purchase Committee.

### **Book subscription procedure adopted:**

The requisition of books submitted by the faculty members of different School/Department is routed through the respective Heads/Deans to the library committee for recommendation to purchase. The duplicity of the books is being verified by the library staff before placing the list of recommended books before the Library Committee for its review. Once approved by the Library Committee for purchase, Library Staff again verifies the library OPAC to eliminate any duplicate orders. The library staff then prepares the final list of books to be purchased and place the book supply orders to the approved vendors on the terms and conditions for book purchase decided by the BPRC (Book Purchase Rate Committee) of the University.

### **The following activities are also performed by the committees:**

- ♦ Supervision on general matters related to University library.
- ♦ Formulation of rules for management and use of the library subject to the approval with the authorities of the University.
- ♦ Preparation of annual report of University library and its submission to administrative authority.
- ♦ Preparation of proposals related to the development of library.

### **1. Provide details of the following:**

- **Total area of the library:** 3530 square feet
- **Total seating capacity: (Persons)**  
**Reading Hall (study centre):** 125  
**Reference Section:** 25  
**E-Resource Lab:** 25

- **Working hours (on working days, on holidays, before examination, during examination, during vacation)**

**On all working days (Monday to Friday):** 09:00 am to 08:00 pm

**On Holidays (Saturday and Sunday):** 10:00 am to 04:00 pm

**During Examination:** 09:00 am to 08:00 pm

**During Vacations:** 10:00 am to 04:00 pm

- **Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**

**Individual reading carrels:** Reading Section

- **Clear and prominent display of floor plan; adequate sign boards; Fire alarm; access to differently-abled users and mode of access to collection**

Various sign boards are adequately placed for clear and easy access to the library. In order to fight any fire incidence in the library, adequate firefighting appliances are being installed at proper places. The ramp facility is also provided for differently-abled students enabling them to easily access the library facilities. From the security point of view, CCTV cameras are also installed in all the parts of the library.

#### 4.2.2. Give details of the library holdings:

##### **Print (books, back volumes and theses)**

Sr. No.	Type of Learning Resource	Total No.
1	Books	20866+
2	Print Journals	49
3	E-Resources/E-books & Journals	20915+
4	CDs/DVDs	80
5	Reports	251
6	Magazines	14 = 4 Hindi + 10 English
7	Newspapers	14 = 7 Hindi +7 English

**Average number of books added during the last three years**

On an average, approximately 4183 books were added during the last five years.

**Non Print (Microfiche, AV)**

**Microfiche:** Nil

**AV:** Nil

**Electronic (e-books, e-journals):** 8500+( e-journals)

<b>E-Resources &amp; Databases accessed through UGC- INFLIBNET consortium</b>		
<b>Sr. No.</b>	<b>Publisher</b>	<b>URL</b>
1	American Chemical Society	<a href="http://www.pubs.acs.org/">http://www.pubs.acs.org/</a>
2	American Institute of Physics	<a href="http://journals.aip.org/">http://journals.aip.org/</a>
3	American Physical Society	<a href="http://publish.aps.org/browse.php">http://publish.aps.org/browse.php</a>
4	Annual Reviews	<a href="http://arjournals.annualreviews.org/">http://arjournals.annualreviews.org/</a>
5	Economic & Political Weekly	<a href="http://www.epw.in">http://www.epw.in</a>
6	Elsevier Science	<a href="http://www.sciencedirect.com/">http://www.sciencedirect.com/</a>
7	ISID	<a href="http://isid.org.in/">http://isid.org.in/</a>
8	JCCC	
9	Oxford University Press	<a href="http://www.oxfordjournals.org/">http://www.oxfordjournals.org/</a>
10	JSTOR	<a href="http://www.jstor.org/">http://www.jstor.org/</a>
11	Project Euclid	<a href="http://projecteuclid.org/">http://projecteuclid.org/</a>
12	Royal Society of Chemistry	<a href="http://www.rsc.org/Publishing/Journals/">http://www.rsc.org/Publishing/Journals/</a>
12	SIAM	<a href="http://epubs.siam.org/">http://epubs.siam.org/</a>
14	MathSciNet	<a href="http://www.ams.org/mathscinet/">http://www.ams.org/mathscinet/</a>
15	Springer Link	<a href="http://www.springerlink.com/">http://www.springerlink.com/</a>



### E-Resources & Databases accessed through UGC- INFLIBNET consortium

Sr. No.	Publisher	URL
16	Taylor & Francis	<a href="http://www.informaworld.com/">http://www.informaworld.com/</a>

#### Special collections (e.g. text books, reference books, standards, patents) :

On the basis of the requirement of various departments there is sufficient number of text books and adequate collection of reference books is available in the library. As the University is in the nascent stage, efforts are in process for patents and copyrights.

#### Book Banks:

The University is having its own Book Bank facility and each student is provided four books for the full semester.

#### 4.2.3. What tools does the library deploy to provide access to the collection? OPAC:

University library is having OPAC system.

- ♦ **Electronic Resource Management package for e-journals:**  
E-Journals are accessible through UGC- INFONET Digital Library Consortium.
- ♦ **Library Website:**  
A Separate link is being provided on the University website.
- ♦ **In-house/remote access to e-publications:**  
Yes, the University is having in-house/ remote access to e-publication.

#### 4.2.4. To what extent is ICT deployed in the library?

Library is fully automated.

##### 1. Give details with regard to

- ♦ **Library automation:** E-Granthalya
- ♦ **Total number of computers for general access:** 25
- ♦ **Total numbers of printers for general access:** 4
- ♦ **Internet band width speed:** 1 Gbps
- ♦ **Institutional Repository:**

The creation of Institutional Repository is under process.

- ♦ **Content management system for e-learning:**

Content Management system will be started soon.

- ♦ **Participation in resource sharing networks/consortia (like INFLIBNET)**

The University is a member of UGC- INFLIBNET.

**2. Provide details (per month) with regard to**

- ♦ **Average number of walk-ins:** 865 per month.

- ♦ **Average number of books issued/returned:** 1266 per month

- ♦ **Ratio of library books to students enrolled:**

1:19 books per student

**3. Library membership:** 1083 students + all faculty members are registered user.

**4. Average number of books added during the last Five years:**

4173 in last Five years (Total number of books: 20866, as on 17 October, 2015)

**5. Average number of login to OPAC:** 400+

**4.2.5. Give details of specialized services provided by the library with regard to**

**1. Borrowing Facility: Number of documents permitted to be borrowed at a time.**

Sr. No.	Category	Number of Book	Loan Period
1.	Teachers	10	60 days
2.	M.Phil. and Research Scholars	6	25 days
3.	PG students	4	15 days
4.	Non- Teaching staff	2	15 days

**2. Reference service:** Fresher's are offered orientation programmes to apprise them of library organization and services.

**3. Reprography/Scanning:** Photocopying / Scanning / printout services are provided from 9.00 am to 8.00 pm on nominal payment basis during all working days.

**4. OPAC (Online Public Access Catalog):** OPAC is the representation of the Library's collection of learning resources. The catalog is accessible to the bonafide users.

#### **5. Future Plan**

- Information literacy and orientation programme.
- Virtual reference service
- Digitization of doctoral theses/ M.Phil. dissertations and book bank facility

**4.2.6. Provide details of the annual library budget and the amount spent for purchasing new books and journals.**

Details of the amount spent on Book/Journals purchase:

S. No.	Year	Amount (Rs.)
1	2009-2010	5,61,624
2	2010-2011	8,39,437
3	2011-2012	2,38,7981
4	2012-2013	55,82,292
5	2013-2014	1,28,83,393
6	2014-2015	17,06,887
7	Total	2,39,61,614

**4.2.7. What initiatives has the University taken to make the library a ‘happening place’ on campus?**

Several initiatives have been taken to expose the value of library and its associated content through information literacy, orientation programme and book exhibitions. There is a reading hall adjoining the library with a capacity of 60 students where they can easily access the books, magazines and newspapers. The E-library provides 8500+ journal accessibility and helps the students, research scholars and faculty members to carry out their research work to achieve the vision of interdisciplinary research of the University.

**4.2.8. What are the strategies used by the library to collect feedback from its users? How is the feedback analyzed and used for the improvement of the library services?**

In order to collect feedback from library users, there is a provision of suggestion box and a register placed in the library. These suggestions are placed before the various competent authorities for rectification and remedial action.

**4.2.9. List the efforts made towards the infrastructural development of the library in the last four years.**

Several efforts have been made to enhance the library infrastructure such as furnishing the

reading halls, channel book racks and installation of CCTV cameras etc. The blueprint of the new Central Library building has been approved.

The new Central Library building will have the following facilities:

- The building will have maximum windows with thermally insulated glass so as to achieve maximum day light and minimum electricity consumption.
- Energy efficient central air conditioning.
- Rooftop solar power generation system with battery backup for night reading hall.
- CCTV system/ access control with smart card will be installed in the building.
- Fire safety measures will be incorporated as per National Building Code.
- Adequate audio/video facility to be provided in the conference hall & seminar rooms.
- Building management system/library management system will be installed in library with information kiosks at approved places.

### **4.3. IT Infrastructure**

#### **4.3.1. Does the University have a comprehensive IT policy with regard to:**

##### **IT Service Management –**

The University follows certain general rules the IT facility: preparing note sheet for purchase, tender and maintenance of stock registers for all necessary IT related matters. Separate user id is provided to the Student as well as to the teaching and non-teaching staff for accessing internet facility. The computer labs are equipped with latest hardware's and software's. The sitting capacity of the computer labs is around 50. CCTV cameras are installed at the University Building to avoid misuse of IT facility.

##### **Information Security**

The University uses Core Layer Switch and Secure Password with router and switches to secure information. Additionally, there is a provision of backup system for the important databases.

##### **Network Security**

The University uses Cyberoam that restricts outsiders to use the network. In addition to this, to enable the access of internet facility, unique user id is provided to all teaching & non-teaching staff and students. The students have to renew the id at the beginning of each

semester. All the computer systems of the labs are having updated antivirus in order to make it fully secure.

### **Risk Management**

For the Risk Management the University takes the following steps:

- Updated Anti-Virus is being used in all computer systems.
- CCTV Cameras are installed in the University campus.
- Regular monitoring of cameras in library, computer labs and main gates to prevent illegal entrance.
- Monitoring of network using Cyberoam.

### **Software Asset Management**

**For the Software Asset Management the following steps are being taken:**

- Maintenance of Stock registers for available items.
- Separate committees have been notified for the purchase of various software items.
- Purchase of license as per the requirements.

### **Open Source Ressources**

The University has started the process of developing Massive Online Open Courses (MOOCs) for which proposals have been submitted by the faculty members from various departments. The University has a policy to promote free open source software wherever possible.

### **Green Computing**

The University has implemented following measures regarding Green Computing:

- Less paper consumption.
- Creating and delivering documents in digital format by Google forms, emails etc.
- Purchasing items by checking energy star.
- Use of LED displays.
- All the University teaching and non-teaching staff have been provided separate E-mail id's in order to make the smooth official communication process, which has reduced the paper work of the University.

#### **4.3.2. Give details of the University's computing facilities i.e., hardware and software.**

##### **i. Number of systems with individual configurations**

- 90 computers with operating system Windows-8 professional, 4GB RAM, High Definition Graphics card.
- 20 Vista computers.
- 45 Window -8 Computers with 4GB RAM, i3 Processor and 500 GB Hard Drive.

ii. **Computer-student ratio**

There are approximately 50 computers installed in computer laboratory, E-library, and MCA laboratory etc. Apart from this, there are more than 100 computers in our University with teaching and non-teaching staff. Presently, more than 1000 students are registered in the current Academic Session. The computer-student ratio is  $50/1000 = 1/20$ , i.e. 20 students are using one single computer.

iii. **Dedicated computing facilities**

- Microsoft Office 2010 & 2013
- Quick Heal Endpoint Security for Small and Medium business.
- Oracle (Oracle 12 C Standard Edition one)
- Visual Studio (Professional Edition 2013)
- Java
- Linux
- Turbo C/C++
- SPSS

iv. **LAN facility**

LAN facility has been provided to all the rooms in the Administrative and Academic blocks. The University has the LAN facility of 1 Gbps to access the NKN (National Knowledge Network). There are around 500 LAN points in the University.

v. **Proprietary software**

- Oracle (Oracle 12 C Standard Edition one)
- Microsoft Office
- Quick Heal
- Visual Studio (Professional Edition 2013)
- SPSS

vi. **Number of nodes/ computers with internet facility**

There are 500 nodes in the University and all the computers are connected with internet



facility.

**4.3.3. What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?**

All the existing building have internet facility and are Wi-Fi enabled. The University is planning to deploy internet facility for new Administrative and Academic Blocks that are under construction. The University has already submitted the plan to MHRD for campus wide Wi-Fi and networking.

**4.3.4. Give details on access to on-line teaching and learning resources and other knowledge and information database/package provided to the staff and students for quality teaching, learning and research.**

The University is in process to develop Massive Online Open Courses (MOOCs) and proposals have already been submitted by various faculty members. All the Departments are IT facilities to enrich the teaching-learning process. Computers and LED Projectors have been made available to facilitate the IT based teaching in all the departments. Various online learning resources are made available to the Faculty and Students through the library.

**4.3.5. How does the University address issues such as authenticity and copyright with regard to online resources that lie outside the University?**

The Plagiarism software URKUND is present in the library to check the dissertations of the research scholar's and research work of the University.

**4.3.6. What are the new technologies deployed by the University in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?**

The following initiatives have been taken in this regard:

- Well-designed smart class room.
- Internet facility accessible to all students and teaching/non-teaching staff through Wi-Fi based system.
- E-library and Computer labs are available.
- Introducing MOOC and online courses.

- Video Conferencing.

**4.3.7. What are the IT facilities available to individual teachers for effective teaching and quality research?**

Following steps have been taken in this regard:

- For the effective teaching and quality research there is the accessibility of 8500+ e-journals.
- Wi-Fi connectivity has been provided in each and every room. Access to internet is provided with unique user ID.
- Projector and LED screen have been installed for Classroom presentations.

**4.3.8. Give details of ICT-enabled classrooms/learning spaces available within the University? How are they utilized for enhancing the quality of teaching and learning?**

The class rooms are furnished with projector, LED and Wi-Fi facilities. The usage of various social groups like Google group are used for the information communication among faculty and students. The Faculty delivers the lecture by using the MS-PowerPoint presentations and other ICT tools.

**4.3.9. How are the faculty assisted in preparing computer- aided teaching-learning materials? What are the facilities available in the University for such initiatives?**

As the University campus is Wi-Fi enabled, all the faculty members can view and download the case studies, presentations, reading materials and other resources for preparing the teaching learning material. Moreover, the e- journals available in the library are sufficient to update the knowledge of faculty members.

**4.3.10. How are the computers and their accessories maintained?**

The computer and the accessories are being maintained by the following ways:

- The University ensures 3 years comprehensive warranty for the purchased items related to the hardware's and software's of the computers and five year warranty for network equipment's.
- Tracking of software and hardware is done in a register, namely, Product Movement Register.
- Staff for the technical assistance ensures the maintenance of all the computers in the

University.

**4.3.11. Does the University avail of the National Knowledge Network connectivity? If so, what are the services availed of?**

Yes, the University is using National Knowledge Network (NKN) for Internet connectivity. All the internet facility and video conferencing are done with it.

**4.3.12. Does the University avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?**

Yes, the University avail web resources such as Wikipedia, dictionary and other education enhancing resources. In the present time, the role of open web resources such as Wikipedia, Scholarpedia, Wolfram and other relevant education enhancing resources have become so important that it is useful to go through them to have an overview of any topic

**4.3.13. Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the University.**

The departments are provided with sufficient funds for maintenance and up-gradation of computers.

**4.3.14. What plans have been envisioned for the gradual transfer of teaching and learning from closed University information network to open environment?**

Efforts have been made to avail open information that can be freely accessed through the internet. The University has planned to develop Massive Online Open Courses (MOOCs) that would be freely accessible to anyone who is interested in distance learning.

**4.4. Maintenance of Campus Facilities**

**4.4.1. Does the University have an estate office/ designated officer for overseeing the maintenance of building, class-rooms and laboratories? If yes, mention few of campus specific initiative undertaken to improve the physical ambience?**

The University has a designated officer i.e. “Executive Engineer” who oversees the maintenance of various assets of the University including building, class-rooms and laboratories. Following initiatives have been taken in this regard:

- Ample number of trees have been planted in the University campus in order to make the campus green.
- The faculty garden has been developed between the faculty Semi-permanent quarters of the University.
- The University is having Sewage Treated Plant (STP), the treated water is further used for horticulture.
- The University roads have been provided with delegators.
- LED lights have been installed.
- The solar geysers have been installed in the boys and girls hostels.
- CCTV camera have been installed in the administrative block for the security purpose.
- Kitchen garden has been developed.

**4.4.2. How the infrastructure facilities, services and equipment are maintained? Give details.**

The infrastructure facilities and services are managed under the supervision of the Executive Engineer. Equipment's of the laboratories are managed and maintained by the concerned departments. The University has employed sufficient staff to maintain the electricity, security, garden and others services.

# **CRITERION V**

## **STUDENT SUPPORT AND PROGRESSION**

## **CRITERION V: STUDENT SUPPORT AND PROGRESSION**

### **5.1. STUDENT MENTORING AND SUPPORT**

In the University, the students are mentored and supported from the time of admission to exit time by various academic and administrative heads. During the stay of students in University campus, they may avail the support of services like library, internet, hostel, sports, canteen, medical and insurance. The facilities provided have attracted more students over the years.

#### **5.1.1. Does the University have a system for student support and mentoring? If yes, what are its structural and functional characteristics?**

Yes, the University has a well-developed system of support and mentoring for the students in the campus. The University has instituted various schemes for the welfare of the students. Most of these schemes are undertaken by the Dean, Students Welfare. The University arranges bus facility for the students commuting daily from the villages around. Several scholarships are awarded to the needy and deserving students under different schemes. A scheme of '*Earn While You Learn*' is also operative for the benefit of the students belonging to weaker sections of the society in order to make them self-reliant while pursuing their studies on the campus. The University bears the expenditure incurred by the students on educational tours too.

Various Cells and Clubs are constituted in the University for mentoring and support of students such as Group for promotion of Art, Culture and Heritage, Sports club, Movie club, National Service Scheme and Youth Red Cross, Cell for Person with disability etc. These cells/clubs help in all-round and multifaceted personality development of the students. Various cultural, literary, and adventurous events of local, regional and national importance are organized by these cells and clubs.

The University provides residential accommodation on the campus to most of its students in its two hostels – one each for girls and boys.

#### **5.1.2. Apart from classroom interaction, what are the provisions available for academic mentoring?**

Besides classroom interactions, there are multiple opportunities for the students to grow in their academic and other related fields. The departments/institutes periodically organize

seminars/workshops and conferences where the students get opportunities to interact with experts in their respective fields, as also with their seniors in the subject.

The departments also arrange and organize special lectures/workshops in association with the Career Counseling and Placement Cell and with the office of the Dean Students Welfare, which also help the students to develop and grow.

In addition to the above, students are taken to the field trips and educational tours to visit the various institutions, research stations and industries located in the various parts of the country. Besides, students are given Personal Counselling and remedial coaching is provided for students who require extra training. Special coaching classes for competitive examinations like SSB, NET-UGC are provided for advanced learning.

**5.1.3. Does the University have any personal enhancement and development schemes such as career counseling, soft skill development, career-path-identification, and orientation to wellbeing for its students? Give details of such schemes.**

Yes, the University has several schemes wherein the students get opportunities for their overall growth, development and to realize their true potential. Various Cells and Clubs are constituted as under:

**A. *Career Counselling, Training and Placement Cell***

The cell conducts special sessions for-

- a. Career Path Identification
- b. Career Counselling
- c. Soft skill development
- d. ICT Skills
- e. Language and Communication skills
- f. Comprehensive analysis
- g. Social skills
- h. Values and ethics
- i. General Orientation

**B. *National Service Scheme (NSS) and Youth Red Cross (YRC)***

These units are working in the University for the well being of the students. They are periodically organising the activities as under:





**Table: 1**

**Activities of National Service Scheme**

<b>Date</b>	<b>Activities of National Service Scheme</b>
<b>20<sup>th</sup> to 26<sup>th</sup> September 2014</b>	<b>STATE LEVEL N.S.S. TRAINING CAMP</b> 4 Volunteers participated in State Level N.S.S. Training Camp at Haryana Agriculture University Hisar (Haryana). Team performed well in all the activities like skit, singing, rally etc. during the camp of camp.
<b>24<sup>th</sup> September, 2014</b>	<b>NSS DAY CELEBRATION</b> NSS Unit of CUH celebrated the N.S.S. Day at Prof M.C. Sharma Auditorium , Central University of Haryana and invited lecture of Dr. R.N. Yadav, Principal, Janta College Dadri was organized on the theme “ <b>N.S.S. and Youth</b> ”.
<b>29<sup>th</sup> September, 2014</b>	<b>SWACHH BHARAT ABHIYAN</b> Declamation contest (Neha, Sheetal Das adjudged first and second respectively) and slogan Writing (Neha, Mona, Ramakant adjudged first ,second and third respectively) competitions were organized on various topics like sanitation, public hygiene, waste management & related issues under the theme of <b>Swachh Bharat</b>
<b>30<sup>th</sup> September, 2014</b>	<b>SANITATION AWARENESS</b> Sanitation drive & sanitation awareness rally at adopted Village Jant was organized by University fraternity with the involvement of villagers. Through a successful rally and nukud natak University tried to spread the message of sanitation and health among the villagers. <b>SPECIAL LECTURE</b> In afternoon session special lecture by Dr. Pankaj Mishra, University of Delhi on “ <b>Role of Youth in Swachh Bharat Abhiyan</b> ” was organized.

<p><b>2<sup>nd</sup> October, 2014</b></p>	<p><b>LAUNCHING OF SWACHH BHARAT ABHIYAN</b></p> <p>NSS and YRC units of CUH Launched the “Swachh Bharat Abhiyan” at University with great enthusiasm.</p>
<p><b>31<sup>st</sup> October , 2014</b></p>	<p><b>CELEBRATION OF NATIONAL INTEGRATION DAY</b></p> <p>‘Run for unity’ was organized by University fraternity with the involvement of local villagers on ‘Rashtriya Ekta Divas’ or <b>the National Integration Day</b>. A successful run through which University tried to spread the message of integration, brotherhood and harmony in society.</p>
<p><b>20<sup>th</sup> March,2015</b></p>	<p><b>NSS ANNUAL CAMP (20<sup>th</sup> to 26<sup>th</sup> March, 2015)</b></p> <p><b>First NSS Annual Camp</b> on the theme “<b>Healthy Youth, Healthy India</b>” was organized by NSS Unit of CUH with participation of 50 volunteers with great enthusiasm and feeling of social service through various activities. The camp was inaugurated by then Vice-Chancellor Prof. U.P Sinha with his message of service to the society with good intension. On this occasion DSW addressed volunteers about their positive roles in University and nearby villages and shared his NSS experience with volunteers. During first camp the main focus on personality development.</p>
<p><b>20<sup>th</sup> March,2015</b></p>	<p>During the camp volunteers participated in various programmes and activities with true spirit of social service. With the mission of “<b>MAKING UNIVERSITY CAMPUS AND SURROUNDING CLEAN AND GREEN</b>”. Volunteers started cleanliness drive in campus and village Jant. Gardening was done by removing weeds and digging, watering plants. Undesirable wastes were dumped at dumping zone.</p>
<p><b>21<sup>st</sup> March,2015</b></p>	<p>Volunteers also create awareness among villagers about the “<b>Swacch Bharat Abhiyan</b>” through awareness rally and Nukad Natak on the theme “<b>Swachh Gaav Abhiyaan</b>”. Awareness rally was given green signal by the V.C of CUH with the presence of many dignitaries like</p>

	Registrar, DR, DSW and many HODS' of different departments. Villagers were inspired by the practices of volunteers. Volunteers cleaned the drainage of the village. Volunteers interacted with the villagers and gave suggestion regarding cleanliness.
<b>22<sup>nd</sup> March,2015</b>	Another campaign of <b>“Green and Clean Village ”</b> at Baba Jai Ram Das Dhaam, Pali was organised in the temple campus under the supervision of head of the temple committee
<b>23<sup>rd</sup> March,2015</b>	Rally on <b>“BETI BACHAO, BETI PADHAO”</b> also organized and flagged off by then Registrar Dr. A.K. Jha. This Rally was organized to spread awareness regarding <b>“Save Girl Child”</b> in adopted village Jant. A play was also there which motivated villagers that they must send their girls (daughters) to the schools. Play was successfully played by volunteers and villager praised the play very much. Throughout the rally, volunteers gave slogans.  Working on the mantra of <b>“Sound mind in sound body”</b> volunteers participated in various games according to their groups. Volleyball, Kabaddi, Badminton, and Tug-of-war matches were also held. Volunteers filled themselves with energy and great enthusiasm.
<b>24<sup>th</sup> March,2015</b>	Some basic of March past and parade were learned by the volunteers in the morning sessions of the camp. Volunteers practiced various yoga exercises during morning sessions and learned various asanas and pranayams to protect their body from all kinds of disease.
<b>25<sup>st</sup> March,2015</b>	Some literary and other activities were also organized side by side during camp like debate, declamation, poetic recitation, patriotic songs. Quiz Competition (based on Vivekananda ideas) was held on the topic <b>“Leadership and personality development”</b> . Volunteers participated enthusiastically in the competition.
<b>26<sup>th</sup> March, 2015</b>	Camp was concluded with happy ending. In valedictory address, Major Gen. (Dr.) Ranjit Singh, Vice Chancellor, CRSU Jind motivated the volunteers for social service and service to the nation in true spirit. He motivated youths that they must be strong and healthy.

	He said that “Only a healthy mind and healthy body can lead a nation”.
<b>5<sup>TH</sup> June, 2015</b>	Tree Plantation in campus and invited Lecture by Dr. R.N Yadav, Principal Janta College, Dadri organized by NSS.
<b>21<sup>ST</sup> June, 2015</b>	Hawan and Yoga Camp in the morning session, which was followed by invited Lecture of Acharya Abhay Dev, Gurukul khanpur (Narnaul) on “ <b>Yoga and Youth</b> ”. Yoga demonstration and competition was also held in which many teams from district participated and showed their talents.
<b>1<sup>st</sup> July to 18<sup>th</sup> August, 2015(during admission)</b>	Volunteers provide the facilities of “ <b>Help Desk</b> ” to the new comers in CUH during admission.
<b>15<sup>th</sup> August, 2015</b>	Van Mahotsav was celebrated with sapling of many trees on Independence Day 2015 at CUH Campus.
<b>10<sup>th</sup> to 19<sup>th</sup> September, 2015</b>	Team of four NSS volunteers- Nikhil, Barkha, Sakshi and Shashi participated in Adventure Programme at ABVIMAS, Pong Dem (HP).
<b>24<sup>th</sup> September, 2015</b>	NSS volunteers celebrated NSS Day and participated in many events. Awareness program on Sanitation was organized by the volunteers at adopted village Malra. First session was conducted at Government Senior Secondary School Malra Bass. In first session a skit was performed by NSS volunteers on sanitation to create awareness among the students. After that a Rally was organized which was flagged off By Hon’ble Vice Chancellor Prof. R.C. Kuhad to aware the villagers of village Malra Baas and Malra Sarai.  During rally volunteers performed street – play done at the various places in both the villages to sensitize the villagers on the various sanitation.
<b>24<sup>th</sup> September 2015</b>	In the afternoon session volunteers enthusiastically participated in the lecture delivered by the guest speaker Dr. Mahender Singh on the “ <b>Role of youth in nation building</b> ”. Volunteers enjoyed programme through various cultural activities which were based on various social

	evils such as save girl child, sanitation, rape etc.
<b>15<sup>th</sup> October, 2015</b>	In the memory of Bharat Ratan Dr. A P J Kalam the first ever students' day celebrated by NSS volunteers of Central University of Haryana in the form of organising first <b><i>Blood Donation Camp</i></b> '. NSS volunteers altruistically contributed in this camp. Donation was started with the inauguration ceremony by Hon'ble Vice- Chancellor Prof. R.C. Kuhad. In this camp 134 donors donated their blood.

**Table: 2**

**Activities of Youth Red Cross**

<b>10<sup>th</sup> to 15<sup>th</sup> September 2014</b>	<b>STATE LEVEL TRAINING CAMP (GIRLS)</b> University team participated in State Level Youth Red Cross Training Camp at Haridwar. Ten students (Sumit ,Jyoti, Nirmla, Poonam, Sunita, Aroma, Neeli Keerthi, Shashi Kala, Jyoti and Shivani Sharma) along with Dr. Renu Yadav (Female- Counsellor participated in State Level Youth Red Cross Training Camp at Haridwar and won many prizes in various competitions. University team judged best coordinating team in the camp.
<b>12<sup>th</sup> to 16<sup>th</sup> December 2014</b>	Volunteers of YRC, Central University of Haryana attended 5 day national level "Youth Red Cross Training - Cum Study Camp" which was jointly organized by Youth Red Cross Bharathiar University Coimbatore and Indian Red Cross Society Tamilnadu Branch. This camp was attended by four research scholars with Mrs. Arti Yadav namely Mr. Bajrang, Mr. Mohd. Irfan, Ms. Nirmla, and Ms. Manisha. Volunteers get benefited by listening knowledgeable lectures on various essential issues which were presented by dynamic, eminent and inspiring professors from different institutions and universities. Volunteers also participated in 'Swachhata Abhiyan' during the Marudhamalai temple visit on 14 <sup>th</sup> December 2014 and also participated in 5 K.M. long blood donation awareness Rally organized by Bharathiar University in Coimbatore city on 15 <sup>th</sup> December 2014.
<b>3<sup>rd</sup> to 8<sup>th</sup></b>	YRC Team (Boys) participated in State Level Training Camp at Panchkula

<b>August, 2015</b>	(Haryana). Team won many prizes- 2 <sup>nd</sup> in speech competition and 1 <sup>st</sup> in group song. <b>Sunil adjudged Best Youth award.</b>
<b>August 30<sup>th</sup> to 4<sup>th</sup> September,2015</b>	Participation of YRC Team (Girls) in State Level Training Camp at Panchkula (Haryana). They won awards: 1 <sup>st</sup> in skit and 1 <sup>2nd</sup> in solo dance and Best Cooperation award.
<b>16<sup>th</sup> to 22<sup>nd</sup> September, 2015</b>	Participation of YRC Team (Boys) in Nation Level Youth Red Cross Training Camp for Boys at Panchkula and they won awards: 1 <sup>st</sup> in quiz and 1 <sup>st</sup> in extempore speech and <b>Sunil got special Youth Award for Best Coordination.</b>

### **C. *Movie Club***

The University has also constituted a '**Movie club**' which aims to develop creative thinking in students and to entertain and inspire students to express themselves in terms of their vision and ideas for their wellbeing. This club provides a platform to the students to express, appreciate and discuss their ideas related to the theme of the movies. Movies are a contemporary, timeless and low cost medium for expression of universal values such as love, relationship and integrity and portray the social, cultural, economic and psychological aspects of the lives of people, which can be appreciated and also provides learning. The movie club functions with the purpose to nourish the body, mind and soul of students.

The following movies were screened by the Movie Club from January, 2015 to April, 2015:

- i. *Mother India*
- ii. *Jaane Bhi Do Yaaro*

### **D. '*Book Reading Club*'**

This club provides a platform to the students and faculty to organize book-review and book-reading sessions on the latest publications and relevant books. The book reading club helps to share, debate and question multidisciplinary perspectives of a text which stimulates the intellectual growth. This club also reinforces the reading habit and provide platform to present case-studies and to share the new researches.



Since its inception, the **Book Reading Club** of the University has organised many book-reading sessions inviting initiators and discussants from different disciplines and from amongst the faculty as well as the students. The books read, reviewed and discussed in different sessions include the following:

- i. *First Book Reading Session on Pratibha Ray's Yajnaseni: The Story of Draupadi*, Rupa & Co., Delhi, 1995. (Oct. 17, 2011)
- ii. *The Story of English in India* by N. Krishnaswamy and Lalitha Krishnaswamy (Nov. 2, 2011);
- iii. *Post Colonial Ecocriticism* by Graham Huggan and Helen Tiffin (Nov. 9, 2011);
- iv. *Language and Politics in India* edited by Asha Sarangi (March 19, 2012);
- v. *Beautiful Country: Stories from another India* by Saida Hameed and Gunjan Veda (Oct. 11, 2012);
- vi. *The Argumentative Indian* by Amartya Sen (Oct. 20, 2012);
- vii. *The Palace of Illusions* by Chitra Banerjee Divakaruni (Nov. 5, 2012);
- viii. *Digital India* by Pradip Ninan Thomas (Nov. 8, 2012);
- ix. *Surajmukhi Andhere Ke* by Krishana Sobti (April 15, 2013).

#### ***E. Quality Management Cell for Skills and Proficiency Building and Opportunity Creation***

The Cell assesses and reviews the structure of the modules for soft-skills and proficiency building and recommends the necessary revisions, amendments and restructuring in the contents and teaching–learning methodology techniques. This cell oversees the activities of the specialized units/cell established in the University to ensure Skill Development, Opportunity Creation and Placement. It also makes recommendations regarding the capsule sessions for the Skill Development and Placement Cell.

#### **5.1.4. Does the University publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included /provided to students through these documents? Is there a provision for online access?**

Yes, the University annually publishes its '**Information Brochure**'. Moreover, for the wider dissemination of information to the students and other stakeholders the 'Information

Brochure' is also available online on the official website of the University. It provides information to the students on various aspects like:

- The Courses/Programmes offered by the University
- Admission schedule, procedure for submission of applications for admission, syllabi and pattern of entrance examination, eligibility criteria, fee structure, weightage
- The intake of students in various Courses/Programmes
- The names and profile of Faculty members
- Scholarship schemes
- Hostel facility
- Other information relevant for the students

**5.1.5. Specify the type and number of University scholarships/freeships given to the students during the last four years. Was financial aid given to them on time? Give details (in a tabular form) for the following categories: UG/PG/M.Phil/Ph.D./Diploma/others (please specify).**

Yes, the University provides financial aid and scholarships to the students under different schemes.

**Table: 3**

**University Scholarships Non-NET**

<b>Session</b>	<b>M.Phil (No. of Students)</b>	<b>Ph.D (No. of Students)</b>	<b>Amount Spent (lakhs)</b>
<b>2012-13</b>	48	16	30,11,184
<b>2013-14</b>	48	16	15,40,402
<b>2014-15</b>	34	19	28,83,188
<b>2015-16</b>	27	-	8,50,220
<b>Total</b>	157	51	82,84,994

**Table: 4**  
**Freeships/Earn While You Learn Scheme**

<b>Session</b>	<b>P.G. Students</b>	<b>Amount spent (lakhs)</b>
<b>2013-14</b>	15	3,16,650
<b>2014-15</b>	22	1,06,500
<b>Total</b>	--	4,23,150

**5.1.6. What percentage of students receive financial assistance from state government, central government and other national agencies (Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)?**

The students of the University receive financial assistance in the form of scholarships/fellowships from the various agencies of the Government of India and the State Government.

**Table: 5**  
**Post-Matric**

<b>Category</b>	<b>2014-15</b>	<b>2015-16</b>
SC	23	Scholarship/Fellowship yet to be awarded
OBC	42	Scholarship/Fellowship yet to be awarded
BC	3	Scholarship/Fellowship yet to be awarded

**Table: 6**  
**Promotion of Science Education POSE Scholarship Scheme (Pose)**

	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>
<b>Pose</b>	4	4	30

**Table: 7**

**State/Minority Scholarship**

	<b>2015-16</b>
<b>UP</b>	17
<b>Minority</b>	38

**Table: 8**

**Ambedkar Medhavi Chatra Sanshodhit Yojana**

<b>Year</b>	<b>Count</b>
2014-15	40

The University is also launching Merit cum Means Scholarship for Meritorious Students from the current academic session.

**5.1.7. Does the University have an International Student Cell to attract foreign students and cater to their needs?**

The University is in the process of establishing an '*International Student Cell*' to attract foreign students and to cater to their needs.

**5.1.8. What types of support services are available for -**

- **Overseas students**
- **Physically challenged / differently-abled students**
- **SC/ST, OBC and economically weaker sections**
- **Students participating in various competitions/conferences in India and abroad**
- **Health centre, health insurance etc.**
- **Skill development (spoken English, computer literacy, etc.)**
- **Performance enhancement for slow learners**
- **Exposure of students to other institutions of higher learning/corporate/business houses, etc.**

- **Publication of student magazines**

- **Overseas students**

University is in process of constituting an Overseas Students Cell to devise the mechanism to attract and retain the overseas students in the next academic session.

- **Physically challenged/differently-abled students**

A special Cell for Person with disabilities has been created in year 2013. The aim of creating this cell is to facilitate equal opportunities, ensure protection of their rights and create congenial environment for their full participation. The cell formulates and monitors special policies, guidelines, and schemes to ensure enjoyment of equal opportunities for the differently-abled students in all the walks of campus life. The cell endeavours to sensitize the University community to respect and cooperate with the differently-abled persons. The cell undertakes programmes to enhance the physical, emotional, mental, technical capabilities of the differently abled person to meet the present and future challenges of their life. The University took appropriate steps to ensure safe, healthy and barrier free environment in hostels, libraries, academic buildings, administrative buildings, roads, pedestrian ways, canteens, gardens, shopping complex and other public places and utilities. University also monitor the implementation of guidelines for conducting written examination for differently-abled persons framed by the Ministry of Social Justice and Empowerment, Department of Disabilities Affairs such as reservation of seats during admission and scholarships, economic assistance for the differently-abled students. The activities of 'Cell for Persons with Disabilities (PWDs)' celebrated ***"International Day for the Differently-Abled Persons" on 03.12.2014.***

- **SC/ST, OBC and economically weaker sections**

The SC/ST Cell is constituted in the University to cater the needs of students from SC and ST in year 2014. The Mandate of SC/ST Cell is to ensure, protect and promote the interest of persons belonging to SC and ST Category.

The various activities organized by SC/ST Cell are as follow:

- a. Event on the occasion to celebrate the birth anniversary of Dr. B.R. Ambedkar on 13<sup>th</sup> April, 2015 on '**Role of Caste in the Changing Political-Economic Landscape of**

**India**'. Prof. Surajit Mazumdar, CESP/School of Social Sciences JNU, New Delhi was the key speaker.

- b. Public Discussion on International Workers Day (May Day) on 1st May, 2015 on “**Globalisation and Liberalisation: Impact on Labour and Labour Movement in India**”.

- **Students participating in various competitions/conferences in India and abroad:**

All the departments/Cells promote student participation in various competitions and conferences. University provides all support (financial and transportation) for the students participating in the competitions outside the University at different levels.

- **Health centre, health insurance etc.:**

Establishing a Health Centre is the priority agenda of the University and it is among the top priorities of the University for the proposed initiatives of the XII Five-Year Plan and by the time University gets its full-fledged Health Centre, University is running a 24X7 First-Aid Centre where trained Nurses are deployed for preliminary advice and first aid. University provides Group Health and Accidental Insurance to all the enrolled students at a nominal contribution of Rs. 200/- per annum.

- **Skill development (spoken English, computer literacy, etc.):**

Special sessions are being conducted by Career Counselling, Training and Placement Cell with the help of Department of English, Hindi and Computer Science.

- **Performance enhancement for slow learners:**

Extra Classes are run by the individual departments to enhance the learning capacity of slow learners.

- **Exposure of students to other institutions of higher learning/Corporate/business houses, etc.**

Students get exposed to other institutions of higher learning with the support provided by the University in their participation in National/State-level events. Youth Red Cross Unit of the University has sent many delegations to different Universities/destinations where the University students get ample opportunity to interact with the students and faculty from the institutions of higher learning. University conducts special and extension

lectures by the experts from institutions of higher learning/Corporate/business houses at regular intervals to give an opportunity to the students to have an interface with their expertise and experience.

- **Publication of student magazines/newsletters:**

Department of Official Languages (Rajbhasha) has collected the creative/critical writings of the students and the same shall be published very soon.

Literary Club, a Student-Centric organ of the Department of English and Foreign Languages also comes out with the Departmental Newsletter.

So far, University has published two issues of University Newsletter (a mouthpiece of Central University of Haryana). University published the well-researched articles of the researchers who presented their papers in the National Seminar “Inclusive Democracy: People, Power and Progress” at Central University of Haryana, Narnaul (May 30-31, 2012) in a special volume titled *Research Scholars’ Musings*.

**5.1.9. Does the University provide guidance and/or conduct coaching classes for Students appearing for Civil Services, Defense Services, NET/SET and any other competitive examinations? If yes, what is the outcome?**

Yes, the University provide guidance and conduct coaching classes for Students appearing for Civil Services, Defense Services, NET/SET and any other competitive examinations. The fresh schedule circulated by the Career Counselling, Training and Placement Cell on 29<sup>th</sup> Sept. 2015 is as under:

**I. Schedule and Time Table for Skill Development Classes:**

Venue: Smart Class Room, Academic Block, Ground Floor				
Monday	Tuesday	Wednesday	Thursday	Friday
4:00 to 5:00 pm	4:00 to 5:00 pm	4:00 to 5:00 pm	4:00 to 5:00 pm	4:00 to 5:00 pm
Language & Communication Skills	Personality Development Program (PDP) Classes	Basic Computer Skills	Values and Ethics	Social Skills



## II. Schedule and Time Table for UGC-NET classes (Paper-I only)

Venue: Smart Class Room, Academic Block, Ground Floor				
Monday	Tuesday	Wednesday	Thursday	Friday
9:00 to 10:00 am	9:00 to 10:00 am	9:00 to 10:00 am	9:00 to 10:00 am	9:00 to 10:00 am
Comprehension Analysis	Reasoning/QA/D I	General Awareness	Divergent Thinking	Teaching/Resear ch Aptitude

All the Counselors have been requested to make schedule for Paper-II and III in consultation with the respective Head of Departments.

### 5.1.10. Mention the policies of the University for enhancing student participation in sports and extracurricular activities through strategies / schemes such as

- **additional academic support and academic flexibility in examinations**
- **special dietary requirements, sports uniform and materials**
- **any other (please specify)**
  - **Additional academic support and academic flexibility in examinations:** University is planning to have its Ordinance for the provision of academic support and flexibility in examinations for the students participating in sports activities.
  - **Special dietary requirements, sports uniform and materials:** University provides the refreshment to the sports persons as per the norms of the University. Sports Uniform/Kit is provided to the sports persons participating in the event at State/National-Level.
  - **Any other (please specify):** University proposes to announce certain awards/recognitions and felicitations to the distinguished sports persons of the University who bring laurels to the University at various levels.

**5.1.11. Does the University have an institutionalized mechanism for students' placement? What are the services provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?**

Yes, with the aim of ensuring the quality education and getting students placed in reputed organizations/institutes/NGOs, the University with its focus on the multidisciplinary approach strives hard for the development of overall personality of the students. With the objective to equip the students with all kind of employability skills so that they can be absorbed in the global job-market, a *Career Counseling, Training and Placement Cell* has been constituted in the University.

The cell aims to facilitate students in the matter of job and employment opportunities as well as to add value in the employable skills and knowledge which can be imparted to the students as per the requirement of the ongoing programs in the University. In tune with the aforesaid objectives University is running UGC-NET classes for the PG/M.Phil/Ph.D. students and special classes for various other competitive examinations like Staff Selection Board (SSB) and other competitive examinations.

The cell organizes the special classes/lectures of experts in every semester for the personality development of the students. To add value in the employable skills and knowledge Career Counseling, Training and Placement Cell in 2014-15 organised following activities:-

- a. Personality development classes were conducted during the last semester with the focus on Communication skills, Personality development, Computer skills, Values and Ethics, Social skills, etc.
- b. Special classes for the SSB aspirants were conducted on 2<sup>nd</sup>-3<sup>rd</sup> Dec 2014 by Col Kataria for which 45 students registered themselves and 20 attended. Mentoring by Col Kataria had a great impact on students. That's why there is growing demand from the students to conduct such sessions regularly.
- c. Ad-Mad show was conducted in the month of November 2014 by the Department of Management Studies to groom the management students to deal efficiently with the given situations in the business environment. This helps them to realize the actual market situations. The hidden objective behind this activity was to expose the students to the concept of stage management and hence addressing issue of stage fear. Additionally the activity also helped the students in grooming and developing their analytical skills.

- d. A '*Business Quiz*' was also organized in the month of November 2014 by the Department of Management Studies to train and acquaint the students of Management and Commerce with the different business terminology being used in business operations.
- e. A special '*Resume Development Program*' is going on in various departments so that the students can showcase their knowledge, skills and talent to the job market through curriculum vitae.
- f. Mock interviews are also being conducted from time to time to train the students for facing the various interview boards for their final placements.
- g. The students of MBA were taken for industrial visit to Hero Moto Corps, Dharuhera and Medica Men Bio Medical Company, Bhiwadi to acquaint and expose them to the real corporate functioning in various areas of the business so that it will be helpful for them when they really go and join the corporate world.
- h. The students of MBA participated and won first prize in the national level Case Folio competition at GIBS (Gitaratan Institute of Business Studies) Delhi where participants from nearly 14 Universities and Institutes participated.
- i. An educational trip to Suraj Kund Mela at Faridabad was organized on 7-8 Feb 2015 for better understanding and knowledge about multiculturalism of the nation and art, culture and heritage of the various states of India.
- j. The cell has taken initiative to identify and engage various governmental and non-governmental organization for the training and placement of the students of various disciplines. In this context a MoU has already been signed with Center for Social Research, New Delhi. The talks are in the final stage with NSIC (National Small Industries Corporation) New Delhi to associate and sign an MOU to train the students of CUH either at NSIC campus or CUH campus, wherever applicable, in the areas like: Entrepreneurship development, Software development, Mobile repairing and plan is also being discussed to open an incubation center at the campus of CUH.
- k. The cell is planning to start the classes of GD (group discussion) and PD (post dinner) talks on issues of contemporary nature in the hostel premises providing the students with an opportunity to express themselves in an open environment enabling them to improve their communication skills.

**5.1.12. Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).**

University has initiated the process of maintaining linkages with industries for Placement, Training and Internship. University has recently communicated with following potential experts from Industry & Corporate Sector and these companies communicated and visited the University.

The following companies have visited the University recently:

1. Mr. Vinay Kaushik, Vice President – Human Resource Division Cell, Samsung Engineering India Limited, Noida
2. Mr. Manjit Singh Gill, Corporate Chef, ITC Welcome Group Hotels Division, Gurgaon.
3. Mr. Vikram Singh, Associate Vice President and Head, IT, Airtel, Gurgaon
4. Dr. R.K. Garg, Director, Technology Application Services (TAS), New Delhi
5. Dr. Gautam Ghosh, Vice President, Panacea Biotech Ltd. New Delhi
6. Dr. Anup Kalra, Director, Ayurved Pvt. Limited, New Delhi.
7. Mr. Shiv Kaushik, President, SVI Analytica, New Delhi.
8. Dr. Ashok Sonsukera, R&D Head, Reliance Life Sciences, Navi Mumbai
9. Mr. Deepak Kumar, Vice President, Application Services, Sify Technologies Ltd. Noida, UP
10. Mr. Ajay Arora, Business Head, Hindustan, HT Media Group, UP (West) and Uttarakhand.

**Besides, the Industries where students undertook summer training include the following:**

- Daikin India Ltd., Nimraana, Rajasthan
- Bharti Airtel Ltd., Sec. 18, Jil Tower, 2nd Floor, Plot No. 18, Gurgaon
- Videocon Industries Ltd, Udyog Vihar, Gurgaon
- U B Group, Chopkani, Alwar
- Lifestyle Retail, New Delhi
- Amtek India Ltd., RIICO Industrial Area, Bhiwadi, Distt. Alwar, Rajasthan
- Shiv Engineering Industries, Kapriwas (Dharuhera), Distt. Rewari, Haryana
- B L Lifesciences Pvt. Ltd., A 245 Okhla Industrial Area, Phase 1, New Delhi 110020

- Pricol Ltd., Plant No. 2, Plot no. 34 & 35, Sec 4, IMT Manesar, Gurgaon 122050, India
- Anand Rathi Share & Stock Broker Ltd. , Subhas Marg, C-Scheme, JAIPUR
- Pantaloon India Ltd, Delhi
- Shree Cement, Dharuheda
- Sandhar Components Ltd, Gurgaon
- NTS Ltd, Gurgaon

**The students of our University has been placed in the following organisations:**

1. ICICI Prudential Ltd, Delhi
2. Daikin Air-conditioning
3. IACM South Extension, Delhi
4. APPCO Group, Delhi
5. Muthoot Finance
6. Nippon Steel, Neemrana
7. Union Bank of India
8. Nisshinbo Mechatronics India Pvt Ltd, Manesar
9. Halla Visteon Climate Systems India Pvt Ltd, Bhiwadi
10. Adani Logistics

**Table: 9****Student placements**

Sr. No.	Name	Designation	Organization
1	Suyash Mishra	Assistant Professor	Institute of Management, Noida
2	Prashant Kaushaliya	Bank PO	Union Bank of India
3	Hukam Singh	Executive	Nippon Steel, Neemrana
4	HitLal Agarwal	Finance Executive	Nisshinbo Mechatronics India Pvt Ltd, Manesar
5	Naveen Kumar	Finance Executive	Halla Visteon Climate Systems India Pvt Ltd, Bhiwadi
6	Pritam Singh	Assistant Professor	RPS group of Institute, Balana, Mahendergarh
7	Surbhi Bhargava	Finance Executive	Viva Financials
8	Surender	Executive	OMAXE Ltd
9	Sandeep	Executive	Adani Logistics
10	Jagpravesh	Cluster Head	HDFC Ergo

**5.1.13. Does the University have a registered Alumni Association? If yes, what are its activities and contributions to the development of the University?**

The departments and Cells/Clubs have already started the process of maintaining the data of alumni and some of the departments and cells have ensured the participation of alumni for necessary inputs and support. The first Alumni meet shall be conducted in the last week of Oct. 2015 for which necessary preparations are underway.

**5.1.14. Does the University have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?**

Yes, The University has a 'Student Grievances Redressal Cell' constituted in year---. The grievances submitted by the students are being redressed promptly and presently there is no grievance pending with the Cell.

**5.1.15. Does the University promote a gender-sensitive environment by (i) conducting gender related programmes (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.**

Yes, the University has a well constituted '*Internal Complaints Committee*' (ICC) with one senior Woman faculty with 8 members for Prevention, Prohibition and Redressal of Sexual Harassment of Women at workplace. At present the `ICC has one registered case.

**5.1.16. Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?**

Yes, ragging in the University campus is strictly prohibited. Anyone indulging in ragging is appropriately punished. The punishments may include expulsion or suspension from the University or hostel, fine, public apology, withdrawal of scholarships etc. In order to curb the menace of ragging an '*Anti-Ragging Committee*' is constituted in the University under the senior faculty member along other members. By pasting notices, banners, flags, posters etc. at prominent places in the University, a wide publicity is given to the anti-ragging mandate in the University. No complaint of ragging in the University campus has been reported during the last four years.

**5.1.17. How does the University elicit the cooperation of all its stakeholders to ensure the overall development of its students?**

The views and suggestions of various stakeholders that emanate during the students industrial visits, experiential learning, Parents Teachers meeting etc. are considered for the development of students. Stake holders like experienced industrial executives, progressive farmers are included in the curriculum development cell, Board of studies and Faculty for contribution of vital inputs in designing the curriculum.

Stake holders and alumni are also invited for contribution of endowment funds that offer scope for special lecture, prizes etc. They are also offered a platform for campus recruitment.



**5.1.18. How does the University elicit the cooperation of all its stakeholders to ensure the overall development of its students?**

The students, the teachers, the non-teaching staff & the administrative authorities are the four pillars of the University. Out of these, the students are the focal point because the existence of rest of the three depends upon the very existence of the students only. Therefore, the University takes utmost care of its students by motivating the teachers and non-teaching staff to work for the overall betterment of the students. The Hon'ble Vice-Chancellor and the Worthy Registrar of the University interact with the students to motivate them and redress their grievances.

**5.1.19. How does the University ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.**

The University fraternity is highly motivated to encourage the women students to participate in various sports and cultural activities. This is also reflected by the large-scale participation of the women students of the University in different Sports activities and social initiatives like NSS, YRC and other campaigns that the University runs from time to time. In order to spread awareness regarding "Save the Girl Child, Educate the Girl Child" in the surrounding villages, a rally on the theme "*BETI BACHAO, BETI PADHAO*" was also organized by the University. This Rally succeeded to motivate the villagers that they must send their girls (daughters) to the schools.

**5.2. STUDENT PROGRESSION**

**5.2.1. What is the student strength of the University for the current academic year? Analyse the Programme-wise data and provide the trends for the last four years.**

**Table: 10**

**Year wise student detail**

<b>Year</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
2009-10	16	16	32
2010-11	39	33	72

2011-12	48	51	99
2012-13	47	50	97
2013-14	49	53	102
2014-15	193	295	488
2015-16	263	308	571

**5.2.2. What is the programme-wise completion rate during the time span stipulated by the University?**

**Table: 11**

<b>Programme</b>	<b>Duration of Programme</b>	<b>Admitted</b>	<b>Pass-out</b>	<b>%</b>
LL.M.	Two Year	38	23	60.53
M.B.A.	Two Year	58	45	77.59
M.Com	Two Year	24	23	95.83
M.A. Economics	Two Year	23	20	86.96
M.A. Education	Two Year	32	25	78.13
M.Sc. Chem.	Two Year	9	7	77.78
M.Sc. Phy.	Two Year	10	9	90.00
M.Sc. Stat.	Two Year	4	4	100.00
M.Phil. Economics	One Year	36	25	69.44
M.Phil. Education	One Year	8	Nil	0.00
M.Phil. English	One Year	42	22	52.38
M.Phil Hindi	One Year	29	17	58.62
M.Phil. Pol. Sc.	One Year	34	19	55.88
Ph.D. Economics	Two Year	22	2	9.09

Ph.D. English	Two Year	25	7	28.00
Ph.D. Hindi	Two Year	10	2	20.00
Ph.D. Mgt.	Two Year	10	1	10.00
Ph.D. Pol. Sc.	Two Year	21	5	23.81

**5.2.3. What is the number and percentage of students who appeared/qualified in examinations like UGC-CSIR-NET, UGCNET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.?**

The List of UGC-NET/JRF Qualified Students (JUNE-2014) is as under:

Sr. No.	Name of Student	School	Department and Year	Course/Program	NET/JRF
1	Rakesh Kumar Pandey		Hindi	M Phil	JRF-NET
2	Abhishek Vikram		Hindi	M Phil	NET
3	Sohan Lal		Pol Science	PhD	NET
4	Maheshwar		Management	MBA	NET
5	Rekha Garg		English	PhD	NET
6	Mukesh Yadav		English	PhD	JRF
7	Poonam		English	PhD	NET
8	Tarun		Economics	PhD	NET
9	Poonam		Education	MA	NET
10	Anju		Education	M Phil	NET
11	Ajay		Education	PhD	NET

12	Ashok		Education	PhD	NET
13	Rama. K. Krishna		Management	MBA	JRF-NET
14	Sarita		Management	PhD	JRF-NET

**5.2.4. Provide category-wise details regarding the number of Ph.D./D.Litt./D.Sc. theses submitted/ accepted/ resubmitted/rejected in the last four years.**

The category-wise details regarding the number of Ph.D./D.Litt./D.Sc. theses submitted/ accepted/ resubmitted/rejected in the last four years is as under:

<b>Programme</b>	<b>Submitted</b>	<b>Accepted</b>	<b>Resubmitted</b>	<b>Rejected</b>
Ph.D. Economics	2	2	Nil	Nil
Ph.D. English	7	7	Nil	Nil
Ph.D. Pol. Sc.	5	5	Nil	Nil
Ph.D. Hindi	2	2	Nil	Nil
Ph.D. Mgt.	1	1	Nil	Nil

**5.3. STUDENT PARTICIPATION AND ACTIVITIES**

**5.3.1. List the range of sports, cultural and extracurricular activities available to students. Furnish the programme calendar and provide details of students' participation.**

Adequate Sports Infrastructure is available in the University. The Outdoor/Indoor Grounds are presently available for the Games like –

- a. Badminton,
- b. Cricket,
- c. Football,
- d. Hockey,
- e. Volleyball,

- f. Kho-Kho,
- g. Kabaddi,
- h. Racing Tracks,
- i. Chess,
- j. Table-Tennis,
- k. Yoga,
- l. Gymnasium (Boys and Girls separately).

The Sports Infrastructure/Facilities which are proposed to be developed in the University on the basis of International parameters are as under:

- a. Construction of Sports Stadium having the sitting capacity of 800 with Football Ground- 01, Hockey Ground- 01, and Cricket Ground- 01
- b. Construction of Lawn Tennis Courts- 02
- c. Basket Ball Court- 01
- d. Multi-purpose Gymnasium Hall with sitting capacity of 600
- e. Construction of Olympic Standard Swimming Pool

**5.3.2. Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.**

- a. Participation of YRC Team (Boys) in State Level Training Camp at Panchkula (Haryana) from August 3<sup>rd</sup> to 8<sup>th</sup>, 2015 and won awards of Best Youth, 2<sup>nd</sup> in Speech Competition and 1<sup>st</sup> in Group Song.
- b. State Level Training Camp: Participation of YRC Team (Girls) in State Level Training Camp at Panchkula (Haryana) from August 30<sup>th</sup> to 4<sup>th</sup> September, 2015 and won awards: 1<sup>st</sup> in Skit and 2<sup>nd</sup> in Solo Dance and Best Cooperation award.
- c. Adventure Programme: Participation of NSS Team (Boy & Girls) One Boy and Three Girls in Adventure Programme at ABVIMAS, Pong Dam (Himachal Pradesh) from 10<sup>th</sup> September to 19<sup>th</sup> September, 2015.
- d. National Level Youth Red Cross Training Camp: Participation of YRC Team (Boys) in National Level Youth Red Cross Training Camp for Boys at Panchkula (16<sup>th</sup> September

to 22<sup>nd</sup> September, 2015) and won awards: 1<sup>st</sup> in Quiz, 1<sup>st</sup> in Extempore Speech and Special Youth award for Best Cooperation to our volunteer Sunil from Environmental Science Department.

- e. Participation of Student Representative, Mr. Ghulam Mohd. Khan in the Delegation of Students from Central Universities to visit Parliament of India. (Session 2014-15)
- f. Participation of Student Representative in Interaction with Minister of Human Resources Development: Mr. Vikas, Department of Psychology was selected to be the Student Representative from CUH for Interaction with Minister of Human Resource Development on 16<sup>th</sup> Sept. 2015.

**5.3.3. Does the University have a mechanism to gather data and feedback from its graduates and employers and use them for the growth and development of the institution?**

The University has compiled the data of potential alumni from each department and some of the departments/Cells have included the alumni for their constant feedback and support towards growth and development of the institution. Alumni feedback form has already been devised and the comprehensive details are being gathered as a continuous process.

**5.3.4. Does the University conduct special drives / campaigns for its faculty and students to promote heritage consciousness?**

To promote heritage consciousness among students, faculty and community, University organized a month-long campaign titled *Journey for Change* from Jan. 28- Feb. 7, 2013 featuring Colloquium on “Value Education: Imperative for Change” and a play “Gyan Purnima ki Aur” at MLS DAV Public School, Narnaul (January 28, 2013), Holy Child Public School, Rewari (January 29, 2013), Government College, Ateli (Mahendergarh) (Jan. 30, 2013), GGS IP University, New Delhi (February 1, 2013), Jhajjar, Haryana (February 4, 2013), and Youth Pavilion, Delhi World Book Fair (February 7, 2013).

The Group for the Promotion of Art, Culture and Heritage of the University conducts various events to promote cultural and heritage consciousness. The events conducted by the Group include the following:

- a) The group hired the services of a music instructor from November, 2014 to March, 2015 to train the students in playing guitar and singing
- b) The group celebrated Foundation Day on 24<sup>th</sup> February, 2015

- c) Organized the orientation programmes at the commencement of the session 2014-15 and 2015-16 on 8<sup>th</sup> August, 2014 and 3<sup>rd</sup> August, 2015
- d) Organized Cultural evenings on various occasions like Hindi Pakhwada-2014, Convocation Day – 1<sup>st</sup> March, 2014, Orientation Day – 8<sup>th</sup> August 2014, and Foundation Day- 24<sup>th</sup> February, 2015.
- e) Organized symposium on 24<sup>th</sup> November 2014
- f) Organized Extempore competition on 8<sup>th</sup> September, 2015.
- g) Organized Musical Instruments (Sarod and Tabla) Performance of SPIC MACAY artists on 9<sup>th</sup> October, 2015.

The Group for the Promotion of Arts, Culture and Heritage was constituted with the vision to develop wholesome personality of learners. Its mission is to provide a platform to students for developing artistic and creative expression through a variety of outlets: formal theatrical performances, dance, music, festival celebrations, cultural exchange programmes and visit to places of national importance.

This group recognizes the comprehensive role of art as an expression of the cultural values of a society and works towards preserving these expressions for the benefit of future generations.

The following activities were conducted by the Group for the Promotion of Arts, Culture and Heritage from January 2014 to August 2015:

- a. The group hired the services of a music instructor from November, 2014 to March, 2015 to train the students in playing guitar and singing.
- b. The group celebrated Foundation Day on 24<sup>th</sup> February, 2015.
- c. Organized orientation programmes
- d. Organized Cultural evenings
- e. Organized symposium
- f. Organized Extempore competition

**5.3.5. How does the University involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/materials brought out by the students during the last four academic sessions.**



The various Departments of the University have initiated the process of constituting the departmental clubs and the departmental newsletters/magazines are being published by the student members of these clubs to encourage students to publish materials like wall magazine and college magazine.

**5.3.6. Does the University have a Student Council or any other similar body? Give details on its constitution, activities and funding.**

Yes, as provisions of the Central Universities Act, 2009 University has the provision of a Students Council consisting of forty student representatives (twenty to be elected and twenty to be nominated). The Dean Students Welfare is the Chairperson of the Council and he convenes minimum two meetings of the Council in a year i.e., one at the beginning of the session and one in the even semester. The student representatives have been elected/nominated for the constitution of the Students Council for the current Academic Session.

**5.3.7. Give details of various academic and administrative bodies that have student representatives on them. Also provide details of their activities.**

The following are the various academic and administrative bodies which have student representatives on them:

- a. **Academic Council:** Two student representatives to be nominated by the Vice Chancellor on merit basis—one from among the research scholars and the other from the postgraduate students from the various schools/departments of the University on rotation basis (the student member shall not be allowed to participate in discussions in respect of matters relating to examinations, selection committees, appointments and conditions of the service of the teaching staff)
- b. **Hostel Mess Committee:** Five student representatives to be nominated by the Warden/Provost
- c. **Mess Secretary:** The mess secretary shall be nominated by the Provost/Proctor from among one of the five members of the mess committee by rotation.
- d. **Internal Complaint committee:** Two students of the University are nominated members of the ICC and they attend the meetings of ICC which are held at periodical intervals.

## **CRITERION VI**

# **GOVERNANCE, LEADERSHIP AND MANAGEMENT**

## **CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 Institutional Vision and Leadership**

#### **6.1.1 State the vision and the mission of the University?**

**Vision:**

To develop enlightened citizenship for a knowledge society for peace and prosperity of individuals, nation and the larger world through promotion of innovation, creative endeavours and scholarly inquiry.

**Mission:**

The Mission of the University is as follows:

- To provide learning environment for the growth and development of students and faculty, the University System will contribute to the educational, cultural, economic, and social advancement of India by providing quality education through innovative programmes; by pursuing leading-edge research, scholarly inquiry, and creative endeavors. The University will strive to create a learning ambience with diverse cultural backgrounds and enhance students' acquisition of useful knowledge, communicative skills and analytical abilities through innovative teaching and a holistic learning environment.
- To facilitate cutting edge research in traditional disciplines and new/emerging areas at the frontiers of knowledge.
- To focus on relevance and quality in each area/discipline.
- To be a global brand in education and research sectors.
- To provide international linkages for contextual and cultural learning for both faculty and students.
- To involve various stakeholders including Government, Industry, Community, etc. in providing relevant and quality education and learning environment on campus.
- To constantly review and update the curriculum to include new knowledge and society focus.
- Partnership with national and international institutions.
- Interdisciplinary approach in academic and research areas.
- To create and maintain highest level of integrity, ethics and values on campus and ensure zero tolerance for lack of these core constituents.

- To progressively expand the current academic and research areas into their diversified focus and implementation in phases.
- To encourage creativity and innovation in every discipline

**6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?**

Yes, the mission statement, which focuses on excellence, ideas and knowledge defines University's distinctive characteristics. The University stands for excellence in all its endeavours, the most significant of which is to serve society in general and students in particular. In an interconnected world facing unprecedented environmental and social challenges, society demands that educational institutions provide a significant net positive return for society at large, not just for its own fraternity. Our mission statement reflects our desire to fulfil this implicit agenda. Realizing the mission to serve the neighboring community, University has adopted six neighboring villages—Jant, Pali, Dholi, Malra, Bhurjat and Lavan. The University is tirelessly working for the holistic development of the surrounding localities. To bring the quality education to the doorsteps of the villagers, free remedial classes are organized in the University Campus by our research scholars for the school going students of the villages. University provides necessary educational facilities (including consultation, counseling and special sessions for the students) to the adopted schools. Some major social outreach initiatives taken by various centres, cells and clubs such as Centre for Community Development and *Unnat Bharat Abhiyan* include legal literacy camp for the villagers; AADHAR Card camp for the villagers; renovation of building of the neighboring government schools; legal awareness survey; gender sensitization and awareness programmes for health, hygiene and sanitation in the villages.

The cross fertilization of ideas adds value for academics and facilitates University-Community interface. The University, through its Centre for Community Development focuses on social, environmental and related issues of the community. The cross-fertilisation is also evident in the University's collaborations with other organizations such as National Cooperative Union of India (NCUI) and Technology Applications Service (TAS), New Delhi. The University, apart from the running courses with multi-disciplinary approach, has adopted engaging teaching pedagogy and provides exciting environment for research.

The University is committed to the Digital India cause for digital empowerment of students and faculty. The University provides free online access to more than eight thousand reputed journals through INFLIBNET and other facilities including—24 hrs. power backup, Wi-Fi-enabled campus with the speed of 1Gbps, e-labs with research software, well-equipped Science labs, large number of text books, reference books (20,866) and print resources in University Library to promote cause of Science education amongst the students and neighbouring society.

The University encourages DST Inspire fellows to join the departments of sciences.

The University's tradition, value orientation and its vision for the future are based on the belief system which promotes community and social empowerment. The University, through academia-society interface, extracts the best of ideas from all the stakeholders and sister universities to embark upon the journey of excellence. This is done through Internal Quality Assurance Cell activities. The vision of the University explicitly mentions the focus on convergence of global and local knowledge system for which the social outreach initiatives of the University are being oriented towards preservation and promotion of '*Lok Vidya*'. As the part of International Day for Girl Child celebrations on 9<sup>th</sup> Oct. 2015, University organized various programmes to promote the folk talent and artistry among the women of the adopted villages.

### **6.1.3 How is the leadership Involved:**

#### **\* In ensuring the organization's management system development, implementation and continuous improvement?**

The Vice Chancellor, Deans, Registrar, Finance Officer, Heads and other officers of the University collectively develop, implement and improve the University's management system.

The Vice-Chancellor provides overall leadership while promoting participative management in University administration. He acts as the chairperson of various statutory bodies of the University including the Executive Council, the Academic Council, Finance Committee, Building Committee, Selection Committees etc. These bodies function as the policy and decision making bodies.

The Board of Studies (BOS) and the School Board headed respectively by the Heads of the Departments and the Deans of Schools make important academic decisions which are

further submitted for consideration and approval of the Academic Council and the Executive Council. At the department level, the Heads play a leadership role in both academic and administrative matters. As Chairperson of the Department Research Committee and the Board of Studies, the Heads of the Departments play an important role in curriculum development and evaluation.

The decisions and deliberations in these bodies contribute towards excellence and overall development of the work ethics and organizational culture, and promoting the University's Vision and Mission.

Finally, the IQAC headed by the Vice Chancellor acts as a nodal agency for quality assurance, develops and applies quality benchmarks/parameters for the various academic and administrative activities of the institution, and continuously strives for overall quality improvement.

**\* In interacting with its stakeholders:**

The University has developed various mechanisms for the leadership to interact with its stakeholders, for example, meetings of University Court, Executive Council, Academic Council, Finance Committee, Students' Council; interaction with the Visitor in the Annual conference of Vice Chancellors at Rashrapati Bhawan; meetings convened by UGC/MHRD at regular intervals; interaction with the community through various programmes being initiated under Community Development and *Unnat Bharat* campaign; interface with academia through extension lectures by renowned academicians from different disciplines; conducting workshops/dialogue with the involvement of scientists, experts, resource persons from industry, corporate and Innovation Foundation of India. University leadership keenly participates in the activities of Industry Interface Cell, Alumni Association, Teachers-Parents Meet, Grievance Redressal Cell, NSS/YRC, and Centre for Community Development, *Unnat Bharat Abhiyan Cell*, and Group for the Promotion of Art, Culture & Heritage, Women Empowerment Cell, Legal Aid Clinic and Centre for Entrepreneurship, Skills and Innovations to interact with the participants from different spheres. There is a mechanism for obtaining students' feedback through the meetings of Students Council and other interactive meets.

The University leadership entertains the queries and the issues raised by the stakeholders and implements the best practices for the academic growth of the University in consultation with University authorities.

**\* In reinforcing a culture of excellence:**

The University in order to reinforce a culture of excellence encourages its faculty members to participate in national and international conferences and seminars in India and abroad. The University has signed MoUs with various agencies and institutes with an eye on excellence in specific areas. The experts from industry and academia are invited on a regular basis to interact with the students and teachers.

- The University leadership ensures using of various ICT tools to achieve excellence in teaching, learning, evaluation, research and extension activities. Focus is on making the teaching-learning process more student centric. The Research Promotion Cell works to improve research and communication capabilities of Students by organising research methodology, research report writing and communication skills workshops from time to time. Teaching faculty is actively engaged in the government sponsored initiatives such as e-pathshala and Massive Open Online Courses (MOOCs).
- The University policies for achieving excellence are further fine-tuned by the statutory bodies like the Academic Council and the Executive Council keeping in view the Vision and Mission of the University. The other steps initiated by the University leadership towards reinforcing a culture of excellence are as follows:

**i. Establishment of Centre for Entrepreneurship, Skills and Innovations that has performed following functions:**

- Students and faculty of the University took the initiative to make the Best out of Waste.
- Student innovator, Mr. Sunil, M.Sc., Environmental Science, designed a project “Future Car-Hybrid Technology for Future” which got wide appreciation in a National Exhibition and Symposium on Innovative and Futuristic Approaches in Science and Technology (iFast) on 26-28th Feb. 2014 held at Maulana Azad NIT, Bhopal.
- Innovation Club published a booklet dedicated to the grassroots innovators and organised an exhibition based on the innovations of these innovators on the occasion of the first Convocation of the University on March 1, 2014.



- *Shodh Yatra* was organised in collaboration with National Innovation Foundation (May 22-23, 2014)
- On Environment Day (5th June 2015), University organized an exhibition on the theme “Innovations and Environment”.

**ii. The University is creating partnerships with different incubators from Industry and Academia. The following linkages have been established:**

- Technology-based Incubator (TBI), University of Delhi (South Campus), New Delhi
- Centre for Innovative and Applied Bio-processing, Mohali
- National Small Industries Corporation (NSIC), New Delhi (proposal has been initiated)
- SVI Analytica, New Delhi

**iii. The signing of MOUs:**

- University has signed an MoU with Technology Applications Service (TAS), New Delhi for conducting joint training programs, one semester project work as part of the requirement of the post-graduate course work and exploring possibilities to jointly design, develop and fabricate new and innovative products based on proven technologies.
- The Centre for Entrepreneurship, Skills and Innovations has signed an MoU with National Entrepreneurship Network (NEN).
- University has signed an MoU with National Cooperative Union of India (NCUI) to run PG Diploma in Cooperative Management and other cooperative activities.

**iv. The University is pursuing *Rashtriya Avishkar Abhiyaan* which aims at nurturing a spirit of inquiry and creativity, create interest for Science and Mathematics, effective use of technology amongst children and encourage children who show an inclination and talent for these subjects. Under this *Abhiyan*, Science, Maths and Technology (SMT) Club has been established. After its establishment, SMT Club have initiated the following activities towards implementation of *Rashtriya Avishkar Abhiyan*:**

- a. Organized Science Exhibition for the students of the government schools located in the villages adopted by the University (on 11 Sept. 2015)
  - b. SMT Club organized a Workshop in collaboration with Technology Applications Service (TAS), New Delhi to develop the interest of school, college and University students in science subjects.
  - c. The Club organized a special lecture for Science students by Prof. H.P. Dikshit, former Vice Chancellor, IGNOU on 15<sup>th</sup> Oct. 2015.
  - d. Further, the SMT Club proposes to organise an ambitious ‘Science Conclave’ in the month of January 2016 for the students of schools and colleges of Mahendergarh District to promote science education.
- v. The constitution of IQAC focuses on excellence as a dynamic process and evolves strategies and programmes to reinforce a culture of excellence in teaching and research. In this regard, meetings of IQAC were conducted on 13<sup>th</sup> Oct. 2015 and 19<sup>th</sup> Oct. 2015.

Besides, University leadership has advised various departments/schools to opt for ISO certification for further developing a culture of excellence through standardized processes for academics and administration.

**\* In identifying organizational needs and striving to fulfill them:**

The University Leadership deliberates on the futuristic needs of the University through various meetings and interactions and strives to fulfill them. The resource requirements are proposed and discussed in Finance Committee meeting for further action and allocation. Generally, the organizational needs pertain to introducing professional courses, modernizing education and administration, building up of infrastructure (academic, research, administrative, residential etc.), promoting value based education, environment friendly practices, research & innovation and quality higher education. Based on the overall stock taking and introspection, the short-term and long-term plans are designed and complied with the support of the administrative, finance and academic section.

**6.1.4 Were any of the top leadership positions of the University vacant for more than a year? If so, state the reasons.**

Yes, following posts of the University remained vacant for more than a year:

- i. The post of the Vice Chancellor remained vacant for more than one year, from 4<sup>th</sup> March, 2014 to 15<sup>th</sup> April, 2015.

**Reason:** On the relieving of Vice Chancellor, Maj. Gen. Ranjit Singh on 4<sup>th</sup> March 2014, the process of appointment of regular Vice Chancellor took more than one year.

- ii. The post of PVC is vacant since 1<sup>st</sup> June, 2013 onwards.

**Reason:** University didn't appoint the Pro Vice Chancellor after relieving of Prof. D.C. Vashist on 31<sup>st</sup> June 2013.

- iii. The post of Controller of Examinations is vacant since the inception of the University\*:

**Reason:** University advertised the post of Controller of Examinations (COE) in the year 2012 and 2014 but interviews couldn't be held so far.

**\* Recently COE has joined on deputation.**

#### **6.1.5 Does the University ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?**

Yes, the University ensures that all positions in various statutory bodies are filled and meetings are conducted regularly as per the schedules prepared by the University. In case any position(s) becomes/become vacant, efforts are made to appoint persons of eminence and repute to the statutory bodies of the University.

#### **6.1.6 Does the University promote a culture of participative management? If yes, indicate the levels of participative management.**

Yes, the University promotes a culture of participative management. Beginning from top, the first level constitutes the statutory bodies where the principle of participative management and decision making is followed in word and spirit.

The second level constitutes involvement of faculty in administrative affairs where the administration entertains and considers the suggestions of the faculty members with open mind. The third level involves participation of faculty members in departmental administration and growth which is duly ensured by the Heads of the Departments.

The fourth level constitutes creative interaction among all the Schools and Departments through their Deans and Heads. Meetings of the Deans and Heads are convened from time to time to discuss and resolve important issues. These meetings are chaired by the Vice Chancellor and/or the Registrar of the University (depending on the agenda of the meeting).

The participative management at this level is also brought alive through the comprehensive and functional committee system.

Finally, the University promotes participative culture by making provisions for the engagement of important stakeholders such as the students, parents and the corporate world or the industry professionals. For instance:

- (a) The administration gives due consideration to the suggestions communicated by the student representatives through the Students' Council.
- (b) Parents are engaged through parents-teachers meet and
- (c) There is a Research Promotion Cell to develop a symbiotic and synergetic research environment while maintaining relationship between the University and industry.

**6.1.7 Give details of the academic and administrative leadership provided by the University to its affiliated colleges and the support and encouragement given to them to become autonomous.**

There are no colleges affiliated to the Central University of Haryana.

**6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?**

There are no colleges affiliated to the Central University of Haryana.

**6.1.9 How does the University groom leadership at various levels? Give details.**

The University shapes leadership at the level of the administration, faculty and students through various participative and interactive platforms. The University leadership identifies suitable faculty members, non-teaching staff and students and provides them sufficient opportunities to be groomed as future leaders. They are involved in various cells, committees and councils which have direct bearing on the efficiency and productivity of the University. For instance, IQAC, Academic Council, Grievance Redressal Cell, Internal Complaint Committee for Prevention, Prohibition and Redressal of Sexual Harassment, Students Council, Industry Interface Cell, Alumni Club, Grievance Redressal Cell, NSS/YRC, Centre for Community Development, *Unnat Bharat Abhiyan Cell*, Group for the Promotion of Art, Culture & Heritage, Women Empowerment Cell, Legal Aid Clinic and Centre for Entrepreneurship, Skills and Innovations. The Registrar, Finance Officer, Dean Students

Welfare, Proctor, Deputy Registrar, Section Officer and Assistant Registrars play crucial role in implementation of the policies devised by decision making bodies.

University has framed various Ordinances defining the responsibilities, functions and powers of the authorities of the University including Pro Vice Chancellor, Deans, Heads, and Dean Students Welfare. University has given additional responsibility of Hostel Wardens to the faculty. Besides, leadership among the faculty is groomed through inclusion of the faculty in various cells, clubs, proctorial boards, centres, councils and other bodies.

The faculty members are encouraged to acquire research projects as principal investigators. All necessary support and incentives are given to them to develop their research potential to become leaders in their own field of research.

The leadership qualities are inculcated among the students through NSS camps, sports activities, cultural activities and various competitions and contests. There is the provision of Students Council where student representatives, elected and nominated from various departments, participate in discussions and deliberations. Various co-curricular and extra-curricular activities are conducted through active participation of the students.

The University also follows mentoring system to ensure personality development and grooming of each and every student in the campus.

#### **6.1.10 Has the University evolved a knowledge management strategy? If yes, give details.**

Yes. The University has evolved a knowledge management strategy through a combination of teaching, research, innovation, incubation and extension activities. The faculty is encouraged to apply for research projects, training workshops, faculty development programmes, orientation and refresher courses to improve their teaching skills and contribute towards knowledge generation and dissemination. The research output is channelized and disseminated through research publications and Seminars, Conferences, Workshops, Symposia etc. Teaching faculty are also encouraged to offer consultancies to community and industry. Orientation and training programs are organised whenever new/fresh faculty members are appointed in the University. The University maintains the videos of various seminars and conferences wherein the industry experts are invited to deliberate on various topics. Finally, the University has also established Centre for Bio-Resource Management as Centre for Excellence and plans to establish a few more such centres which are interdisciplinary in nature. Various academic collaborations and linkages with incubation

centres serve as genuine knowledge exchange systems. Knowledge sharing with the collaborating organisations and institutes takes place through video conferencing mode too. This is facilitated by Wi-Fi connectivity. The Library subscribes to the online research journals through INFLIBNET, a UGC Inter-University Center for Information and Library Science which facilitates scholarly research work.

#### **6.1.11 How are the following values reflected in the functioning of the University?**

##### **\* Contributing to national development**

In the era of 'knowledge society' the development and growth of a nation has been linked to its output in the domains of research and innovation. The University under the leadership of its dynamic and visionary Vice Chancellor, Prof. R. C. Kuhad, has already charted out its course to make the national aspirations in higher education a concrete reality. The University seeks to produce a skilled, efficient, and committed workforce in diverse fields of expertise and thereby empower them to serve the nation. The extension activities of the University through NCC, *Unnat Bharat Abhiyan*, and Community Development reflect its commitment towards social goals which are a part of human and national development. The University takes up the national agenda of social welfare and conducts social awareness campaigns (such as *Swachh Bharat Abhiyan*, *Beti Bachao, Beti Padhao Abhiyaan*, Aadhar card camp, Legal Literacy Awareness camps), in the six adopted villages to equip the village community with knowledge, awareness and inculcate in them a sense of civic responsibility.

##### **\* Fostering global competencies among students**

The teaching faculty understands its responsibility to prepare students to survive and succeed in a global society. Thus, the course curriculum is designed in view of the requirements of the global market, industrial sector and corporate world. The course contents are updated every year to incorporate the latest developments in different fields. Towards pursuance of this end, the Choice Based Credit System (CBCS) was introduced in University from the Academic Session 2015-16 in all Post-Graduate courses. Special emphasis has been given on improving communication skills of students for their personality developments and increased employability. Digital technology is also imparted to the students in order to foster global awareness in classrooms. Finally, we strive to impart global education at University in order to instil in students universal dispositions that foster cross-cultural understandings.

### **\* Inculcating a sound value system among students**

The University adopts various mechanisms to inculcate a robust value system among the students. Inspirational figures are invited from various walks of life to interact with students and motivate them to adopt moral values and ethical various a sound value system. Social and ethical values are inculcated through NSS programmes. The Centre for Community Development, Women Empowerment Cell, Career Counselling, Training and Placement Cell and Yoga Club also organize various activities for overall personality development of students as well as development of a sound value system. The participation of students in campaigns such as remedial coaching classes for school students, campus cleanliness drive, tree plantation drive and blood donation camps through *Swachh Bharat Abhiyan*, *Unnat Bharat Abhiyan* Cell, NSS/YRC units and adoption of six villages by the University bears a testimony to the societal-community values nurtured by the students and their commitment to community, society and nation as a whole.

### **\* Promoting use of technology**

The University administration has developed a roadmap for achieving online system for various operations such as admission, enrollment, filling of examination forms, revaluation forms, library functions (issue and return of library books), fee submission etc. Besides this, all the departments have smart class rooms to facilitate ICT-enabled teaching-learning process. Notably, the University is fully Wi-Fi enabled.

### **\* Quest for excellence**

The University's quest for excellence is reflected in the following ways:

- Regular upgradation of syllabus to keep it relevant for exams like NET, SET, UPSC, GATE etc.
- Encouragement for publication of research in refereed journals with high impact factor, Ph.D scholars are compulsorily required to publish two research papers within the duration of their research.
- Collaborations and MOUs with Industry, reputed organizations, institutes and NGOs.
- Development of the 'State-of-Art' laboratories



- Provision of annual awards for best research paper, best department, contribution to corporate life, and best class-room teaching.
- Creation of Research Laboratories.

## **6.2 Strategy Development and Deployment**

### **6.2.1 Does the University have a perspective plan for development? If yes, what aspects are considered in the development of policies and strategies?**

Yes. The University has a perspective plan for development from academic as well as administrative perspective.

- \* Vision and mission: The Perspective Plan is in line with the vision and mission of the University.

**The future roadmap for the thrust areas such as teaching and learning, research and development, community engagement, human resource planning and development, industry interaction which the University proposes to focus, is as follows:**

#### **I. Identifying the prospective areas requiring immediate attention for creating vibrant academic and research environment and to review all the ongoing projects in the institution.**

1. Making the website a repository of all the available information, facilities, resources and opportunities that the University offers so that the stakeholders of the University are not deterred by any barriers of geographical location while accessing the relevant information. Open educational resources (OERs), Massive Open Online Courses (MOOCs) and resources available under 'Creative Commons' license will be linked to provide vast pool of useful and supplementary material to the students. MOOCs will offer the students anytime-anywhere learning environment, and emerge as an effective tool for knowledge sharing and dissemination.
2. Establishing credible open fora for interaction with the teaching, learning and the non-teaching community to understand their needs, demands and aspirations to see the desired change.
3. Establishment of University Development Corpus Fund to create a corpus for funding, supporting and sustaining academic and research initiatives of various in-house Centres and Institutes, faculty members, research scholars and students. The corpus will involve generation of funds from but not restricted to:
  - Industry
  - Alumni Endowments
  - Overhead grant from Extramural Research grants
  - Consultancy
  - Patents and technology transfer
  - Grant from International bodies under their social and academic initiatives
4. Special initiatives and programs for differently-abled and disadvantaged students to realise the vision of inclusive quality education. All efforts shall be made to make

the campus differently-abled and disadvantaged-friendly as per the requirements and guidelines of Government of India. A duly constituted special cell shall initiate affirmative action and monitoring of progress of all such programs towards equal opportunity to all the students including their employability aspects too. Grants and aid will also be provided to deserving students for enhancing their employability skills.

5. Equal Opportunity Cell will ensure that all sections of the students are provided appropriate support; and special initiatives will be undertaken for bringing students of the backward and underprivileged sections at par with others to offer them a level playing field for competition including remedial classes for students of these categories.

## **II. Empowering and strengthening existing University System:**

1. E-Governance: To bring the entire functioning of the University under the ambit of e- Governance, the University shall expedite the digitization process. The entire University is being linked through Wi-Fi internet connectivity so that all the schools, departments and centres will be on a common network.
2. Transforming education system for creating exciting opportunities:
  - Creating an exemplary model for the implementation of Choice Based Credit System (CBCS)
  - Shift in focus from teacher-centric to student-centric education.
  - Allows students to choose innovative curriculum through inter-disciplinary, intra-disciplinary courses, skill oriented papers, vocational education and encourages more flexibility for students.
  - Makes education broad-based and at par with global standards
  - Ease of mobility for students
3. Faculty Development Programmes: Creating opportunities for the faculty to get oriented to latest innovative pedagogies, research methodology and professional skills by providing training through induction courses/workshops and seminars at regular intervals. University has already submitted the proposal for the establishment of UGC-HRD Centre.
4. School/Department development program: Enriching state of the art Labs with more equipment and securing funds from various GOI schemes for creating department-centric research facilities and developing Learning Resource Centres.
5. New learning and teaching pedagogy initiatives: University proposes to create the facilities for developing e-learning material and also to facilitate the starting of MOOCs (Massive Open Online Courses).
6. Modernization of Library: Library is the temple of wisdom and knowledge in a University. Apart from acquiring new and existing titles and increasing the subscription of journals, one of the priority areas will be to link the library to the National grid so that access to all the e-journals and e-books that are subscribed through INFLIBNET and its affiliated universities and institutes are also available

to the University students and faculty members. This will also result in saving precious national resources. Further University library and department/school libraries will be linked through the University intranet so that there is seamless flow of knowledge.

7. Placement Opportunities: The Career Counselling, Training and Placement Cell will be refurbished so that coordinated and concerted efforts are made to bring maximum number of students under its ambit. Registration and profiling of all students in the placement cell will be made mandatory so that each student gets the opportunity to apply for jobs.
8. Strengthening of examination system:
  - Online registration for exams
  - Online issue of admission card
  - Online submission of question papers
  - Centralized evaluation of undergraduate courses
  - Decentralization of Post Graduate examination by empowering the Teaching Departments.
9. Consolidation of existing departments by providing faculty and minimum required infrastructure
10. Introduction of new programs in Physical Sciences, Mathematical Sciences, Performing and Fine Arts, Language and Linguistics and Pharmaceutical Sciences, in phased-manner.
11. Introducing the Certificate and Diploma courses through the schemes like *Deen Dayal Upadhyaya Kaushal Kendra* and Skills Incubation Centre.
12. Priority will be given for establishing different centers under the Inter and Multi-Disciplinary format providing infrastructure and opportunity to develop and hone existing and new areas of research and innovation. These centers will act as catalysts for increasing the quality and quantity of research publication and to develop relevant and sustainable technology and obtain its patents (IPR).
13. **Center for Academic Auditing:** This center will be responsible for evaluation of all academic, research and associated activities of different Departments, Centers and Institutes of the University. It will also set up future benchmarks for the University.
14. **Technology Stock Exchange:** This center will be established with objectives like creating value for ongoing and new research. Apart from the running courses with multi-disciplinary approach, the University has adopted engaging teaching pedagogy and provides exciting environment for research. An ecosystem will be developed to provide common platform for researchers, industrialists, evaluator and IPR specialists for facilitating the improvement of incubated technologies and their transfer to industries.
15. **Centre for Policy and Modeling:** This center will focus in creating value in the following areas:

- Policy for self-sustenance at macro and micro level of governance
- Carbon footprint and Green initiatives Policy
- Unified e-Content formulation, implementation and outreach Policy
- Policy for reforms in Socio-Economic delivery mechanism
- Modeling for Climate change and Weather prediction: Causes and Impact
- Modeling for Crop prediction and associated studies
- Modeling Studies: Use of modeling as a tool for providing real-time solutions in diverse areas ranging from drug delivery, medical profiling and genetic code generation studies, controlling traffic flows, analyzing and predicting stock market trends, etc.

16. **Centre for Secondary Agriculture and Energy Harvesting:** Aiming at adding value to crop residue, Center on Bioenergy & biomaterials is proposed for developing technologies for production of alternate fuels and biomaterials. Energy harvesting is a new and rapidly developing concept, which strives to generate energy from everyday processes for powering low energy everyday requirements. The basic concept is to harness unproductive energy from various processes and convert it into electricity like rubbing, pressure, air friction, tidal energy, rotatory motion, body heat etc.

17. **Center for Community Development: To pursue the social outreach initiatives to address the issues of the neighbouring community, Centre for Community Development shall make rigorous efforts** with special focus on:

- Childcare, Health, Hygiene and Sanitation
- Citizens' Rights and Duties
- Self-help groups & Micro-finance cooperatives in collaboration with National Cooperatives Union of India (NCUI)
- Training programs for Empowerment of Women and Gender Sensitization by Women Empowerment Cell
- Conflict Resolution, Peace studies, Legal-aid and Counselling through Legal-Aid Clinic of the University

18. **Center for Innovation, Skill, Entrepreneurship and Employment:** This center will be made into a dynamic hub to provide all solutions related to students employment. To encourage innovative thinking, incubate ideas, changing mindset and increase the employability of the students, there will be regular interactions between the academia and the industry under the aegis of this center. Special emphasis will be laid for developing soft skills of the students like communication, team building, leadership and domain skills. Tie-ups will be made with both public and private partners to provide vocational and entrepreneurial training to the students for setting up their own Micro, Small, Medium Enterprises (MSME's) apart from regularly organizing placement drives. Courses to be offered under the scheme of *Deen Dayal Upadhyay Kaushal Kendra* and Incubation Centre for Skills (in collaboration with NSIC) shall be instrumental in achieving these objectives. In the ever-changing realm of education there is an increasing need to start vocational courses which directly cater to skills and vocations which do not form part of standard undergraduate and postgraduate courses.

19. **Instrumentation and Analytical Techniques:** Instrumentation is a rapidly growing field in India. There is huge potential in this field as India gears up to provide quality and cost effective alternatives to expensive imported instrumentation that is currently available in the market. Analytical Techniques and their applications cover a wide spectrum of disciplines ranging from Life Sciences, Physical Sciences and Material Sciences providing cutting edge solutions particularly in research areas.
20. **Courses on Diagnostics:** Diagnostic techniques require the user/learner to have a broad based knowledge, which is inter-disciplinary and multi-disciplinary in nature. The courses on diagnostics will seek to bridge the gap between the knowledge and skills required and those available in the existing courses by offering a course dealing with all the aspects of Diagnostics.
21. **New courses for Media Studies, Technical Writing and Editing:** The realm of Media Studies is ever expanding as new and innovative forms of engagement with the public take shape. Existing Media studies courses in audio, visual, electronic and print media and multimedia are mostly conducted by private institutes at prohibitive costs. These courses will try to provide such knowledge and skills at affordable cost and also aim to explore relatively niche fields of technical writing, editing and multimedia in Science and technology.
22. **Centre for Culture and Heritage:** University proposes to introduce the Centre for Culture and Heritage to facilitate the studies and researches in the field of Culture Studies, Indigenous Studies and studies on indigenous arts, culture and heritage. Besides, this center will be dedicated to preserving folk arts, music and literatures.

### III. **Self-sustaining and miscellaneous Initiatives:**

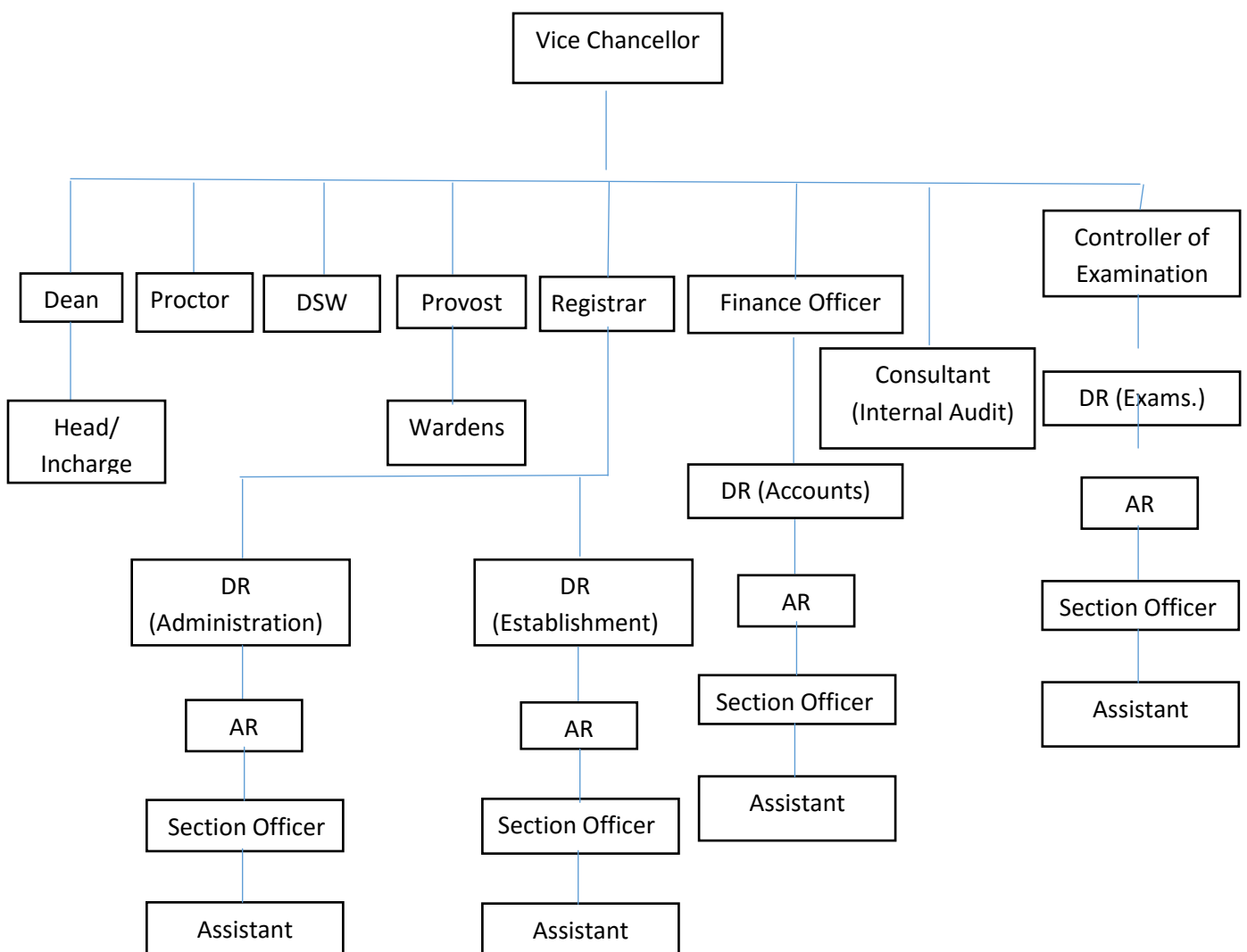
Developing crucibles of learning and development: Motivating staff and students to develop models, experiments, technologies to catalyze local/regional/national growth and development in association with local industry/trade/handicrafts/vocations.

- *Solid Waste Management:* Initiatives for solid waste management will be undertaken so that the University becomes a zero-waste University. Options will be explored for utilizing the waste to create energy and other productive materials.
- *e-Waste management:* e-waste is increasingly becoming an environmental disaster and processes will be put in place to recycle and effectively dispose the e-waste that is generated by the University.
- *Energy generation:* Setting up of solar street lamps, solar panels on University building's rooftops and designing of new buildings on the concept of zero-energy/green buildings.
- *Rain-water harvesting:* A feasibility study will be conducted to implement rain-water harvesting so that University is able to meet at-least part equipment of water from its own sources.
- *Sports Academy:* Since the University has ample land available with it, hence part of that land will be utilized in setting up a sports academy for creating world-class infrastructure for students. This facility will also be leased out/ memberships provided so that the academy also earns revenue for the University. Moreover, special emphasis will be given to establishing sports facility for disabled persons.

- *Organic Farming*: keeping in mind the vast expanse of land available with the University, an organic farm will be set up and the produce may be sold at the local/regional markets to earn some revenue for the University. Moreover, it could be used for training the students and for demonstration purpose for the local population.
- *Solar Power Plant*: University proposes to establish solar power generation plant as a sustainable means to generate eco-friendly and cost-effective energy.

**6.2.2 Describe the University’s internal organizational structure and decision making processes and their effectiveness.**

The internal organizational structure for planning, implementing, monitoring and evaluating the administrative and academic functions is as follows:



The University’s governance system is democratic, decentralized and transparent. The Vice-Chancellor provides overall leadership while promoting decentralized and participative management in University administration. He acts as the Chairperson of various statutory bodies of the University such as the Executive Council, the Academic Council, the Building

Committee, and the Finance Committee. These bodies function as the policy and decision making bodies. The Board of Studies (BOS) and the School Board headed respectively by the Head of the Department and the Dean make important academic decisions which are further submitted for the approval of the Academic Council and the Executive Council.

**6.2.3 Does the University have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?**

Yes. The University has constituted IQAC for Internal Quality Assurance and quality improvement in all spheres. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of institutions. The Internal Quality Assurance Cell (IQAC) in Central University of Haryana has been constituted in accordance with the guidelines provided by NAAC. The work of the IQAC is the first step towards internalization and institutionalization of quality enhancement initiatives. It will not be yet another hierarchical structure or a record-keeping exercise in the institution. It will be a facilitative and participative voluntary system/unit/organ of the institution. It has the potential to become a vehicle for ushering in quality enhancement by working out planned interventionist strategies to remove deficiencies and enhance quality like the "Quality Circles" in industries. Notable, meetings of IQAC have been held on 13<sup>th</sup> October 2015 & 19<sup>th</sup> October 2015.

**6.2.4 Does the University encourage its academic departments to function independently and autonomously and how does it ensure accountability?**

Yes, the University encourages its academic departments to function independently in terms of formulation, revision and upgradation of syllabus, undertaking research and extension activities, conducting examinations, assessing answer sheets, suggesting names of experts for evaluation of M.Phil and Ph.D. work, evolving innovative teaching and evaluation methodologies, undertaking research projects and consultancies and organising seminars, conferences, workshops etc. The University has adopted Choice Based Credit System and the departments have autonomy in terms of offering elective courses.

The departments are supposed to follow Ordinance clauses while exercising autonomy. Further, the academic decision making by the Departments is subject to the approval of Board of Studies, School Board and Academic Council. The individual faculty and the Departments as a whole are required to submit appraisal reports to the IQAC to ensure accountability in academics.

The departments are given financial autonomy for working on their departmental budget and to initiate purchase accordingly. Further, departments are encouraged to maintain their own accounts.

**6.2.5 During the last four years, have there been any instances of court cases filed by and against the institute? What were the critical issues and verdicts of the courts on these issues?**



No. of Land-dispute related cases – 02 (Cases pending before Civil Court)

No. of Recruitment/selection committee related cases - 04 (cases pending before High Court)

No. of Environmental issues related cases - 02

Ownership of trees at campus and tree-cutting related cases – 03 (resolved amicably outside the court)

**6.2.6 How does the University ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder-relationship?**

Grievances of faculty, staff and students are addressed promptly through various committees/cells such as Internal Complaint Committee for Prevention, Prohibition and Redressal of Sexual Harassment of Women at Workplace, UGC Portal, Students Grievance Redressal Cell and SC/ST Grievances Cell. However the complainant is expected to approach the committees only after the initial channels for different kinds of grievances are exhausted. Thus, grievances related to specific departments and sections are resolved at by the Heads of the Departments or Section heads. Hostel related grievances of the students are resolved amicably at the level of Hostel wardens. Discipline related issues are resolved by Proctor and the concerns related to the welfare of the students are addressed by the Dean Students' Welfare. If the aggrieved party fails to get a solution, s/he is supposed to submit a written complaint to the Grievance Redressal Cell (established for staff, faculty and students). The cell looks into the issue and recommends appropriate action.

Further, the aggrieved party or the complainant is free to submit the complaint to the MHRD grievance portal.

**6.2.7 Does the University have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?**

Yes. The Student feedback on institutional performance has been introduced w.e.f. the current academic session (2015-16).

**6.2.8 Does the University conduct performance audit of the various departments?**

Yes. The Internal Quality Assurance Cell (IQAC) shall conduct Academic and Administrative Audit of various departments every year and shall file Annual Quality Assurance Report annually.

**6.2.9 What mechanisms have been evolved by the University to identify the developmental needs of its affiliated institutions?**

Not applicable

**6.2.10 Does the University have a vibrant College Development Council (CDC) / Board of College and University Development (BCUD)? If yes, detail its structure, functions and achievements.**

Not applicable

**6.3 Faculty Empowerment Strategies**

**6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff?**

Following efforts have been made to enhance the professional development of teaching and non-teaching staff:

Faculty members are encouraged to participate in national and international conferences, seminars, symposia, workshops, summer and winter schools, in-service training programmes, orientation programmes and refresher courses.

Foreign-funded visits of faculty for delivering invited lectures or conference presentations in prestigious foreign universities receive full administrative and departmental support.

Short-term orientation programmes are organised by the University for both, teaching and non-teaching staff

Non-teaching staff is deputed for skill enhancement workshops and training programmes. Recently, University has submitted a proposal for establishing UGC-Human Resource Development Centre as a faculty development initiative.

**6.3.2 What is the outcome of the review of various appraisal methods used by the University? List the important decisions.**

Teaching faculty is required to submit Self-Appraisal Proforma (SAP) and UGC prescribed Performa for assessment performance indicator (API). The reports are analysed by the IQAC. The Vice Chancellor writes the confidential report for teaching faculty at the end of the academic session. If the performance is not up to the mark, the outcome of appraisal is communicated to the concerned teacher with a note to make improvement in future. This appraisal system motivates teachers to focus on teaching, research, community work, co-curricular activities and make positive contributions to the corporate life of the University.

The University has also started the practice of seeking Students' feedback, beginning from the current session, i.e., 2015-16. It is likely to help in making improvements in syllabus, pedagogy and teaching-learning mechanisms.

**6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details.**

- Child care leave
- Maternity Leave
- Paternity Leave
- Tuition Fee Reimbursement
- LTC
- Medical Claim Reimbursement
- Provision of Uniform for Drivers and Cooks

**6.3.4 What are the measures taken by the University for attracting and retaining eminent faculty?**

Various measures are taken by the University to attract and retain eminent faculty such as:

- The vacancies are widely advertised through the University website and national newspapers.
- The scheme of appointing renowned scientists and social scientists as consultants and adjunct faculty has been implemented. University has already got an Ordinance approved in this regard.
- Accommodation is provided to the teaching faculty.
- Residential facilities (as per entitlements) are being created on priority
- Career Advancement Scheme has been implemented to retain eminent faculty.

**6.3.5 Has the University conducted a gender audit during the last four years? If yes, mention a few salient findings.**

The University has not conducted a formal Gender Audit in the last four years. However, specific measures are adopted to promote gender equality and discourage gender discrimination. There is a “Women Empowerment Cell” to create awareness and gender sensitivity. The cell also provides counselling services to girl students. Sexual harassment prevention cell formulates policies to prevent sexual harassment. This cell deals with cases of discrimination and sexual harassment against women, in a time bound manner.

**6.3.6 Does the University conduct any gender sensitization programmes for its faculty?**

Yes, Women Empowerment Cell of the University conducts gender sensitization programmes from time to time. Such programmes are also conducted in neighbouring villages adopted by the University. The Cell organised 3-day Workshop for gender sensitization "Addressing Discrimination against Women: Walk the Talk" for ITI Staff, students and University faculty from 18th to 21st May 2011.

The University has taken sufficient measures to ensure safety of women students by the way of Workshops, meetings with Women students, counseling sessions, exhibitions, awareness campaign, plays based on women issues, community interactions. The University started with organizing series of workshops to address the discriminatory issues concerning different

groups of women. Accordingly, a Workshop “Addressing Discrimination against Women: Walk the Talk” was organized from May 18-20, 2011 at the Temporary Campus of the University at Narnaul (Mahendergarh). The workshop provided the faculty and non-faculty participants a platform to frankly share their views, learn, unlearn, relearn, think and rethink, besides sensitizing them to women issues. The idea to hold these events show the commitment of the University to the cause of gender sensitisation in society. The Women Empowerment Cell of the University organised a Story Telling session to commemorate International Women’s Day on March 6, 2012. The University has been using different pedagogy of learning, teaching, experiencing, sharing, and spreading the message of knowledge creation through Value Education to society. Accordingly it initiated a journey starting from DAV, School, Narnaul, on 28th January 2013, followed in Holy Child School, Rewari, Govt. College Ateli, GGSIP University, Schools and educational Institutions at Jhajjar and culminating at Book Fair, Pragati Maidan, Delhi on 7th February 2013. The event was designed in two parts: the first part involved discussion around the theme Value Education – Imperative for change while the second part involved a play enacted by the students. The play impressed one and all, raised pertinent questions on the issues including female foeticide, lack of awareness regarding value education, eve-teasing at public places, prevailing discrimination against women in different spheres of life, role of *Khap Panchayats* in suppressing the voice of woman, domestic violence, alcoholism, burden of illiteracy etc. The play was in the language and idiom of the common people so that the message of the play could percolate to the lay men and women.

**6.3.7 What is the impact of the University’s Academic Staff College Programmes in enhancing the competencies of the University faculty?**

Not Applicable. The University has submitted the proposal to UGC for establishing UGC-HRD Centre under faculty development initiatives and approval for the same is awaited.

**6.4 Financial Management and Resource Mobilization**

**6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?**

Every expenditure is being incurred after obtaining the sanction of the competent authority as per GFR norms as well as the Govt. of India instructions issued from time to time. Utilization certificate is submitted to the UGC regularly after interval of each quarter of the financial year. The expenditures are approved by the Finance Committee and Executive Council.

**6.4.2 Does the University have a mechanism for internal and external audit? Give details.**

Yes, University has the mechanism of internal audit through pre-auditing through Internal Audit Officer/Consultant and external audit is conducted by a team of C.A.G. after the close of each financial year.

**6.4.3 Are the institution’s accounts audited regularly? Have there been any major audit objections, if so, how were they addressed?**

Yes, the University’s accounts are audited regularly. Whenever there are objections in the audit inspection reports, the reply is submitted by the finance department for their settlement.

**6.4.4 Provide the audited income and expenditure statement of academic and administrative activities of the last four years.**

The audited income and expenditure statement of academic and administrative activities of last four years is as follows:

**INCOME AND EXPENDITURE ACCOUNT (2011-12 and 2012-13)**

<i>Particulars</i>	<i>Schedule</i>	<i>Amount in Rs.</i>	
		<i>Current Year</i>	<i>Previous Year</i>
		<b>2012-13</b>	<b>2011-12</b>
<b>(A) INCOME</b>			
<i>Grants\Subsidies</i>		258245212.00	641819400.00
<i>Fees\Subscriptions</i>		0.00	1055357.00
<i>Income from Royalty, Publication etc</i>			
<i>Interest Earned</i>		40707848.00	18199737.00
<i>Other Income</i>		1405068.00	103078.50
<b>TOTAL (A)</b>		<b>300358128.00</b>	<b>661177572.50</b>
<b>(B) EXPENDITURE</b>			
<i>Direct Exp.</i>		16212831.50	12323141.00
<i>Establishment Expenses</i>		23234328.00	18193681.00
<i>Other Administrative Expenses</i>		0.00	5381988.00
<i>Expenditure on Grants, Subsidies etc.</i>			
<i>Depreciation</i>		3093879.00	3903993.00
<b>Total (B)</b>		<b>42541038.50</b>	<b>39802803.00</b>
<i>Balance being excess of income over Expenditure (A-B)</i>		257817089.50	621374769.50
<b>Balance being surplus carried to Capital Fund</b>		<b>257817089.50</b>	<b>621374769.50</b>

**INCOME AND EXPENDITURE ACCOUNT(2013-14 and 2014-15)**

		Amount in Rupees	
	Schedule	Current Year 2014-15	Previous Year 2013-14
		Total	Total
		General Fund	
<b><u>INCOME</u></b>			
<i>Academic Receipts</i>		4442347.00	1296432.00
<i>Grants &amp; Donations</i>		553719700.00	1102315800.00
<i>Income from investments</i>		48610040.00	37049032.00
<i>Interest Earned</i>		0.00	0.00
<i>Other Incomes</i>		3171262.00	785817.00
<i>Prior Period Income</i>			
<b><u>TOTAL (A)</u></b>		<b>609943349.00</b>	<b>1141447081.00</b>
<b><u>EXPENDITURE</u></b>			
<i>Staff Payments &amp; Benefits</i>		57808109.00	32174423.00
<i>Academic Expenses</i>		10182547.00	14446106.00
<i>Administrative and General Expenses</i>		28645738.00	23235347.00
<i>Transportation Expenses</i>		1219610.00	986634.00
<i>Repairs &amp; Maintenance</i>		2369471.00	1311176.00
<i>Finance Costs</i>		14615.00	5640.00
<i>Other Expenses</i>		125057.00	0.00
<i>Prior Period Expenses</i>		-5524660.00	0.00
<b><u>TOTAL (B)</u></b>		<b>94840487.00</b>	<b>72159326.00</b>
<b><i>Balance being excess of Income over Expenditure (A-B)</i></b>		<b>515102862.00</b>	<b>1069287755.00</b>
<i>Transfer to/from Designated fund</i>			
<i>Building Fund</i>		0.00	0.00
<i>Others (Specify)</i>		8223591.00	5124575.00
<b><i>Balance Being Surplus (Deficit) Carried to General Fund</i></b>		<b>506879271.00</b>	<b>1064163180.00</b>

#### **6.4.5 Narrate the efforts taken by the University for Resource Mobilization:**

The University receives grants from UGC and MHRD under three heads:

1. Grant in aid General (Recurring, Head-31).
2. Grant in aid Salary (Head-36)
3. Grant in aid Capital assets, (Non-Recurring, Head- 35)

The resources are mobilized according to the specified rules and regulations with the approval of the University authorities from time to time.

The financial resources are mobilized on the basis of the budgetary requirements received from individual departments and their priority-wise need-based assessment.

Besides, University adopted following measures for resource mobilisation;

- Revised fee structure from the current academic session i.e. 2015-16
- University has converted savings account in flexi account as the part of financial management
- Transferring surplus money in FDR
- Adopting austerity measures in financial transactions

#### **6.4.6 Is there any provision for the University to create a corpus fund? If yes, give details.**

Presently, there is no provision for the University to create a corpus fund but the University intends to set up University Development Corpus Fund in near future.

#### **6.5 Internal Quality Assurance System**

University has developed Internal Quality Assurance System and it is executed through Internal Quality Assurance Cell.

##### **IQAC:**

In pursuance of the National Action Plan of the National Assessment and Accreditation Council (NAAC), Bangalore, for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, the NAAC proposes that every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a post-accreditation quality sustenance measure. Since quality enhancement is a continuous process, the IQAC will become a part of an institution's system and work towards realizing the goals of quality enhancement and sustenance.

##### **The primary aim of IQAC is:**

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the University.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

#### **6.5.1 Does the University conduct an academic audit of its departments? If yes, give details.**

The University has recently constituted IQAC to conduct academic audit of its departments and it will submit AQAR (Annual Quality Assurance Report) within stipulated time.



Besides, University plans to start Center for Academic Auditing. This center will be responsible for evaluation of all academic, research and associated activities of different Departments, Centers and Institutes of the University. It will also be tasked with setting up of future benchmarks for the University.

**6.5.2 Based on the recommendations of the academic audit, what specific measures have been taken by the University to improve teaching, learning and evaluation?**

The required measures shall be taken after preparation of AQAR (Annual Quality Assurance Report).

**6.5.3 Is there a central body within the University to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?**

The Internal Quality Assurance Cell (IQAC) in the University has been constituted in accordance with the guidelines provided by NAAC.

**6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?**

Internal Quality Assurance Cell has been constituted quite recently i.e. on 20<sup>th</sup> Aug. 2015 and, therefore, IQAC shall endeavor to contribute significantly in institutionalizing quality strategies and processes.

**6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the University for Implementation?**

IQAC placed following proposals before the authorities for consideration:

1. Proposal for Constituting Committee for E-Waste and Hazardous Waste Management
2. Proposal to Constitute Central Research Cell
3. Proposal to Constitute Research Project Cell
4. Proposal to Constitute Central Committee for the Review of Teaching/Learning Process
5. Proposal to Constitute Complaint Committee for Examinations
6. Proposal to Constitute University Complaint Handling Committee/Redressal Cell
7. Proposal to Constitute International Students Cell
8. Proposal to Constitute University/Industry Liaisoning Cell
9. Proposal to Constitute Inter-Departmental Research Cell
10. Proposal to Constitute Cell for the Care and Promotion of Needy Children

**6.5.6 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.**

Yes, IQAC has external members including the following:

- Prof. D.P.S. Verma, Professor (Retd.), Delhi School of Economics
- Prof. Vinay Kumar Gupta, Professor, Department of Physics Astrophysics, University of Delhi, Delhi

- Prof. Karampal Narwal, Professor of Management, GJUS&T, Hissar
- Prof. A.S. Mann, Professor of Physics, MDU, Rohtak.

The external members are instrumental in providing best of inputs on the basis of their expertise and experience of NAAC Accreditation at their parent organization.

**6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?**

IQAC shall initiate necessary steps towards assessing and studying the incremental academic growth of students from disadvantaged sections of society.

**6.5.8 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?**

- Mechanism of Annual Performance Appraisal Report (APAR)
- Action Taken Report in response to the targets set and stated by the University in Vice Chancellors' Conference at Rashtrapati Bhawan, annually.
- Periodical Review Meetings and Interactions at the level of UGC and MHRD
- Through the meetings of University Court, Academic Council, Executive Council, Finance Committee, Building Committee and academic bodies like Board of Studies and School Board.

**Any other information regarding Governance, Leadership and Management which the University would like to include.**

# **CRITERION-VII**

## **INNOVATIONS AND BEST PRACTICES**

## CRITERION-VII: INNOVATIONS AND BEST PRACTICES

### 7.1 ENVIRONMENTAL CONSCIOUSNESS

#### 7.1.1 Does the University conduct a Green Audit of its campus?

Green and beautiful campus of Central University of Haryana is located at Jant-Pali villages on Narnaul-Dadri State Highway which is at the distance of 12 Kms from Mahendergarh. The University campus is in its growing phase and presently it consists of four blocks (one block each for Academics, Administration, Girls Hostel and Boys Hostel), semi-permanent staff quarters, Vice Chancellor's cottage, Student Utility Centre, library, lawns and gardens, sports ground etc. Central Public Works Department (CPWD) has already submitted for Green Rating for Integrated Habitat Assessment (GRIHA) certification for the four permanent blocks.

University has got environmental clearance for the first and second phase of construction. University is following the concept of green buildings for the proposed construction and developmental activities of the University. The second phase of construction work includes academic blocks, administrative block, Vice-Chancellor's house, permanent staff quarters, central library, sports complex etc. and these are being constructed by National Buildings Construction Corporation Ltd. (NBCC) and CPWD.

To make the campus clean and green in tune with *Swachh Bharat Abhiyan*, the Eco Club, NSS, Youth Red Cross Units and *Unnat Bharat Abhiyan* (UBA) Cell of the University launch special campaigns with the participation of students and faculty. University organizes various environmental awareness and sensitization programmes for the students and local community of adopted villages.

The University is in the process of setting up a Green Audit Committee for carrying out the Green Audit of the Campus.

#### 7.1.2 What are the initiatives taken by the University to make the campus eco-friendly?

Some of the activities which are regular features of the University towards maintaining the green campus are as follows:

- i. Plantation drives in campus
- ii. Special lectures on environmental issues and "*Swachh Bharat Abhiyan*"

- iii. Cleanliness, Tree-Plantation and Sanitation drives in campus.
- iv. Formation of Eco-Club to create awareness regarding conservation of various resources.
- v. The University is also planning to set up a Herbal Garden with various species of medicinal plants in campus.
- vi. Department of Environmental Sciences organizes activities related to environment awareness.
- vii. The University has its own sewage treatment plant and treated water is used for horticulture.
- viii. Hostels are equipped with solar heater systems to save the energy and more and more use of solar energy is planned in the future for other buildings also.
- ix. The University is also planning for rainwater harvesting system.
- x. To reduce air pollution, NBCC is following the policy to minimize the air pollution and adopting best management practices for efficient water use during construction at construction site.
- xi. University is also using non-toxic, low-Volatile Organic Compounds (VOCs) paints/adhesives/sealants to improve the indoor air quality.
- xii. The University has got the grants of 4.5 Crores under Deen Dayal Upadhyaya Kaushal Kendra Scheme of UGC to run B.Voc programmes in Bio-Medical Techniques, Bio-Chemical Treatment and Industrial Waste Management Programme.

### **7.1.3 What are the initiatives taken by the University to make the campus eco-friendly?**

Following initiatives have been taken by the University to make the campus eco-friendly:

#### **7.1.3.1 Energy conservation:**

University is conscious of its commitment towards energy conservation and various initiatives are taken for conserving the energy. Some of these include—

- i. Replacement of conventional fluorescent tubes, incandescent bulbs and CFLs with LEDs to save great amount of energy in campus.
- ii. Installation of all electrical appliances with 5 Star BEE rating since the time the University has shifted to its permanent campus.
- iii. Hostel buildings make use of solar energy to meet the partial energy demand of campus.

- iv. The University fraternity follows the 'switch off' policy of the electrical appliances when not in use and ensures minimum use of air-conditioners (star-labeled) and energy consuming appliances in campus.
- v. Our buildings (classrooms, offices, labs etc.) are designed in such a way that maximum daylight can be used and the thermally insulated double glass units are being installed in all windows which reduces the air-conditioning load.

#### **7.1.3.2 Use of renewable energy:**

The University has installed solar water heating system that is sufficient to meet the demands of hot water supply in boys and girls hostel within the campus and we are following the same in the buildings to be constructed in future.

#### **7.1.3.3 Water harvesting:**

Lots of efforts have been done to conserve the water in buildings and its use in gardens and parks for plantation by adopting water recycling strategies. Water wastages are minimized by checking the leakages regularly. Rain water harvesting recharge pits are being provided at appropriate places for disposal/collection of roof top rain water of buildings & rain water from drains/pavement area in the campus. Pot irrigation techniques are being used to reduce water usage by plants. The sewage treatment plant has been installed and the treated water is reused in horticulture to reduce stress on water resources.

University is also planning for large-scale rain water harvesting system as a future project.

#### **7.1.3.4 Check dam construction:** Planned in Future Projects

#### **7.1.3.5 Efforts for carbon neutrality:** The following steps have been taken by the University:

- i. Thousands of plants of various species and varieties including decorative/ornamental, bushes, shrubs, etc. have been planted around the four building and residential areas of the campus during the last two years with the help of Forest and Horticulture Department, Mahendergarh, Haryana.
- ii. Use of fossil fuels is banned in the houses and hostels within the campus
- iii. Construction of two new garden cum park for beautification of the campus
- iv. University has declared the campus as "No Smoking Zone"
- v. Burning of plastic and other waste material has been banned

vi. New projects for hazardous waste and e-waste management are in pipeline \

#### **7.1.3.6 Plantation:**

The University has earmarked significantly large area for indigenous flora in Campus master plan. Large number of plants have been planted this year with tree guards.

#### **7.1.3.7 Hazardous waste management:**

The hazardous waste in the form of used chemicals from labs is diluted many times in water and disposed carefully. The University adopts the policy of minimal use of hazardous chemicals in labs.

#### **7.1.3.8 e-Waste management:**

All e-waste materials (old computers, CDs, Cartridges, electronic components etc.) are stored in separate room. After bulk collection, it is sold to authorized buyers of e-waste in accordance with the guidelines of Central Pollution Control Board.

#### **7.1.3.9 Any other (please specify)**

- i. In future, University is planning to make the campus 'polythene free' and the entry of cars and motorcycles shall be permitted in the restricted area only.
- ii. Plantation drives, Sanitation drives and Awareness rallies in the six adopted villages of the University.

#### **Celebration of World Environment Day in Partnership with Villagers:**

Central University of Haryana has taken proactive role in creating a healthy and ecologically sustainable campus. This year, University celebrated World Environment Day on 5<sup>th</sup> June 2015. On this occasion, various programmes like plantation drive, screening of a documentary on environmental issues, drawing competition (by students from elementary schools of adopted villages) and exhibition were organized. The event concluded with the lectures of eminent speakers on the issues concerning environmental awareness not only for the students but also for the villagers who were invited to participate in the event as special invitees.

The master plan of the University campus has been developed with the futuristic vision to minimize the impact on environment. Students and staff are educated towards minimizing



wastage of food, water and electricity, and keep the campus clean, green and healthy. All the University fraternity is environmental conscious and most of them use paperless E-resources/digital resources. With the active involvement of various cells, University is making an eco-friendly campus. Various cells and clubs of the University hold street plays, rallies, health and hygiene campaigns, and exhibitions to promote eco-friendly practices.

### **Formation of Eco-Club:**

University has constituted an Eco Club dedicated to environmental issues and to conduct sensitization and awareness programmes within and outside the campus. It aims to achieve the following objectives:

- i. Motivating the students to keep their surroundings green and clean by undertaking plantation of trees.
- ii. Promoting ethos of conservation of water by minimizing the wastage of water.
- iii. Motivating the students to imbibe habits and life style for minimum waste generation, source separation of waste and disposing the waste to the nearest storage point.
- iv. Educating the students to create awareness amongst public to stop the indiscriminate burning of waste.
- v. Sensitizing the University fraternity and neighbouring community to minimize the use of plastic bags, not to throw them in public places as they choke drains and sewers, cause water logging and provide breeding ground for mosquitoes.
- vi. Organizing drives on Tree Plantation, Cleanliness, Health, Hygiene and Sanitation at regular intervals.
- vii. Organising awareness programmes through quiz, essay-competition, painting competitions, rallies, models, exhibitions, street plays etc. on various environmental issues and educating the children about re-use of waste material & preparation of products out of waste.

### **Initiatives Taken By the University**

- i. Student's study material is provided in electronic format which has reduced the printing of these documents /manuals to reduce the consumption of paper.
- ii. Use of paper is also minimized in the day-to-day functioning of the University by using scanners and email facilities for electronic communication and online submission of documents.

- iii. Promoting the culture of innovations for Energy Harvesting and Environmental Management among the students, students from M.Sc. (Environmental Science), Mr. Sunil Kumar and his team prepared a working model of 'Future Car—A Hybrid Technology for Future' under the guidance of Dr. Mohini Singh (Asstt. Professor, Environmental Science). It demonstrates a car that uses a combination of renewable energy resources viz. solar, wind, sound and mechanical stress to replace fossil fuel for vehicle propulsion.
- iv. The Department of Environmental Science contributes in enhancing environmental awareness and requisite skills for environmental conservation by offering elective courses such as Foundation course in Ecology and Environment, General Environmental issues etc. to students of other departments.
- v. Plantation—As trees are an important part of the biosphere supporting the eco-system, a massive Plantation drive was launched on August 15, 2015 in which saplings were planted in the University Campus with the help of NSS volunteers.
- vi. The Sewage Treatment Plant has been installed in the campus for wastewater treatment and its subsequent reuse in order to reduce the stress on water resources.
- vii. Efforts are made for water conservation in buildings and gardens by adopting water recycling and minimization strategies are adopted.
- viii. The 'Waste to Resource' approach has been adopted in the campus for recycling of wood waste into useful decorative items.
- ix. The students and employees are encouraged to use bicycle in the campus for maintaining the pollution free environment.
- x. Sprinkler systems are also installed for garden irrigation in University Campus to have greater water savings.

### **Future Plans**

- i. To take 'Green Campus Initiative' by organizing 'Plantation Week' that would invite the participation of all Faculty members, students and administrative staff of the University.
- ii. To design a 'Composting Unit' for the management of solid waste generated in the University premises.
- iii. To implement 'Plastic Free Campus' drive in the University.
- iv. University plans to organize the series of lectures on 'Climate Change'.

- v. To organize Nature Trail in Wild Life Sanctuaries/Parks/Forest areas to know about the Bio-diversity such as Keoladeo National Park, Bharatpur (Rajasthan), Sultanpur Bird Sanctuary (Haryana), Jim Corbett National Park, Nainital (Uttarakhand), Sariska National Park, Alwar (Rajasthan).
- vi. To develop one 'Herbal garden' and 'Biodiversity park' for endangered species.
- vii. Installation of 'Water Harvesting Unit' and construction of 'Check Dams' in the University campus to recharge the ground water level.

**Environmental consciousness:** Celebration of important environment related days is the regular feature and these efforts are crucial to create a healthy and environmentally sustainable campus. As elaborated above, World Environment Day was celebrated in the University with bouquet of other programmes such as Plantation drive, documentary movie on environmental issues, drawing competition (by students from elementary schools of adopted villages) and extension lectures to sensitize and create environmental awareness.

## **7.2 INNOVATIONS**

### **7.2.1 Establishment of Centre for Entrepreneurship, Skills and Innovations that has performed following functions:**

- i. Students and faculty of the University took the initiative to make the 'best out of waste'.
- ii. Student innovator, Mr. Sunil, M.Sc., Environmental Science, designed a project "Future Car-Hybrid Technology for Future" which got wide appreciation in a National Exhibition and Symposium on Innovative and Futuristic Approaches in Science and Technology (iFast) on 26-28th Feb. 2014 held at Maulana Azad NIT, Bhopal.
- iii. Innovation Club published a booklet dedicated to the grassroots innovators and organized an exhibition based on the innovations on the occasion of the first Convocation of the University on March 1, 2014.
- iv. Organized *Shodh Yatra* in collaboration with National Innovation Foundation (May 22-23, 2014)
- v. Recently, on the occasion of Environment Day (5th June 2015), University organized an exhibition on the theme "Innovations and Environment".

### **7.2.2 Innovation with Nature :**

In tune with its vision and mission, University has always endeavoured to contribute to the environment by planting trees and making the campus neat and clean. University has always been in favour of sustainable development in harmony with nature and, therefore, a special committee is looking after University's initiatives towards "*Innovation with Nature*" by utilizing waste wood as a natural resource. The committee has successfully made the wooden decorative items with the waste and deformed dry woods. The market value of these waste materials was almost zero as it was not usable for making of furniture. That was the concept of optimum utilization of the natural resources, in which different accent tables, wall hangings, tree trunk garden furniture including garden benches made out from pallets, tree stump wooden stools and stump end tables, flower pitchers, vase, lighting accent with wreath of tree branches, decorative trees, books & book shelves, tree hangings, wooden outdoor garden swings, driftwood art, tree stump planters, wooden showcases etc. were prepared from waste wood using paints, clay and adhesives. Now the market value of these products is more than 1.5 lakh rupees. Committee has put all the items in the campus only after an exhibition and it is adding to the beauty of inner and outer campus. The work has resulted in bringing the students closer to the Mother 'Nature' and helping them learn the value and basis of recycling. In view of the appreciable work, the committee was awarded with Rs. 10,000/- by the University.

### **7.2.3 Promoting Science Education through Rashtriya Avishkar Abhiyan**

In pursuance of the focus on connecting school-based knowledge to life outside the school while making learning of Science and Mathematics a joyful and meaningful activity and to bring focus on innovation and use of technology, the Ministry of Human Resource Development has set up the *Rashtriya Avishkar Abhiyan* (RAA)- a convergent framework that aims at nurturing a spirit of curiosity and creativity, love for Science and Mathematics and application of technology amongst children and encourage those who show an inclination and talent for these subjects to heights of academic excellence and research.

The University is the first among all newly established central universities to launch the *Rashtriya Avishkar Abhiyan* with the involvement of schools of adopted villages, colleges and local communities. University has sent a proposal to Department of Science and Technology for certain grants. Though the grants are yet to be received, University has initiated the campaign with the organisation of a Science Exhibition for School students on 11<sup>th</sup> September 2015. Under the same programme, University is going to organise a Science

Conclave in the month of January 2016. It is being planned as a mega event attracting and inviting the participation of more than thousand participants. Besides, University is committed to extend all possible support to the Government Senior Secondary Schools in the adopted villages in establishment of Science Laboratories.

#### 7.2.4 Remedial Classes:

Since the day University got shifted to its permanent campus it is a regular feature of the University that the students voluntarily conduct free remedial classes in the evening for the school students from the neighbouring villages. This is a purely student-centric initiative.

#### 7.2.5 Innovators Meet

The University had organized State level Innovators Meet and Exhibition to promote grass root innovation with the help of National Innovation Foundation and Global Initiatives of Academic Network (GIAN). Eleven grassroots innovators exhibited their innovations. Hon'ble Governor, Chief Minister and Ministers were the chief guests on the occasion.

#### 7.2.6 Community Development through *Unnat Bharat Abhiyan*

The University is the first among all newly established central universities that has launched *Unnat Bharat Abhiyan* on large scale and proposed many activities for coming session and also initiated the following proposed initiatives launched/to be launched to realise the objectives of *Unnat Bharat Abhiyan*:

Sr. No.	Name of the Event	Venue	Date	Remarks
1.	Adoption of villages under <i>Unnat Bharat Abhiyan</i>	---	7 <sup>th</sup> July 2015	University has adopted six villages—Jant, Pali, Bhurjat, Dholi, Lawan and Malda.
2.	Formal Announcement of the proposed events of Community Development Cell in adopted villages by Hon'ble Vice	Central University of Haryana	15 <sup>th</sup> August 2015	Representatives of the adopted villages were invited and various issues were discussed on the occasion

	Chancellor			
3.	Plantation Drive in and around the University Campus	Central University of Haryana	15 <sup>th</sup> August 2015	The representatives from the adopted villages participated in the drive.
4.	Awareness Programme on the issues concerning education with special focus on women education	Jant-village— one of the adopted villages	5 <sup>th</sup> Sept. 2015	Dr. Meenu Goyal, Faculty from the Department of Biotechnology visited the village to motivate the villagers towards women education.
5.	Science Exhibition for the school children from the adopted villages in tune with <i>Rashtriya Avishkar Abhiyan</i>	In the University Campus	11 <sup>th</sup> September 2015	To demonstrate the working models and scientific experiments to the school students to inculcate scientific temper and to orient them towards basic sciences
6.	Aadhar Card Camp for the adopted villages under the banner of THE UNIVERSITY Legal-Aid Clinic	Central University of Haryana	September 2015	i. The villagers were transported to University Campus by University Bus ii. Dr. Ashok Dahiya, Chairperson, Sub-Division Legal Services Authority, and Block Development Officer, Mahendergarh was invited on the occasion to ensure the participation.
7.	Free Evening Coaching Classes for the school students from the neighbouring village-Jant	University Campus	Throughout the year	Coaching is provided by the teachers & motivated students of the University
8.	Awareness programmes on <i>Swachh Bharat Abhiyan</i> in the schools of adopted villages	Schools of Adopted Villages	24 <sup>th</sup> Sept. 2015	As part of NSS Day Celebration, NSS Units approached the adopted villages for sensitisation programme.
9.	Health, Sanitation and Hygiene Camp in all the adopted villages on the occasion of International Day of	In all the adopted villages	9 <sup>th</sup> Oct. 2015	Various programmes were organised in all the adopted villages. Resource Persons were invited from Hospitals, NGOs and

	Girl Child			organisations working on Health, Hygiene and Sanitation
10.	Blood Donation Camp with the participation of adopted villages	University Campus	15 <sup>th</sup> Oct. 2015	NSS and Youth Red Cross Units of the University organised the Blood Donation Camp
11.	Installation of Solar Panel-based Street LED lights in the adopted villages in phased-manner	In the adopted villages	In phased-manner	University shall initiate the installation of Solar street lights in the adopted villages with the support of District Rural Development Authority, Mahendergarh (at Narnaul)
12.	Soil and Water quality-testing in the adopted villages	The samples shall be collected from the adopted villages	December 2015	Department of Environmental Science, Microbiology, Geography and Chemistry shall conduct the testing in their respective labs.
13.	Organising the Science Conclave to be sponsored by the Department of Science and Technology, Government of Haryana	In participation with the school/college students of the neighbouring area	Proposed to be held in early 2016	University shall organise "Science Conclave" on having the financial support from the Government of Haryana
14.	Workshop on handicraft	For the villagers from the adopted villages	Jan. 2016	Women Empowerment Cell and Group for the Promotion of Art, Culture and Heritage shall coordinate with District Rural Development Authority to organise the workshop.
15.	Adopting strategies for waste-water reuse	With the focus on adopted villages	Feb. 2016	Department of Environmental Science, Microbiology, Geography and Chemistry shall contribute in this initiative.
16.	Awareness Programmes for improving the standards of education	In the adopted villages	At regular intervals (In the beginning of each	University shall initiate the awareness programmes with focus on formal as well as informal education along with counselling on job



			semester)	opportunities
17.	Short-term skill-based Courses including IT Applications, culinary skills, knitting, embroidery, stitching, pottery making, beautician-courses, animal husbandry, cooperative management etc.	For the aspiring students from the adopted villages	In the next semester	These courses shall run under <i>Deen Dayal Upadhyaya Kaushal Kendra</i> scheme awarded to the University
18.	Frequent visits by Community Development and <i>Unnat Bharat Abhiyan</i> Cell to the adopted villages to address the issues concerning cleanliness, sanitation, health, hygiene etc.	In the adopted villages	At frequent intervals	Community Development Cell, <i>Swachh Bharat</i> Cell and <i>Unnat Bharat</i> Cell shall coordinate for the same.
19.	Promoting agriculture and allied activities in the neighbouring areas	Particularly in the adopted villages	Starting from Jan. 2016	Department of Geography and Microbiology shall initiate the activities.
20.	Promotion of Bio-gas generation	Facilitating the infrastructure for bio-gas plants in coordination with concerned authorities	May be initiated in coming six months	Department of Chemistry, Environmental Science and Bio-Technology shall coordinate.
21.	Environment Awareness Campaigns	In the adopted villages	At regular intervals	Eco- Club of the University shall initiate and organise the awareness programmes.
22.	Awareness programmes regarding Rural Financing	In the adopted villages	At regular intervals	Department of Economics shall initiate the awareness programmes

**Planning:** University is planning to hold a meeting with the district administration to chalk out the issues and its implementation mechanism. University shall prepare its comprehensive Action-Plan in consultation with district authorities, respective gram panchayats and the

participating Departments/Cells/Centres of study. The same shall be communicated by the stipulated time.

**Coordination:** Coordinated efforts shall be made to implement the various initiatives proposed under *Unnat Bharat Abhiyan* as mentioned above.

**Funding:** University shall approach the concerned authorities as mentioned in the concept note to procure funding for the implementation of the proposed initiatives.

**Monitoring:** University shall ensure the monitoring of the proposed initiatives once in every quarter in coordination with other agencies.

### 7.3 BEST PRACTICES

#### 7.3.1 Initiatives for Development of Academic and Administrative environment

##### **Objectives of the Practice:**

- i. To strive to create a learning ambience with diverse cultural backgrounds and enhance students acquisition of useful knowledge, skills and analytical abilities through innovative teaching and holistic learning environment
- ii. Development of holistic personality of the students is the prime motive of the University and it believes in the ideology that scholarship is meant primarily for the cause and welfare of the students.
- iii. To constantly engage in capacity building measures for the faculty members, administrative and technical staff with the sole objective to enhance the academic and research environment and promotion of extension activities.

##### **The Context:**

There is a need of shifting in focus from teacher-centric to student-centric approach, which allows the students to choose innovative curriculum through, inter and multi-disciplinary courses, skill oriented papers. This will encourage more and more flexibility for students. It also makes education broad-based and at par with global standards. Choice Based Credit System (CBCS) provides mobility to our students. Faculty development programmes provide opportunities for the faculty to abreast themselves with latest innovative pedagogies, research methodology and professional skills by providing training through various programmes. It will encourage innovative thinking, incubate ideas, change mind-set and increase the employability of the students. There will be regular interactions between the academia and the industry. Tie-ups will be made with both public and private partners to provide vocational

and entrepreneurial training to the students. Special emphasis will be laid for developing soft skills of the students including communication, team building, leadership and domain skills.

### **The Practice**

Post dinner talks, verbal duels on relevant issues and open discussions etc. are regular features of the University. Science exhibitions are organized by science departments under *Rastriya Avishkar Abhiyan* especially for easy understanding of science, awareness, technical knowledge and inculcate scientific temper among school children of adopted villages.

Group discussions, Presentations and Quiz are regular features in the University, which results in improving the academic functioning of the University. Humanities, Social Sciences, Commerce and Management departments give more emphasis on group discussions and quizzes while Science departments give more emphasis on demonstration of scientific concepts.

Orientation courses of the faculty members and the administrative and technical staff are regularly conducted for ensuring smooth and efficient functioning of the University.

### **Multidisciplinary Approach and CBCS system:**

The University is following multi-disciplinary approach in all the Post Graduate and M.Phil. programmes. Choice Based Credit System (CBCS) was also visible in the pedagogy of the University since its beginning and is following it to provide academic freedom to students.

### **Scholarships for students**

Following are some of the Schemes provided/facilitated to the students.

#### **Scholarship to Differently-abled Students**

Differently-abled students face several physical, financial, psychological and mental barriers while pursuing their studies. At times, such students are deprived of harnessing their latent skills and thereby lose the opportunity to earn their livelihood and find a dignified place for themselves in the society. University is taking all kinds of infrastructural and monetary measures, which may bring all these students in the mainstream. It facilitates the students in getting fellowships and scholarships to differently-abled students provided by National Handicapped Finance and Development Corporation (NHFDC), Ministry of Social Justice & Empowerment, UGC and MHRD.

#### **Merit-cum-Means Scholarships by the University**

A Merit-cum-Means scholarships has been launched by the University for the meritorious students scoring the CGPA of 06.00 and above. The payment of the scholarship is governed by the rules of the University (amended from time to time).

### **Non-NET/JRF Fellowship to M.Phil./Ph.D. Scholars**

Non-NET/JRF Fellowships are provided to bonafide M.Phil./Ph.D. Scholars who are pursuing research as per UGC norms, subject to change from time to time. Currently, M.Phil. and Ph.D. students are given the Non-NET/JRF Fellowship @ Rs. 5000/- and Rs. 8000- per month, respectively.

### **Earn While You Learn Scheme**

University provides monetary help to poor and deserving bonafide students of the University under 'Earn While You Learn Scheme'. This scheme is being run to encourage and support the students from low income background and also to develop professional and leadership skills. Under the scheme, a student may be assigned a task for a maximum of 10 hours per week with the honorarium of Rs. 100 per hour before and after his/her classes. This includes assistance in Library, various Laboratories, Departments/Centres, Sections, Hostels and other areas where student may contribute and learn simultaneously.

### **Capacity Building:**

Central University of Haryana with its focus on the multidisciplinary approach strives hard for the development of overall personality of the students. University has established Career Counseling, Training and Placement Cell and Quality Management Cell for Skills and Proficiency Building and Opportunity Creation for ensuring quality education, skill developement and student placement in reputed organizations/institutes/NGOs. For the smooth functioning of the cell one faculty member from each department has been nominated. To oversee the functioning of the above said cell another apex cell i.e. *Quality Management Cell for Skills & Proficiency Building and Opportunity Creation* has been constituted. The cell is running UGC-NET classes for the Post Graduate/M.Phil./PhD students and special classes for various other competitive examinations like SSB.

### **Evidence of Success:**

Through various Social outreach and extension programmes including NSS, *Swachh Bharat Abhiyan*, *Unnat Bharat Abhiyan*, Community Development Cell, *Rashtriya Avishkar Abhiyan*. there has been large-scale participation of the students. The students of the University, through these programmes and activities, participated in various National, State and District level events and have brought laurels to the University.

Various scholarships being provided by the University to empower the deserving students particularly from the economically weaker sections have succeeded in achieving their objectives. This is reflected in the fact that a number of students have benefitted from these schemes and have pursued their studies also.

Different remedial, coaching classes and orientation programmes contributed towards enhancing the required knowledge and skill-sets of teaching, non-teaching and student community.

**Problems Encountered and Resources required:**

No efforts have been made for any kind of Academic Auditing, which poses a challenge in ensuring the overall academic development and also in identifying the areas, which require improvement for developing world-class teaching-learning facilities.

Another important challenge is implementing the academic reforms particularly in orienting and sensitizing the teaching, learning and non-teaching community particularly regarding the provisions and implementation of Choice Based Credit System (CBCS).

Being a newly established Central University with minimal infrastructure development, attracting the best talent in teaching and learning community is a major challenge.

**7.3.2 Digital India:**

**Objectives of the Practice:**

- i. To improve its administrative functioning, create a fair and transparent governance mechanism and a credible and result oriented feedback mechanism.
- ii. To ensure that all the student dealing is online.
- iii. To provide all student related issues, information and resources on the University website.
- iv. To provide e-learning facilities through Open Educational Resources and various MHRD schemes like INFLIBNET, e-PG Pathshala, NME-ICT, etc.

**The Context:**

The University needs to expedite the digitization process for bringing its entire functioning under the ambit of e-governance. For this the entire University needs to be linked through internet so that all the schools, departments and centres will be on a common network.

Apart from acquiring new and existing titles and increasing the subscription of Journals, one of the priority areas will be to link the library to the National Grid so that access to all the e-journals and e-books that are subscribed through INFLIBNET and its affiliated universities and institutions are also available to the University students. This will also result in saving precious national resources.

**The Practice:**

The University is following Digital India Campaign for e-Governance to improve its administrative functioning. Most of the administrative transactions of the University are computerized. The computerized processes include admissions, documentation, examination related works, financial matters (salaries, preparation of balance sheet, fee collection, etc.), administrative communication, notifications and circulars, library, and all other day to day functions. University believes in transparent administration and, therefore, it maintains a dynamic website which displays all the information which may be relevant for students, staff, parents and other stakeholders. To receive the feedback and to address the day-to-day problems of the students, University maintains its blog on University website. University is capable to provide useful information, including examination, information regarding any events, scholarships, syllabi, results, etc. on its website. Central Universities Act 2009, Ordinances, programmes offered, faculty profile, events, advertisements and other University related information is available on website of the University. The agenda and minutes of the meetings of University statutory bodies like Finance Committee, Academic Council and Executive Council are regularly put on the website.

All tenders, notices and advertisements are also posted on the University website. Since beginning, University is well-connected with National Knowledge Network (NKN).

We are living in the digital age and the University has digital library, which is fully computerized, and it provides the learning community all library services easily and effectively. University library has subscription of many Journals in print form as well as in e-

form and it has access to various e-journals and e-resources, etc. University library has automated system to track and borrow books.

**Evidence of Success:**

Almost the entire process of admission is online. All University updates, notifications, circulars, student performance evaluation system and most of the student related resources like library, e-resource centre, deposition of fees, etc. are through the University website. All student related forms and administrative Proforma are available on the University website.

Considering the information regarding vision, mission and objectives, courses, academic calendar, reservation policy, anti-ragging policy, number of seats, faculty position, cells and clubs and academic structure as very much crucial, University website provides each and every information that may keep the students informed including e-prospectus on University website.

The University has well maintained Internet Lab with all relevant software and facilities which is open even on holidays for the benefit of the students. University Library is connected with UGC-INFLIBNET Net Digital Library.

University campus is Wi-Fi enabled and every one in campus is connected with this network. All the departments, administrative block, residential area and hostels are connected to the campus network with good speed.

**Problems:**

Due to constraint of space there are only limited number of terminals available in e-resource centre and Computer Lab because of which a large number of students and research scholars have to wait for a long time to get access to the said resources.

The process of redesigning of a full-fledged dynamic website is in process, which has restricted the amount of information and utility features being offered through it.

Capacity building in the area of e-learning, e-resources and e-governance has to be given a fillip for which the logistics need to be worked out.





# PART-II

## EVALUATIVE REPORT





# CENTRAL UNIVERSITY OF HARYANA

(Jant-Pali, Mahendergarh, Haryana-123029)

## Self-Study Report

### Part-II

## EVALUATIVE REPORT

Submitted to

**National Assessment and Accreditation Council**

## For Accreditation (Cycle-I)

October 2015

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## Department of Biochemistry

- 1. Name of the Department:** Biochemistry
- 2. Year of establishment:** August 2015
- 3. Is the Department part of a School/Faculty of the university?**  
School of Interdisciplinary Life Sciences
- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
  1. PG
  2. Ph.D (Department of Biochemistry has been recently established and University has passed the ordinance in academic and executive council meeting regarding inclusion of PhD program from session 2016)
- 5. Interdisciplinary programmes and departments involved**  
Biochemistry department offers credit based generic elective course (GEC) to
  1. Biotechnology
  2. Microbiology
  3. Nutrition Biology
  4. Chemistry
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc.**  
Biochemistry department has been recently established and in the process of recruiting permanent faculties so as to gear up the process of collaborations.  
We are already in contact with international/national scientists working on stem cell therapy for cardiovascular diseases and will do required paper work once done with final faculty's recruitment.
- 7. Details of programs discontinued, if any, with reasons**  
No
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
Semester (IV) & Choice Based Credit System
- 9. Participation of the department in the courses offered by other departments**  
Yes (Microbiology, Biotechnology, Nutrition Biology)
- 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	00	00
Associate Professors	02	00	00

<b>Asst. Professors</b>	04	02*	00
<b>Others</b>	00	00	00

\*Contractual

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>	<b>No. of Ph.D./M.Phil. Students guided for the last 4 years</b>
Dr Sanjay Kumar	Ph.D.	Head/TIC	Stem cell therapy to Cardiovascular disease, Cancer	10 (Postdoctorate USA)	0
Dr Navrinder Kaur	Ph.D.	Assistant Professor	Radiation Oncology, Zebrafish toxigenomics	1.5 (Postdoctorate ASTAR, Singapore)	0

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

Biochemistry department has been recently established and will have in near future

**13. Percentage of classes taken by temporary faculty – programe-wise information**

100%

**14. Programme-wise Student Teacher Ratio**

M.Sc.- 7:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Biochemistry department has been recently established and in the process of recruiting support staff

**16. Research thrust areas as recognized by major funding agencies**

Stem cell therapy for Cardiovascular Diseases

1. Pharmacological Preconditioning (treatment with drug) of Stem Cells/Mice/Rat with Tadalafil, a Phosphodiesterase Inhibitor to increase their survival/cardioprotection against ischemic stress.

*In vivo* ischemic model made by ligating LAD (left anterior descending coronary artery) and another IR (ischemia/reperfusion) model by ligating LAD for 30 min and followed by reperfusion by releasing the knot. The aim was to elucidate molecular mechanisms/signaling pathways involved in early and late phase of protection, if there any.

2. Regulation of cell cycle under ischemic condition in stem cell and to determine the role of



hypoxamir miRNA210 in it.

3. Neuro-inflammation

**17. Number of faculty with ongoing projects from**

Department of Biochemistry has been recently established and in process of submitting projects once permanent faculty recruitment process will over.

<b>National</b>	NA
<b>International funding agencies and</b>	NA
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	NA

**18. Inter-institutional collaborative projects and associated grants received**

Department of Biochemistry has been recently established and planning to have collaborative projects international/national once permanent faculty recruitment process will over.

<b>National collaboration</b>	NA
<b>International collaboration</b>	NA

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Department of Biochemistry has been recently established and planning to submit projects soon.

**20. Research facility / center with**

Department of Biochemistry has been recently established and will have soon in future.

<b>State Recognition</b>	NA
<b>National Recognition</b>	NA
<b>International Recognition</b>	NA

**21. Special research laboratories sponsored by / created by industry or corporate bodies**

NA

**22. Publications:**

<b>Number of papers published in peer reviewed journals (national / international)</b>	15
<b>Monographs</b>	00
<b>Chapters in Books *</b>	00
<b>Edited Books</b>	00
<b>Books with ISBN with details of publishers</b>	01 HIC-I in Tumorigenesis: Tumor suppressor gene

	(Book). Scholar's press, ISBN: 978-3-639-76130-6
<b>Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	16
<b>Citation Index – range / average</b>	118
<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	2.5- 14.5
<b>h-index</b>	00

**23. Details of patents and income generated**

Department of Biochemistry has been recently established and will do in future once permanent faculty recruitment is over.

**24. Areas of consultancy and income generated**

Department of Biochemistry has been recently established and will do in future once permanent faculty recruitment is over.

**25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad**

02

**26. Faculty serving in**

<b>National committees</b>	NA
<b>International committees</b>	NA
<b>Editorial Boards</b>	01
<b>Any other (please specify)</b>	01 (Science Publishing groups and other journals)

**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Department of Biochemistry has been recently established and will go in future once permanent faculty recruitment is over.

**28. Student projects**

We will involve students in these activities from next semester

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	NA
<b>Percentage of students doing projects in collaboration with ther</b>	NA

<b>universities industry / institute</b>	
--	--

29. Awards / recognitions received at the national and international level by

Faculty	10
Doctoral / post doctoral fellows	NA
Students	NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.

Two International Conferences and 20 scientific lectures funded by DST, DBT, ICMR

31. Code of ethics for research followed by the departments

Department of Biochemistry has been recently established and planning to design code of ethics for research.

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>Session 2015-16</b>					
MSc Biochemistry	74	2	12	NA	NA

33. Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2015-2016</b>				
MSc Biochemistry	0	10	4	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Department of Biochemistry has been recently established and so far did not appear for any examination.

General	NA
OBC	NA
SC	NA
ST	NA
Total	NA

**35. Student Progression**

Department of Biochemistry has been recently established and running first semester for the first batch of PG course.

<b>Student Progression</b>	<b>Percentage against enrolled</b>
<b>UG to PG</b>	NA
<b>PG to M.Phil.</b>	NA
<b>PG to Ph.D.</b>	NA
<b>Ph.D. to Post-Doctoral</b>	NA
<b>Employed</b>	NA
• <b>Campus selection</b>	NA
• <b>Other than campus recruitment</b>	NA
<b>Entrepreneurs</b>	NA

**36. Diversity of Staff**

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	0%
<b>from other universities within the State</b>	0%
<b>From universities from other States</b>	100%
<b>From universities outside the country</b>	0%

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

None

**38. Present details of departmental infrastructural facilities with regard to**

<b>Library</b>	01
<b>Internet facilities for staff and students</b>	Yes
<b>Total number of class rooms</b>	01
<b>Class rooms with ICT facility</b>	01
<b>Students' laboratories</b>	01
<b>Research laboratories</b>	NA

**39. List of doctoral, post-doctoral students and Research Associates**

Department of Biochemistry has been recently established

<b>From the host institution/university</b>	NA
---	----

From other institutions/universities	NA
--------------------------------------	----

**40. Number of post graduate students getting financial assistance from the university.**

None

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, Board of studies (BOS) was made which includes members from different reputed institutions along with Biochemistry faculty of Central University of Haryana

[Dr Sanjay Kumar, Department of Biochemistry, CUH](#)

Dr Navrinder Kaur, Department of Biochemistry, CUH

Prof. Vijay K. Chaudhary, Dept. of Biochemistry, UDSC

Prof. V.K. Gupta, Dept. of Biochemistry, KUK

Dr. Amita Gupta, Dept. of Biochemistry, UDSC

Prof. S.K. Khare, IIT, Delhi

Prof. C.S. Pundir, Emeritus Scientist, MDU

**42. Does the department obtain feedback from**

Department of Biochemistry has been recently established and in process of obtaining feedback in every field on monthly basis.

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	NA

**43. List the distinguished alumni of the department (maximum 10)**

Department of Biochemistry has been recently established and running first semester of previous batch of master program.

NA

**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Department of Biochemistry has been recently established and going to organize series of lectures by renowned faculties/ scientists and workshop simultaneously

**45. List the teaching methods adopted by the faculty for different programmes.**

- Lecture Method
- Tutorials

- Practical
- Smart Class
- Presentations
- Notes

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

- Sessional Exams
- Semester Exams
- Seminars
- Practical Exams

**47. Highlight the participation of students and faculty in extension activities.**

- Youth Festival
- Swatch Bharat abhiyan
- Red Cross Society
- NSS Camps

**48. Give details of “beyond syllabus scholarly activities” of the department.**

Department of Biochemistry has been recently established and planning to involve students in it due course of time.

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

Department of Biochemistry has been recently established and going to be accredited soon

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Department of Biochemistry has been recently established and planning to work in this area soon.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

#### **Strength**

- Faculties working on diverse area of research including currently booming field of “stem cell therapy” and cancer.
- Faculties had academically excelled in all national/international level examination
- Students are selected through all India entrance examination called CUCET to ensure diversity in screening
- Department is well funded to run different programs and also faculties are in process of writing grants.
- Biochemistry department has vision to establish a separate stem cell institute one of its type in India

#### **Weakness**

- Lack of faculties but we are in a process of recruiting and hopefully it will be done by 2015
- Department of Biochemistry has been recently established so as of now we in process of establishing department and laboratory.



- iii. As of now no collaborated with any other Universities national or international but it will be done once faculty recruitment is over.
- iv. Multidisciplinary research is lacking so we will work on it soon.
- v. Advanced infrastructure is lacking

### **Opportunities**

- i. It's being a new department with faculty's research filed is broad, and in most recent fields like stem cell, cancer etc so as to provide students opportunities to involve themselves and link with current hot topics.
- ii. The university opted for Choice-Based Credit System so students can opt for various generic electives depending upon their interest to extend their knowledge barrier.
- iii. Maintaining the rigor in the department so as to attract the students from prestigious universities
- iv. Being new department we have ample opportunity for collaboration
- v. Being a newly opened department we can have more UGC grants to establish lab facility.

### **Challenges**

- i. Being a newly open department, we are currently in short of faculties but we are working on it and will be sorted out soon.
- ii. Securing grant
- iii. Establishing well equipped laboratory
- iv. Technical staff
- v. Infrastructure is not well in shape

### **52. Future plans of the department.**

- Establishment of stem cell facility/institute
- Writing grants and secure funds to match international standard in research
- Collaborative initiatives with prestigious organisations
- Student-exchange programmes
- Series of Extension Lectures by the Eminent Professors
- Engaging Visiting Professors/Adjunct Faculty
- Organising Seminars/Conferences/Workshops at regular intervals

## Department of Biotechnology

1. **Name of the Department:** Biotechnology
2. **Year of establishment:** 2015
3. **Is the Department part of a School/Faculty of the university?**  
Yes! School of Applied Sciences
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., D.Sc., D.Litt., etc.)**  
M.Sc. (Since 2015)
5. **Interdisciplinary programmes and departments involved**  
General Elective Course in Environmental Science  
Department of Environmental Science
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**  
The Department has been established very recently (July 2015) and is planning to have inter-institutional/industry collaboration for developing some courses.
7. **Details of programmes discontinued, if any, with reasons**  
Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
Semester & Choice Based Credit System
9. **Participation of the department in the courses offered by other departments**  
Yes! The students from Department of Biotechnology are taking General Elective Course from Department of Environmental Science
10. **Number of teaching posts sanctioned, filled and actual**

	Sanctioned*	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	04	02	00
<b>Others<sup>#</sup> (Vice Chancellor)</b>	01	01	01

\* The recruitment process for permanent faculty is in process and the advertisement has already been done for the same.

<sup>#</sup> Vice Chancellor, Prof. R. C. Kuhad, has research interests of Microbiology and Biotechnology and therefore he has been affiliated with both the departments

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Students guided for the last 4 years
Rishi Gupta	Ph.D	Assistant Professor	Industrial Biotechnology	2.5 years research and 2 months (continued)	0
Meenu Goyal	Ph.D	Assistant Professor	Plant Biotechnology	2 months (continued)	0

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

Department of Biotechnology is a newly established department and we are planning to get in touch with some eminent scientists to join the department as Visiting Fellows/Adjunct faculty/emeritus professors

**13. Percentage of classes taken by temporary faculty – programme-wise information**

100%. All the classes are being taken by temporary faculty only. However, the advertisement for regular faculties has already been done and the process of short-listing the applications received is in process. It is expected that the Department will soon have its regular faculties.

**14. Programme-wise Student Teacher Ratio**

15 students: 2 teachers

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Till now the Department doesn't have any support staff, however, University is in process to get these posts approved from UGC and soon the advertisement for such non-teaching posts will be done

**16. Research thrust areas as recognized by major funding agencies**

- I. Industrial Biotechnology
- II. Genetic Engineering

**17. Number of faculty with ongoing projects from**

<b>National Agency</b>	<b>4 (Four)-Prof. R C Kuhad</b>
<b>International funding agencies and</b>	The Department is a nascent one and the faculties are planning to submit few proposals to the funding agencies.
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	<b>Annexure 1</b>

**18. Inter-institutional collaborative projects and associated grants received**

<b>National collaboration</b>	<b>3 (Three)-Prof. R.C. Kuhad (Annexure 2)</b>
<b>International collaboration</b>	Since Department of Biotechnology is a newly established department, we are planning to have collaborations with other institutions

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

The Department is planning to have fund for establishment under DBT-Builder's scheme and the preparation of the document for the same is under process.

**20. Research facility / centre with**

<b>State Recognition</b>	The Department till date has no such recognition, however University is planning to have some Centre of excellence in Biotechnology related areas
<b>National Recognition</b>	
<b>International Recognition</b>	

**21. Special research laboratories sponsored by / created by industry or corporate bodies**

Since we are a new department, we have displayed an advertisement on University's website for interested companies/industries to develop our laboratories in terms of instruments on rent basis.

**22. Publications:**

**Prof. R. C. Kuhad**

<b>Number of papers published in peer reviewed journals</b>	138
<b>Monographs</b>	00
<b>Chapters in Books</b>	33
<b>Edited Books</b>	04
<b>Books with ISBN with details of publishers</b>	04
<b>Number listed in International Database</b>	138
<b>Citation Index – range / average</b>	>4040
<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	IF average: 3.0
<b>h-index</b>	h-index: 33

**Dr. Rishi Gupta**

<b>Number of papers published in peer reviewed journals</b>	19 (Nineteen)
<b>Monographs</b>	00
<b>Chapters in Books</b>	09
<b>Edited Books</b>	00
<b>Books with ISBN with details of publishers</b>	00
<b>Number listed in International Database</b>	19
<b>Citation Index – range / average</b>	
<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	3.4
<b>h-index</b>	11

**Dr. Meenu Goyal**

<b>Number of papers published in peer reviewed journals</b>	One
<b>Monographs</b>	00
<b>Chapters in Books *</b>	00
<b>Edited Books</b>	00
<b>Books with ISBN with details of publishers</b>	00
<b>Number listed in International Database</b>	01
<b>Citation Index – range / average</b>	0
<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	(NAAS rating- 3.88)
<b>h-index</b>	Not yet calculated

**23. Details of patents and income generated****Prof. R. C. Kuhad**

1.	<b>Title</b>	Method of producing alkalothermostable xylanase from <i>Bacillus pumilus</i> MK001 by solid state fermentation
	<b>File No</b>	<b>IN 984 DEL 2008</b>

	<b>Status</b>	<b>Under examination</b>
2.	<b>Title</b>	A process for production of fermentation sugars from lignocellulosic substrates
	<b>File No</b>	<b>IN 1348DEL2011</b>
	<b>Status</b>	<b>Under process</b>
3.	<b>Title</b>	A Bioconversion method to improve nutritional properties of lignocellulosic residues
	<b>File No</b>	<b>IN 4039DEL2012</b>
	<b>Status</b>	<b>Under Process</b>
4.	<b>Title</b>	A novel process for biobleaching of kraft pulps employing laccase and xylanase enzymes and oxygen as mediator.
	<b>File No</b>	<b>IN2944/DEL/2013</b>
	<b>Status</b>	<b>Under Process</b>

**Dr. Rishi Gupta**

<b>Title</b>	A process for production of fermentation sugars from lignocellulosic substrates
<b>File No</b>	<b>IN 1348DEL2011</b>
<b>Status</b>	<b>Under Process</b>

**24. Areas of consultancy and income generated**

Nil

**25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad**

Nil

**26. Faculty serving in**

<b>National committees</b>	<b>Annexure 3</b>
<b>International committees</b>	
<b>Editorial Boards</b>	
<b>Any other (Reviewer)</b>	

**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

**Dr. Rishi Gupta**

<b>S. No.</b>	<b>Programme</b>	<b>Duration</b>	<b>Organised by</b>
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1.	TEQUIP-II Sponsored Workshop On Modern Biotechnology: Applications of Micro-Nano Technology Systems (MB-AMNTS) December 05 to 11, 2013	7 days	NIT Durgapur & CMERI-CSIR Durgapur
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**28. Student projects**

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	The Department is in the initial stages of its establishment and soon will have a well equipped laboratory.
<b>Percentage of students doing projects in collaboration with other universities industry / institute</b>	And since the project work “Dissertation” is the course in 4 <sup>th</sup> semester, right now this is not applicable for our department

**29. Awards / recognitions received at the national and international level by**

<b>Faculty</b>	<b>Annexure 4</b>
<b>Doctoral / post doctoral fellows</b>	Nil
<b>Students</b>	Nil

**30. Seminars/Conferences/Workshops organized and the source of funding (national/ International) with details of outstastation participants, if any.**

Since this is a newly established department, we have not yet organized any seminar/conference/workshop till now. However, we in collaboration with other science departments have proposed to organize two days ‘Science Conclave’ to Department of Science and Technology, Haryana.

**31. Code of ethics for research followed by the departments**

Yes, the University has strict rules to follow code of ethics

- Approval from competent authority is prerequisite in the lab for experiments and entries of items in registers are mandatory.
- Department ensures conduct of Laboratory and Bio safety practices and proper use of instruments.
- It is a prerequisite for all research works to pass through the plagiarism check before submission of dissertation/thesis.

**32. Student profile programme-wise (2015-16):**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
PG	64	3	12	Continuing	Continuing



PhD	16	-	-	-	-
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**33. Diversity of students (2015-16)**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc.	0	12	3	0

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

General	Nil
OBC	Nil
SC	Nil
ST	Nil
Total	Nil

**35. Student Progression**

Student Progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	Nil
• Campus selection	Nil
• Other than campus recruitment	Nil
Entrepreneurs	Nil

**36. Diversity of Staff**

Percentage of faculty who are graduates of:	
From same university	0%
from other universities within the State	0%
From universities from other States	100%
From universities outside the country	0%

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

**Two (02)**

Name	Year of PhD awarded	University
Dr. Rishi Gupta	2013	University of Delhi South Campus, New Delhi
Dr. Meenu Goyal	2014	CCS HAU, Hisar

**38. Present details of departmental infrastructural facilities with regard to**

<b>Library</b>	Since the department is very new, we are planning to have a departmental library
<b>Internet facilities for staff and students</b>	Yes, the campus is Wi-Fi enabled
<b>Total number of class rooms</b>	01
<b>Class rooms with ICT facility</b>	Yes, all the class rooms have ICT facilities.
<b>Students' laboratories</b>	01
<b>Research laboratories</b>	The Department has plannings to have functional research laboratories in the new Academic building, which is under construction and soon will be ready.

**39. List of doctoral, post-doctoral students and Research Associates**

<b>From the host institution/university</b>	The applications for doctoral positions for the department has already been called, however, as soon the department has its permanent faculties, it will start admitting them.
<b>From other institutions/universities</b>	

**40. Number of post graduate students getting financial assistance from the university.**

One student, Mr. Deepak Tudu, has applied for financial assistance under the 'Earn While Learn' Scheme.

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Since the department is in its nascent stages, we have not yet done any need assessment exercise. However, the department is planning to interact with students/parents to assess the need of programmes and based on that, the proposal for each course will be considered and proposed for approval before Academic bodies of the university.

**42. Does the department obtain feedback from**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, The Department is planning to conduct such exercise on quarterly basis
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	

**43. List the distinguished alumni of the department (maximum 10)**

The Department has no passed out batch and thus has no alumni

**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

The Department is in very nascent stage and is planning organise such events

**45. List the teaching methods adopted by the faculty for different programmes.**

- Lecture with discussion
- Case Studies
- Class discussion
- Power Point Presentations
- Assignment

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

The department will ensure that the syllabi designed has been taught in time with intermittent assignments, discussions, seminars and written test to meet the program objective and monitor the learning outcomes. Moreover the department will also ensure its outcomes by considering and evaluating feedback from student/parents and faculty members.

**47. Highlight the participation of students and faculty in extension activities.**

Dr. Meenu Goyal has organized an Education Awareness Program with special emphasis on Women Education on 5<sup>th</sup> September 2015 in Village Jant, Mahendergarh, Haryana.

**48. Give details of “beyond syllabus scholarly activities” of the department..**

Dr. Meenu Goyal has organized an Education Awareness Program with special emphasis on Women Education on 5<sup>th</sup> September 2015 in Village Jant, Mahendergarh, Haryana.

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

No

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

The department is proposing Ministry of Human Resource development (MHRD) for sanctioning the project to develop a course on Microbial Biotechnology under the scheme ‘GLOBAL INITIAL ACADEMIC NETWORK (GIAN)’ to develop and gain new knowledge in the area.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strength**

- i. Highly qualified, trained and experienced faculty members
- ii. Faculty with diverse areas of teaching and research interests
- iii. Students from diverse ethnic background
- iv. Encouraging students’ progression in higher education
- v. CBCS system to encourage interdisciplinary approach

### **Weakness**

- i. Lack of collaboration with other academia/industry
- ii. Less faculty members
- iii. Department has not collaborated with any other University
- iv. Lack of developed research laboratory
- v. Lack of advanced infrastructure

### **Opportunities**

- i. It being a new University, there are the opportunities for devising and exploring innovative pedagogies and curriculum as per the needs of the hour.
- ii. Department can harness the opportunity to engage itself in multidisciplinary research environment with the Choice-Based Credit System being in force in the University.
- iii. Maintaining the rigor in the department so as to attract the students from prestigious universities
- iv. To Collaborate with other national and international Institution
- v. To develop student exchange program with other institutional

### **Challenges**

- i. Maintaining the competitive environment in the department with the students coming from diverse backgrounds
- ii. Development of well equipped laboratory
- iii. Develop advanced infrastructure of the department in a shorter span of time
- iv. Attract good quality student having high merits to get admission in our department
- v. To fetch financial grants from funding agencies to develop infrastructure and laboratory facilities

### **52. Future plans of the department.**

- Development of departmental library
- Development of Central Instrumentation Facility for high end instruments
- Development of Inter-institutional research Collaboration
- Enrich the department with some eminent scientists to join the department as Visiting Fellows/Adjunct faculty/emeritus professors
- Submit proposals to the funding agencies for research programmes and establishment of department
- Develop a Centre of excellence in Biotechnology
- Organizing Seminars/Conferences/Workshops at regular intervals

### Annexure 1

**Prof. R. C. Kuhad**

Title/Description	Sponsoring organization	Funding Amount
Development of pretreatment strategies and bioprocess for improved production of cellulolytic enzymes and ethanol from crop byproduct for demonstration at pilot plant	MNRE	Rs. 1,48,47,400.00
Development of seaweeds biorefinery and pilot demonstration of bioethanol	DBT	Rs. 74,82,000.00
Production of e-content courseware on post graduate subjects	UGC	Rs. 1,12,00,000.00
DBT Virtual Enzyme Centre- Development of Enzyme formulation for treatment of lignocellulosic biomass	DBT	Rs. 85,75,000.00

### Annexure 2

**Prof. R. C. Kuhad**

S. no.	Title of project	Funding Agency	Collaborating Institutes	Associated grant received
1.	Development of seaweeds biorefinery and pilot demonstration of bioethanol production	DBT (Ongoing)	Department of Botany, University of Delhi	74,82,000.00
2.	DBT Virtual Enzyme Centre-Development of enzyme formulations for treatment of ligno-cellulosic biomass	DBT (Ongoing)	School of Life Sciences, JNU, New Delhi; DBT-IOC, Faridabad;  IIT Madras, Chennai;  Anna University, Chennai	4,50,35,000.00

### Annexure 3

**Prof. R. C. Kuhad**

**(A) National Committees**

**(a) Representation in Statutory Bodies of Universities/Institutions**

**(i) Governing Council/Planning Board/Executive Council/Academic Council etc**

- **Mamber, Academic Council** of Cochin University of Science and Technology, Kochi
- **Member Planning and Monitoring Board**, National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Sonapat, Haryana (2013-2014)
- **Member, Governing Council**, Inter-University Accelerator Centre, New Delhi (2013-2015)
- **Chairman, Central Pool Grievance Committee**, University of Delhi, Delhi (2011-2015)
- **Member Executive Council**, Deenbandhu Chhotu Ram University of S & T, Murthal, Haryana

(2011-2013).

- **Member Executive Council**, Guru Jambheshwar University of S & T, Hisar, Haryana (1999-2010).
- **Member Academic Council**, Deenbandhu Chhotu Ram University of S & T, Murthal, Haryana (2008-2010).
- **Member Academic Council**, Jawaharlal Nehru University, Delhi (2006-2008).
- **Member Academic Council**, University of Delhi, Delhi (2005-2008)
- **Member Executive Committee** of Goyal award, Kurukshetra University (2004-2005).
- **Member Court**, Guru Jambheshwar University of Science and Technology, Hisar, Haryana (1999-2002).
- **Member Establishment Committee**, Guru Jambheshwar University of Science and Technology, Hisar, Haryana (2000-2003; 2007-2010).
- **Member Establishment Committee**, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Haryana (2012-2013)
- **Member Advisory Committee**, Centre with Potential for Excellence, University of Mysore, Mysore (2013)
- **Member, Academic Audit Committee**, Guru Jambheshwar University of S & T (2013 onwards)
- **Member, Academic Audit Committee**, Kurukshetra University, Kurukshetra (2013 onwards)

**(ii) P.G. Board/Research Committee etc**

- **Chairman U.G. and PG Board of Studies** in Biotechnology, Kurukshetra University, Kurukshetra (2003-2005).
- **Convenor Adhoc Board of Studies** in Biotechnology and Applied Sciences, Kurukshetra University, Kurukshetra (2003-2005)
- **Convenor Adhoc Board of Studies** in Chemical/Mechanical/civil engineering, Kurukshetra University, Kurukshetra (2003-2005)
- **Member, Board of Research Studies**, Faculty of Inter-disciplinary and Applied Sciences, University of Delhi (2001-2003; 2005-2008; 2013-2015)
- **Member, P.G. Board of Studies in Microbiology**, M.D. University, Rohtak, Haryana (2013-2015)
- **Member, Board of Studies in Microbiology**, Maharaja Ganga Singh University, Bikaner (2014-2016)
- **Member Board of studies** in Biotechnology, Chaudhary Devi Lal University, Sirsa (2004-2006)
- **Member, Board of studies in Biotechnology**, Himachal Pradesh University, Shimla (2008-2010)
- **Chairman Course committee** on Faculty of Interdisciplinary and Applied Sciences, University of Delhi South Campus, New Delhi (2006-2008).
- **Member Committee of Courses in Microbiology**, U. D. S. C. New Delhi (1988-continue).
- **Member**, P.G. Board of Studies in Microbiology and Biotechnology, M.D.U, Rohtak (2009-2010)
- **Chairman, Research Degree Committee**, Department of Microbiology, University of Delhi south Campus, New Delhi (2005-2008).
- **Member, Departmental Research Committee**, Faculty of Medical Sciences, University of Delhi, Delhi (2013-2015)
- **Member, Departmental Research Committee**, Department of Microbiology, University of Delhi South Campus (1988- continue).
- **Member Departmental Research Committee**, Department of Zoology, University of Delhi

(2013-2014)

- **Member Reserch Development and Patent Council Advisory Committee**, MD University, Rohtak, Haryana (2014-2016).
- **Member, Research Degree Committee**, Department of Microbiology, CCS University, Meerut (2009-2011)

**(iii) Governing Body of Colleges**

- **Chairman, Governing Body**, Acharya Narendra Dev College, University of Delhi, Delhi (2013 onwards)
- **Chairman, Governing Body**, Saheed Bhagat Singh College, University of Delhi, Delhi (2013 onwards)
- **Member Governing Body**, Devanga Arts College, Virudhnagar, Tamilnadu (2012-2018)
- **Member Governing Body**, Acharya Narendra Dev College, University of Delhi, Delhi (2013-2014).
- **Member Governing Body**, Dayal Singh College, University of Delhi, Delhi (2010-2011).
- **Member Governing Body**, P.G.D.A.V college, University of Delhi, Delhi (2006-2007; 2010-2012; 2014-2016)
- **Member Governing Body**, Ram Lal Anand College, University of Delhi, Delhi (2012-2014).
- **Member Governing Body**, Rani Amrit Kaur College of Nursing, University of Delhi, Delhi (2010-2011).
- **Member Governing Body**, Saheed Bhagat Singh College, University of Delhi, Delhi (2006-2010; 2014-2016).
- **Member Governing Body**, Sri Aurobindo college, University of Delhi, Delhi (2005-2006)

**(iv) Disciplinary/Inspection/Biosafety Committee etc**

- **Coordinator Visiting Team for smooth conduct of Examinations**, University of Delhi South Campus (1998-1999, 1999-2000 and 2000-2001).
- **Member Standing Committee** on Course Committee University of Delhi (2006-2008)
- **Member, Inspection Committee** for the feasibility of imparting UG/PG/Super specialty courses in Departments/Institutes/Hospitals of Delhi under Faculty of Medical Sciences, University of Delhi (2013-2014).
- **Member Examination disciplinary Committee**, University of Delhi South Campus (1999-2001).
- **Member Secretary Institutional Biosafety Committee**, University of Delhi South Campus (2006-2008)
- **Member, Bio-safety Committee**, J.P. Institutes of Science and Technology, Noida, U.P. (2010-2012)
- **Member, Biosafety Committee**, Daiichi Sankyo, Gurgaon (2010-2013)
- **Member, Board of Residence**, Health and Discipline, University of Delhi, Delhi (2013-14)

**(b) Representation in state/National-level bodies:**

- **Chairman, Expert Committee, UGC** for on spot assessment of programmes, faculty, infrastructural facilities, financial viability, etc in respect of Babu Banarsi Das University, BBD City, Lucknow, UP
- **Chairman, Expert Committee, UGC** for on spot assessment of programmes, faculty, infrastructural facilities, financial viability, etc in respect of The Rai University, Saroda, Dholka Taluka ahmedabad, Gujarat
- **Chairman, Expert Committee, UGC** for on spot assessment of programmes, faculty,



infrastructural facilities, financial viability, etc in respect of Mother Teresa Women's University, Kodaikanal

- **Chairman, Expert Committee, UGC** for on spot assessment of programmes, faculty, infrastructural facilities, financial viability, etc in respect of O P Jindal Global University, Sonapat
- **Chairman, Mid-Term Monitoring Committee of UGC's UPE** scheme for on the spot assessment of Banaras Hindu University, Varanasi, UP
- **Chairman Expert Committee** for coordinating the development of model curricula for undergraduate course under the Choice Based Credit System by UGC.
- **Chairman**, Subcommittee of the standing committee for the task of production of courseware e-content for post-graduate subjects by University Grant Commission, New Delhi (2013-2014)
- **Member Committee**, UGC for taking a view as to whether the Monograph can be considered as a full-fledged publication for the purpose of promotion of a Reader to Professor under career Advancement scheme.
- **Member, Advisory Committee**, Consortium for Education Communication (CEC), New Delhi
- **Member, Expert Committee** to formulate guidelines for Non-Net Fellowships
- **Member Advisory Committee** for devising the roadmap for launching the courses approved by UGC under B. Voc/Community College and KAUSHAL Kendra scheme
- **Member, Implementation and monitoring Committee** for MOOC's content, under the Chairmanship of Prof. Bhaskar Ramamurthi, Director, IIT Madras
- **Expert, Microbiology/Zoology/Entomology for a meeting** for selection of the candidates under PDFs for the year 2015-17, Research Award scheme for 2016-2018 and Emeritus fellowship scheme for 205-2017
- **Nominee of the UGC on the Search Committee** for preparation of a panel of names for the appointment of Vice-Chancellor of Potti Sriramulu University, Hyderabad
- **Member-UGC Standing Committee** on developing courseware E-content for P.G. subjects (2012-2014).
- **Expert Member, Steering Committee** for the Center of Excellence Program of the Ministry of Environment and Forest, Govt. of India at CEMDE, University of Delhi, Delhi (2005-onwards).
- **Member- Task Force of Animal Biotechnology, DBT**, Government of India, New Delhi (2010-2013)
- **Member**, APEX Committee for North-Eastern Region (Environmental Biotechnology and Allied areas) constituted by DBT, Ministry of Science and Technology, Government of India (2013-2015)
- **Co-Chairman**, Expert Committee, of the Twinning Program for N-E Region (Environmental Biotechnology and Allied areas) by DBT, Ministry of Science and Technology (Government of India) (2013-2015)
- **Member**, Research Advisory committee (RAC), National Bureau of Agriculturally Important Microorganisms (ICAR), New Delhi (2013-2015)
- **Member, Bio-safety Committee** of Daiichi Sankyo, Gurgaon (2010-2013)
- **Member of the jury for Merck-India Innovation Award** for innovative research by Indian Scientists (2012 onwards)

#### **(B) Editorial Board**

- **Associate Editor**, Annals of Microbiology (2012 onwards)
- **Editor**, Scientific Reports (Nature Publishing Group) (2011 onwards)
- **Editor**, Advances in Biology (2014 onwards)

- **Editor**, Journal of Fungal Biology and Biotechnology (2014 onwards)
- **Editor**, Journal of Sustainable Bioenergy Systems (2013 onwards)
- **Editor**, Indian Journal of Microbiology (2006- onwards)
- **Guest-Editor**- Special Issue of 3 Biotech (2011), an International Journal
- **Guest-Editor**- Special Issue of Biodegradation (2010), an International Journal

**(C) Other (Reviewer)**

Biotechnology for Biofuels,
BMC Biotechnology,
Biodegradation,
Journal of Applied Microbiology,
Biotechnology Progress,
Bioprocess and Biosystem Engineering,
International Journal of Hydrogen Energy,
Fuel,
Annals of Microbiology
Scientific Reports
National Academy Science Letters,
International Journal of Biodegradation and Biodeterioration,
Journal of cleaner production,
Applied Microbiology and Biotechnology,
Environmental Progress,
Biotechnology and Bioprocess Engineering,
Chemosphere, Journal of Plant Pathology,
Scientific Research, Annals of Microbiology,
Industrial Microbiology and Biotechnology,
Gene,
Journal of Bioscience and Bioengineering,
New Biotechnology,
Energy Policy,
Biochemical Engineering Journal,
Journal of Biotechnology,
Central European Journal of Chemistry,
Bioenergy Research,
Biotechnology Advances,
Journal of Molecular Catalysis B: Enzymatic,

Engineering in Life Science,
Applied Biochemistry and Biotechnology,
Renewable and Sustainable Energy Reviews,
Process Biochemistry,
Bioresource Technology,
Brazilian Journal of Microbiology,
Enzyme and Microbial Technology,
Indian Journal of Microbiology,
FEMS Microbiology Letters

**Dr. Rishi Gupta**

**(a) Reviewer**

- Scientific Reports
- Bioresource Technology
- Annals of Microbiology
- Journal of Biomedicine and Biotechnology

## Annexure 4

### Prof. R. C. Kuhad

#### (A) Fellow Of Academic Bodies

- **Fellow** of Biotech Research Society of India (FBRS)
- **Fellow** of National Academy of Agricultural Sciences (FNAAS)

#### (B) Scholarships/Fellowships/Awards

- Association of Microbiologists of India (AMI) Dr. G. B. Manjreker Award (2014)
- Association of Microbiologists of India (AMI) Platinum Jubilee Life Time Achievement Award (2013)
- Association of Microbiologists of India (AMI) Titan Biotech Award (2011).
- Short Term Biotechnology Overseas Research Associateship Award Department of Biotechnology, Ministry of Science and Technology, (Govt. of India). (2002-2003)
- AMI- Alembic Award by Association of Microbiologists of India. (1999)
- Biotechnology Long Term Overseas Research Associateship Award by Department of Biotechnology, Ministry of Science and Technology, (Govt. of India). (1995-1996)
- UNIDO/ICGEB Fellowship for Short Term Research Training at the University of Santiago, Santiago, Chile. (1994)
- Commonwealth Scholarship for Post Doctoral Research by Government of United Kingdom, at the University of Manchester, United Kingdom (1985-1986).

#### (C) Facilitation/Appreciation/Merit/Research Poster Awards

- **Felicitation by Association of Microbiologists of India (AMI)** during 38<sup>th</sup> Annual Conference of AMI at New Delhi (December 13, 1997) and again in 42<sup>nd</sup> Annual Conference of AMI at Gulbarga (November 9<sup>th</sup>-11<sup>th</sup>, 2001) for services to AMI as Treasurer (1993-2001).
- **Certificate of Appreciation and Trophy awarded by plant science colloquium, H.A.U. Hisar**, for the research project being adjudged as one of the best projects submitted in the Regional contest “Innovative ideas in Plant Research” (1987).
- **Facilitation award** by Madhya Pradesh Shikshak Congress (1988).
- **Senior Research Fellowship** from C.S.I.R., New Delhi (1983-1985).
- **Junior Research Fellowship** from C.S.I.R., New Delhi (1981-1983).
- **Fourth Rank in Merit in M.Phil in Life Sciences Faculty** (1981).
- **First Rank in Merit in M.Sc. in Life Science Faculty** (1980).
- **Merit certificate for being standing- IInd in aggregated in B.Sc. IInd year** (1976)
- **Merit certificate for being standing First in Botany in B.Sc. IIIrd year** in College (1977).
- **National Scholarship Award** (Govt. of India) during Graduation (1972).
- **Merit Scholarship Award** Board of School Education, Haryana, Chandigarh (1972).
- **The American Society for Microbiology Best Poster Prize** for the poster “Influence of Ganoderma sp. RCKK-02 in goats” during the International Symposium on Recent Advances in Cross-disciplinary Microbiology: Avenues and Challenges at BIT, Mesra, Ranchi, India. (2010)
- **Awarded with Second prize for Best Research Poster** in the field of “Microbes in Food and Fermentation” during the 20<sup>th</sup> Annual Conference of AMI at National Chemical Laboratory, Pune, India (2009)

### Dr. Rishi Gupta

- **DST Fast Track Young Investigator Award** (2013) by Science and Engineering Research Board, Department of Science and Technology, Government of India

- **CSIR Senior Research Fellowship Award** (2011) by Human Resource Development Group, Council of Scientific and Industrial Research, India
- **International Travel Grant for paper presentation** in 6th Annual symposium on environment, Athens, Greece (2011) by Department of Science and Technology, Government of India, and Indian National Science Academy, New Delhi, India
- **AMI Young Scientist Award** in Environmental Microbiology (2010) by Association of Microbiologists of India, India
- **CSIR-National Eligibility Award (NET)** (2014) by Council of Scientific and Industrial Research, India

**Dr. Meenu Goyal**

- **CSIR NET- Junior Research Fellowship Award (JRF)** for doctoral research from (2010)
- **Canadian Commonwealth Scholarship (CCSP)** award for research project at University of Saskatchewan, Canada (2012)

## Department of Chemistry

- 1. Name of the Department:** Chemistry
- 2. Year of establishment:** 2013
- 3. Is the Department part of a School/Faculty of the university?**  
Yes (School of Chemical Science)
- 4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**  
PG
- 5. Interdisciplinary programmes and departments involved**  
Under CBCS scheme, elective subjects can be opted by the students from other departments. We are offering courses which can be opted by the students of Different Departments like Life Sciences, Mathematics, Physics, Statistics, Environment Science, Geography, Psychology etc.
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc.**  
Not yet.
- 7. Details of programmes discontinued, if any, with reasons**  
No
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
Semester & Choice Based Credit System (CBCS)
- 9. Participation of the department in the courses offered by other departments**  
Yes under CBCS scheme students of our Department have opted for the courses like Biochemistry and Physics in this Semester and earlier also, History, Psychology, Geography and Environment Science.
- 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	01* (Contractual)	01* (Contractual)
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	04	04* (Contractual)	04* (Contractual)
<b>Others</b>	00	00	00

\*Contractual basis although university is in the process of recruitment and advertisement for the same has already been published.

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided for the last 4 years
Prof. A. J. Varma	Ph.D, B.Sc	Professor	Polymer Chemistry	36	6(Phd) 2 (MTech) BTech (1) MSc (3)
Dr. Soma Sharma	PhD, Msc	Assistant Professor	Organic Chemistry	1.5	0
Dr. Atul Pratap Singh	PhD. Msc	Assistant Professor	Inorganic Chemistry	5.5	0
Dr. Anurag Kr Sunda	PhD, MPhil, MSc	Assistant Professor	Physical Chemistry	1.5	0
Dr. Vandna Nishal	PhD, Msc	Assistant Professor	Inorganic Chemistry	1	0

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

- Prof. Monika Dutta (Delhi University)
- Prof. S. Kukreti (Delhi University)
- Prof. M. Thirumal (Delhi University)
- Prof. J. B. Dahiya (GJU Hisar)
- Prof. A. J. Varma (NCL Pune), now he is a part of the University and joined our Department.

**13. Percentage of classes taken by temporary faculty – programme-wise information**

PG - 100%

**14. Programme-wise Student Teacher Ratio**

PG - 12:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Presently the department doesn't have any support staff but the University is in process of recruiting the required staff.

**16. Research thrust areas as recognized by major funding agencies**

- Polymer Chemistry, Polymer Materials and Polymer Technology.
- Nanotechnology of Polymers, Cellulose and Nanocellulose
- Biomass Platforms and Renewable Materials Building Blocks.
- Developing research methodology for sustainable products from Biomass by synergizing biotechnology and chemical methodologies
- Leading a large interdisciplinary team of scientists (organic chemistry, polymer chemistry, biotechnology, process development) for concept-to-product chemicals delivery.
- Electrochemistry



- Spectroscopic Investigation of Microemulsion based reactions

17. Number of faculty with ongoing projects from

National	01
International funding agencies and	Nil
Total grants received. Give the names of the funding agencies, project title and grants received project-wise.	Grant received so far: NIL

18. Inter-institutional collaborative projects and associated grants received

National collaboration	Dr. Soma Sharma has published one article recently in collaboration to Prof. A. K. Ganguli at IIT Delhi. “Controlling the Microstructure of Reverse Micelles and their Templating Effect on Shaping Nanostructures” <b>Soma Sharma</b> , Nitin Yadav, Prमित K. Chowdhury and Ashok K. Ganguli; <i>J. Phys. Chem. B</i> <b>2014</b> , DOI: 10.1021/acs.jpcc.5b03063 (just accepted) ( <b>Impact Factor- 3.377</b> )
International collaboration	Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Not yet, but we are in a process of writing and planning to submit the same

20. Research facility / centre with

State Recognition	Nil
National Recognition	Nil
International Recognition	Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

Number of papers published in peer reviewed journals (national / international)	100 (Prof. AJ Varma) 5 (Dr. Soma Sharma) 17 (Dr. Atul Pratap Singh) 9 (Dr. A. P. Sunda) 8 (Dr. Vandana Nishal)
Monographs	00
Chapters in Books *	00
Edited Books	00
Books with ISBN with details of publishers	00
Number listed in International Database (For e.g. Web of	00

Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	
Citation Index – range / average	<p><b>Prof. A. J. Verma,</b> citations= 2000, H-Index = 19, Impact factor range 0-8.02</p> <p><b>Dr. Soma Sharma</b> citations= 56, H-Index = 4, Impact factor range 3.3-12.1</p> <p><b>Dr. Atul Pratap Singh</b> citations -101, H-Index = 6 Impact factor range 0-6.8</p> <p><b>Dr. Anurag Sunda</b> Citations-32, h-index-3 Impact factor range – 1.2-7.4</p> <p><b>Dr. Vandna Nishal</b> Citations-6 h-index-0 Impact factor range – 0-2.2</p>
SNIP	00
SJR	00
Impact Factor – range / average	<p><b>Prof. A. J. Verma,</b> Impact factor range 0-8.02</p> <p><b>Dr. Soma Sharma</b> Impact factor range 3.3-12.1</p> <p><b>Dr. Atul Pratap Singh</b> Impact factor range 0-6.8</p> <p><b>Dr. Anurag Sunda</b> Impact factor range – 1.2-7.4</p> <p><b>Dr. Vandna Nishal</b> Impact factor range – 0-2.2</p>
h-index	<p><b>Prof. A. J. Verma,</b> H-Index = 19,</p> <p><b>Dr. Soma Sharma</b> H-Index = 4,</p> <p><b>Dr. Atul Pratap Singh</b> H-Index = 6</p> <p><b>Dr. Anurag Sunda</b> h-index-3</p> <p><b>Dr. Vandna Nishal</b></p>

**23. Details of patents and income generated**

Nil

**24. Areas of consultancy and income generated**

Nil

**25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad**

02 (Prof. A J Varma, Dr. Atul Pratap Singh)

Reliance & Birla Group (Prof. A J Varma)

Molecular Recognition Lab, South Korea

**26. Faculty serving in**

<b>National committees</b>	01 (Prof. A. J. Varma)
<b>International committees</b>	01 (Prof. A. J. Varma)
<b>Editorial Boards</b>	01
<b>Any other (please specify)</b>	Nil

- Fellow of Biotech Research Society of India for outstanding contributions to Industrial Biotechnology (Thiruvananthapuram, Nov., 2011)
- CSIR-NCL Scientist-of-the-year Award 2011 for outstanding research (Jan., 2012)
- Life-time Achievement Award in Cellulose Chemistry and Technology by Association of Carbohydrate Chemists & Technologists of India, (Dehra Dun, Jan., 2014)
- Professor B.D. Tilak Visiting Fellowship by ICT, Mumbai (Mumbai, 2013-14)
- National VASVIK Industrial Technology Award winner for Chemical Technology transferred to Indian Industry (Gujarat, Oct.,2011)
- UNIDO-ICS Expert Group Member on Biomass Valorization (Italy, 2006-2011)
- Professor S.Sethna Visiting Professor at Sardar Patel University (Anand, 2005)
- Editorial Board Member of Elsevier Jour. "Carbohydrate Polymers" (UK) (2004-contd)
- Editorial Board Member of "Trends in Carbohydrate Research" (India) (2009-contd.)
- President, Society of Polymer Science (India) (Pune Chapter) (2012-contd.)
- Invited Speaker and Chairperson at Symposia in many countries- USA, UK, Germany, Italy, China, Turkey, Denmark, Egypt, France, Sweden, Denmark,S. Africa, (1995-2011)
- Invited to deliver "Distinguished Alumni Lecture" in State Univ. Of New York, USA (2000)
- Transferred high value technologies to industry, industrial consultant to many industries, led large industrial & basic research projects, selected as nodal officer of CSIR Biomass Program (2012-2017)
- Press reports in several national and international newspapers, magazines, and technical journals for work done by his group.
- Member of Scientific Panels, Ministry of Health, Ministry of New & Renewable Energy, DBTBIRAC

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

05

28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects	100%
Percentage of students doing projects in collaboration with other universities industry / institute	Nil

29. Awards / recognitions received at the national and international level by

Faculty	02
Doctoral / post doctoral fellows	Nil
Students	02 <b>Nikhil</b> NSS Camp, Best Discipline Volunteer, Games n Sports, Piloting of Chief Guest, YRC-Panchkula Camp – 1 <sup>st</sup> Position in group songs, Adventure Camp Pongdam (HP), Piloting of many dignitaries arrived at CUH on different occasions and events. <b>Manjeet –</b> <b>NSS camp-1<sup>st</sup> Position in Quiz Competition</b>

- “Life-time Achievement Award” by Association of Carbohydrate Chemists & Technologists of India for contributions to Cellulose Chemistry and Technology (20 Jan., 2014)
- “Professor B.D.Tilak Visiting Fellowship Endowment” for the year 2013-2014 (03 Dec. 2013)
- NCL Scientist-of-the-Year Award given by NCL Research Foundation for outstanding work on Biodegradable Polymers and Biomass Fractionation Technology (03 January, 2012)
- The Biomass Fractionation Technology has also been selected as being amongst the Top 10 High Impact Technologies of CSIR-NCL since inception of NCL, during the 70th. Anniversary of CSIR in 2012.
- Selected as Fellow of Biotech Research Society of India for outstanding contributions to advancement of Industrial Biotechnology (21 November, 2011)
- Certificate of Appreciation from American Chemical Society Publications for valuable contribution and dedicated service in peer review for ACS Journals (December 2011)
- VASVIK Award for Chemical Sciences & Technology (2008) for work leading to a multi-purpose bio refinery and for technology development of a new high-pressure steam process to get value added cellulose, hemicelluloses and lignin from biomass (Oct. 2010)
- Director’s Commendation Award at NCL Foundation Day for successfully commissioning a demonstration plant on waste biomass to value-added polymers (January 2008)
- Invited and serving as Editorial Board Member of prestigious international scientific journal in chemistry “Carbohydrate Polymers” (Elsevier Press, UK) (2004 - 2012, continuing)
- Invited and serving as Editorial Board Member of “Trends in carbohydrate Research” (India) (2009 –Continuing till date)
- Elected as President, Society of Polymer Science, India (Pune Chapter) (July 2009, continuing till date)
- Elected as Executive Body Member, Association of Carbohydrate Chemists & Technologists

(India) (Jan. 2014)

- Professor S.Sethna Visiting Professor in Chemistry at Sardar Patel University (2004)
- University Grants Commission Expert Member for setting up Center of Excellence in Applied Polymers at Sardar Patel University, Gujarat (2004-2006)
- Expert Group Member Meeting on Evaluation of Forefront Technologies in Environmentally Degradable Polymers, ICS-UNIDO, Italy (2005, 2009)
- Session Chairman and invited lecture at International Conference, Trieste Italy (2008, 2009)
- Session Chairman and invited lecture at International Conference Cairo, Egypt (2008),
- Invited lecture at Beijing, China for Conf. on Green Materials for Green Olympics ( Oct. 2007)
- Invited to organize International Conference on “Sustainable Plastics for India and Asian Countries” by ICS-UNIDO, at NCL, Pune, (2006)
- Specially invited speaker at scientific fora / conferences in (1995 – 2008) USA, UK, Germany, Sweden, Denmark, Turkey, France, China, Egypt, Italy, India
- Invited to deliver “Distinguished Alumni Lecture” at College of Environmental Science and Forestry, State University of New York, USA (2000)
- Nine scientific publications selected as Top 10 papers of prestigious research journals like “JCS ChemComm”, “Green Chemistry”, and “Carbohydrate Polymers”, (2002- 2009)
- Article in “Nature” high-lighted work done by Dr.Varma (2003) on biodegradable polymers synthesis strategy

Chairman and member of several committees at local and national level (UGC Experts Committee, UNIDO Experts Committee, Chairman of Purchase Committee of NCL, Member of CSIR SRF Committee, Member of selection committees for scientists and staff, Represented

- NCL/CSIR at Planning Commission meeting, Jan. 2008, etc.)
- MRF Award for Best scientific & technological work in elastomers in India (1988)
- Award of Research Foundation of New York for Ph.D. (1974-1979)
- Award of Research Foundation of New York for Post-doctoral Research (1980-1981)
- National Science Talent Search Scholar of India (1971-74)
- Basic and Applied work done in Dr. Varma’s lab has been highlighted in several National and International newspapers, magazines, and technical journals
- Member of Scientific Panels of Food Safety and Security Authority of India, Ministry of Health, Delhi (2014-15), Ministry of New & Renewable Energy (MNRE), and DBT-BIRAC
- Member of High Power Government Delegation to Mauritius to discuss scientific cooperation between India and Mauritius
- Fellow of the association of Carbohydrate Chemist and Technologists (India, Dec. 2014)

**30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.**

01. A 3 Day Workshop on Vacuum, Plasma and Thin Film Deposition Techniques was jointly organized by department of Chemistry and Department of Physics from 22<sup>nd</sup> – 24<sup>th</sup> October, 2015. Sponsored by CUH, M.. Garh and TAS, New Delhi

**31. Code of ethics for research followed by the departments**

Yes, the department follows the code of ethics for research by adopting following measures:

All research works carried out during their project work are required to pass through the plagiarism check before submission of dissertation/thesis, mandatorily.

30. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>2015-16</b>					
M.Sc Chemistry	1612	13	17	Exams yet to be held	Exams yet to be held
<b>2014-15</b>					
M.Sc Chemistry	1395	13	15	Exams yet to be held	Exams yet to be held
<b>2013-14</b>					
MSc Chemistry	112	1	6	100%	100%

31. Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2015-16</b>				
M.Sc Chemistry I Sem		67	33	
M.Sc Chemistry III Sem		54	46	

32. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

<b>General</b>	None
<b>OBC</b>	None
<b>SC</b>	None
<b>ST</b>	None
<b>Total</b>	None

33. Student Progression

Student Progression	Percentage against enrolled
<b>UG to PG</b>	00
<b>PG to M.Phil.</b>	00
<b>PG to Ph.D.</b>	00
<b>Ph.D. to Post-Doctoral</b>	00
<b>Employed</b>	Students of 1st batch (total No. 5) are teaching in the private institutions with good standards
<ul style="list-style-type: none"> <li>• <b>Campus selection</b></li> <li>• <b>Other than campus recruitment</b></li> </ul>	And others are engaged in their higher studies
<b>Entrepreneurs</b>	Nil

34. Diversity of Staff

Percentage of faculty who are graduates of:	
From same university	0%

from other universities within the State	20%
From universities from other States	60%
From universities outside the country	20%

**35. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

04 (The faculties done their PhDs from other Institutions or Universities but they have been awarded with their degrees during 2009 to 2015)

**36. Present details of departmental infrastructural facilities with regard to**

Library	Nil
Internet facilities for staff and students	Yes
Total number of class rooms	02
Class rooms with ICT facility	Yes, as our campus is fully wifi enabled
Students' laboratories	02
Research laboratories	Will be having soon as the new buildings are under construction

**37. List of doctoral, post-doctoral students and Research Associates**

From the host institution/university	Nil
From other institutions/universities	Nil

As we do not have research programmes in our Department but as the hiring regular faculties is in the process, so we are hoping to have the research programmes in our Department very soon.

**38. Number of post graduate students getting financial assistance from the university.**

Three students Ms. Suman, Ritu and Manjeet Kr got financial assistance under 'Earn While Learn' Scheme in the session 2014-15.

**39. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, the neighbouring feeding institutions were surveyed and interactions were conducted with the stakeholders in order to assess the need for each programme. Thereafter, the proposal for each course was considered and approved by the various academic bodies of the university.

**40. Does the department obtain feedback from**

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes, through departmental meetings and the same is submitted for the consideration of academic bodies.
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Yes, through interaction and the same is considered while framing curriculum and teaching-learning evaluation.



<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Yes, through interaction and meetings at regular intervals.
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**41. List the distinguished alumni of the department (maximum 10)**

Students of 1st batch (total No. 5) are teaching in the private institutions with good standards and others are involved in higher studies.

**42. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

- Invited External Lectures by Dr. Hari Om from DCRUST Murthal, on 4th and 5th May 2015
- Extension lecture by Prof. A J Varma, NCL Pune on 2<sup>nd</sup> September 2015
- Science Exhibition on 11<sup>th</sup> of Sep. 2015
- A 3 Day Workshop on Vacuum, Plasma and Thin Film Deposition Techniques was jointly organized by department of Chemistry and Department of Physics from 22<sup>nd</sup> – 24<sup>th</sup> October, 2015.
- Inauguration of Chemical Society (CUHMACHEM) on 15<sup>th</sup> Sep. 2015
- A proposal for conducting Science Conclave at CUH has been send to DST, Haryana.
- Department is planning to organise an Educational tour for students to visit good laboratories of our state/country.

**43. List the teaching methods adopted by the faculty for different programmes.**

- Structured Lectures
- Seminars
- Laboratory Experiment
- Power Point Presentations
- Assignment
- Tutorials
- Project Training
- One to one discussion

**44. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

With the help of constant evaluation for the teaching of Chemistry, necessary steps have been taken to ensure that various objectives are realized, by considering and getting feedback from different stakeholders, including students, faculty members, parents, academia and alumni.

**45. Highlight the participation of students and faculty in extension activities.**

1. **Dr. Soma Sharma** – Co-convener for organizing A 3 Day Workshop on Vacuum, Plasma and Thin Film Deposition Techniques was jointly organized by department of Chemistry and Department of Physics from 22<sup>nd</sup> – 24<sup>th</sup> October, 2015.
2. **Dr. Soma Sharma** – Convener for Science Exhibition on 11<sup>th</sup> of Sep. 2015
3. **Dr. Soma Sharma** – Member of Unnat Bhaarta Abhiyan, where we have planned to organize many events for the villages adopted by the University.
4. **Dr. Soma Sharma and D. Anurag K. Sunda**– member Rashtriya Avishkar Abhiyan Club.
5. **Dr. Soma Sharma** – Teacher in charge in the Swachchha bhara abhiyab Drive. the Students
6. **Dr. Soma Sharma and D. Anurag K. Sunda**– member, Innovation Club.

7. **Dr. Soma Sharma** – Member, Training and Placement Cell
8. Students from MSc Chemistry have participated in various co-curricular activities organized at CUH and at District Level

Sl. No.	Name of the student	Activity	Position	Level
01	Ms Sangeeta	Declamation	2	University
		Poem Recitation	3	
		Speech	Participation	
02	Mr. Radheshyam	Patriotic Song	Participation	University
03	Ms. Kirti	Speech	Participation	University
04.	Ms. Anuradha	Essay Writing	Participation	University
		Speech		
		Poem Recitation		
05.	Anshul	Essay Writing	Participation	University
		Poem Recitation		
		Crossword Puzzle		
06.	Shweta	Essay Writing	4th	University
07	Sadhna	Essay Writing	3	University
		Speech		
		Debate		
08	Divya	Essay Writing	Participation	University
		Speech		
		Debate		
09.	Navneet Sharma	Debate	Participation	University
10.	Rajneesh	Quiz	Participation	University
	Naveen			
	Nikhil			
11.	Sadhna	Speech	1 <sup>st</sup>	Distt. Level
12	Divya	Speech	2 <sup>nd</sup>	Distt. Level
		Debate	2nd	
13.	Baljeet	Yoga	3rd	Distt. Level
14.	Mona	Yoga	2nd	Distt. Level
15.	Manisha	Yoga	Participation	State

- Students are actively taking part in the **swachha Bharat Abhiyan** Drive: 10 - Sonia, Manjeet Kr. Amita, DivyaNisha, Manoj, **Jasveer**, Ekta Shandilya, Poonam, Kirti.
- NSS Volunteers: 22** - Poonam, Snageeta Kumari, Anuradha, Sangeeta, Radheshyam, Manoj Kumar, Rahul Kumar, Kirti, Divya, Ekta Shandilya, Nisha Yadav, Mona Yadav, Pooja Yadav, Vikas Yadav, Vipin Arora, Nikhil Kumar, Bhawna Yadav, Baljeet, Anil Kumar, Gaurav Pandey, Kusum, Manjeet Kumar, Rajneesh.
- Students actively participated in the **Science Exhibition** organized by Our Department at CUH on 11<sup>th</sup> Sep. 2015 and exhibited many working models for the school children of the adopted

villages.

4. Students of Chemistry Department have **donated blood** on the Occasion of Dr. A. P. J. Abdul Kalam Azad's Bday on 15<sup>th</sup> Oct. 2015 - Nikhil, Naveen, Navneet, Mandeep, **Vipin, Manjeet**, Radheshyam, Mandeep
5. Students have actively participated in the <sup>A</sup> **3 Day Workshop on Vacuum, Plasma and Thin Film Deposition Techniques** was jointly organized by department of Chemistry and Department of Physics from 22<sup>nd</sup> – 24<sup>th</sup> October, 2015.
6. We are planning to **organize seminars**, Quiz Competitions and many more activities under our Chemical Society (**CUHMCHEM**).

**46. Give details of “beyond syllabus scholarly activities” of the department.**

At Departmental Level different competitions like Quiz, Power point presentations and extensive lectures have been organized

- Invited External Lectures by Dr. Hari Om from DCRUST Murthal, on 4th and 5th May 2015
- Extension lecture by Prof. A J Varma, NCL Pune on 2<sup>nd</sup> September 2015
- Science Exhibition on 11<sup>th</sup> of Sep. 2015
- A 3 Day Workshop on Vacuum, Plasma and Thin Film Deposition Techniques was jointly organized by department of Chemistry and Department of Physics from 22<sup>nd</sup> – 24<sup>th</sup> October, 2015.
- Inauguration of Chemical Society (CUHMCHEM) on 15<sup>th</sup> Sep. 2015
- A proposal for conducting Science Conclave at CUH has been send to DST, Haryana.
- Department is planning to organise an Educational tour for students to visit good laboratories of our state/country.
- Visit: Surajkund Fair, Faridabad (Feb 2015)
- Students from MSc Chemistry have participated in various co-curricular activities organized at CUH and at District Level

Sl. No.	Name of the student	Activity	Position	Level
01	Ms Sangeeta	Declamation	2	University
		Poem Recitation	3	
		Speech	Participation	
02	Mr. Radheshyam	Patriotic Song	Participation	University
03	Ms. Kirti	Speech	Participation	University
04.	Ms. Anuradha	Essay Writing	Participation	University
		Speech		
		Poem Recitation		
05.	Anshul	Essay Writing	Participation	University
		Poem Recitation		
		Crossword Puzzle		
06.	Shweta	Essay Writing	4th	University
07	Sadhna	Essay Writing	3	University
		Speech		
		Debate		

08	Divya	Essay Writing	Participation	University
		Speech		
		Debate		
09.	Navneet Sharma	Debate	Participation	University
10.	Rajneesh	Quiz	Participation	University
	Naveen			
	Nikhil			
11.	Sadhna	Speech	1 <sup>st</sup>	Distt. Level
12	Divya	Speech	2 <sup>nd</sup>	Distt. Level
		Debate	2nd	
13.	Baljeet	Yoga	3rd	Distt. Level
14.	Mona	Yoga	2nd	Distt. Level
15.	Manisha	Yoga	Participation	State

- Students are actively taking part in the swachha Bahrat Abhiyan Drive: 10  
Sonia, Manjeet Kr. Amita, DivyaNisha, Manoj, Jasveer, Ekta Shandilya, Poonam, Kirti.  
NSS Volunteers: 22 - Poonam, Snageeta Kumari, Anuradha, Sangeeta, Radheshyam, Manoj Kumar, Rahul Kumar, Kirti, Divya, Ekta Shandilya, Nisha Yadav, Mona Yadav, Pooja Yadav, Vikas Yadav, Vipin Arora, Nikhil Kumar, Bhawna Yadav, Baljeet, Anil Kumar, Gaurav Pandey, Kusum, Manjeet Kumar, Rajneesh.
- Students actively participated in the Science Exhibition organized by Our Department at CUH on 11<sup>th</sup> Sep. 2015 and exhibited many working models for the school children of the adopted villages.
- Students of Chemistry Department have donated blood on the Occasion of Dr. A. P. J. Abdul Kalam Azad's Bday on 15<sup>th</sup> Oct. 2015  
08 - Nikhil, Naveen, Navneet, Mandeep, Vipin, Manjeet, Radheshyam, Mandeep
- Students have actively participated in the A 3 Day Workshop on Vacuum, Plasma and Thin Film Deposition Techniques was jointly organized by department of Chemistry and Department of Physics from 22<sup>nd</sup> – 24<sup>th</sup> October, 2015.
- We are planning to organize seminars, Quiz Competitions and many more activities under our Chemical Society (CUHMCHEM).

**47. State whether the programme / department is accredited/ graded by other agencies? If yes, give details.**

No, we have applied for NAAC accreditation

**48. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

- In accordance to CBCS, we are offering interdisciplinary courses for our as well as for other Departments students, where they can learn more and apply their knowledge in different areas in our day to day life.
- Under the aegis of Rashtriya Avishkar Club, a Science Exhibition on 11<sup>th</sup> of Sep. 2015, was organized to demonstrate the basic knowledge and the concepts amongst the school children of the villages adopted by the University.

- A 3 Day Workshop on Vacuum, Plasma and Thin Film Deposition Techniques was jointly organized by department of Chemistry and Department of Physics from 22<sup>nd</sup> – 24<sup>th</sup> October, 2015 to make the students aware for the different techniques which can be utilized to fabricate thin films on different substrates.
- The syllabus of the Department is in accordance to the competitive exams like NET, GATE, NTPC, TIFR, DRDO etc so that students will not face problem for these exams.

**49. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths:**

- Faculty with diverse areas of teaching and research interests and experience
- Syllabi of the Department is of interdisciplinary nature and in accordance to the competitive exams like NET, GATE, NTPC, TIFR, DRDO etc so that students will not face problem for these exams.
- Motivational attitude of faculties to encourage the students towards higher education
- Self-study courses to promote the interest of the students in the areas of their choice
- Department of Chemistry also offers elective courses to promote basic and applied sciences and to inculcate the scientific temperament in the students.
- Labs with basic facilities
- Seminar room
- Well qualified staff.
- motivational teaching methods

**Weaknesses:**

- No Research Programme in the Department
- Labs with basic facilities
- Resource constraints.
- Access to research journals
- Lack of faculty at the level of Professors/visiting Professors/Adjunct Professor

**Opportunities:**

- Providing research exposure to students by organising workshop/seminars
- Expanding the practical and research knowledge for job perspective of students.
- Developing modern infrastructure in the university.
- Providing fundamental knowledge of applied sciences
- Providing opportunities to students to opt subjects of their interest for their holistic development.

**Challenges:**

- Student's Placement.
- Establishment of research and certified labs.
- To attract students from other countries.
- Student exchange program with renowned institutions with well-furnished and equipped labs

**50. Future plans of the department.**

Department of Chemistry is involved in the teaching and rigorous training of the PG students who are going to be the future generation scientist of our society. At present, we are having PG programme with an intake of 30 students every year. In future, we are planning to have research programmes like M.Phil and PhD. For this we need to have permanent and senior faculties, which we may have in near future.

The Department of Chemistry is trying to provide a wide spectrum of knowledge of fundamental chemistry and expertise which have worldwide significance in the fields of chemistry and related disciplines. For this, we are planning to start research programmes like M. Tech and PhD.

Recently, CBCS has been implemented in the university, where we have provided a lot of elective courses, which may help in the students to acquire interdisciplinary knowledge and inculcate scientific attitude in them. The practical courses based on applied sciences like green chemistry, materials chemistry, nanotechnology and polymer chemistry will definitely help the students to acquire a domain knowledge in this field and will prepare them to become good researchers.

We are planning to develop a good research environment by providing modern research facilities with the sophisticated instrumental facilities. We are planning to do collaborative research with other institutions and universities.

The department is planning to involve themselves in the following fundamental research areas:

- Polymer Chemistry
- Synthetic chemistry
- Pharmaceutical Chemistry
- Material Chemistry
- Nanotechnology
- Computational/physical chemistry
- Analytical/environmental/marine chemistry

We have started our Chemical Society (CUHMCHEM) in our Department, by which, the students from the department, alumni and outsiders can be benefitted and get a platform and an exposé of the industries and other good institutions and organisation.

The department will enhance its stature globally as a leading research-intensive department. Research within the department is primarily devoted to questions of fundamental importance, but also includes applied research relevant locally, nationally, and internationally. We will initiate:

To support and promote fundamental and applied research excellence driven by faculty, postdoctoral fellows, staff, and students.

To attract and retain world-class faculty, students, postdoctoral fellows and staff to engage in cutting edge research activity.

To follow a research agenda designed to support the training of undergraduate and graduate students, the goals of the university, and the needs of the province.

To engage with partners within and outside of Memorial to promote and support interdisciplinary research, research networking, research collaborations, and economic development.

We are planning to organize some more Workshop/conferences and seminars with the active participation of the students and faculties for the growth of the department and the students, where they will get a platform to interact with the leading scientist of national and international standards.

## Department of Commerce

- 1. Name of the Department:** Commerce
- 2. Year of Establishment:**2011
- 3. Is the Department part of a School/Faculty of the university?**  
Yes, School of Law, Governance, Public Policy & Management
- 4. Names of Programmes Offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**  
M.Com (Since 2011)
- 5. Interdisciplinary Programmes and Departments Involved:**  
Department is not offering any kind of Interdisciplinary Programmes.
- 6. Courses in Collaboration with Other Universities, Industries, Foreign Institutions, etc.:**  
At present there is no course which is in Collaboration with Other Universities, Industries, Foreign Institutions, etc. but in near future we will enrich department by collaborating with the renowned universities, Industries and foreign institutions.
- 7. Details of Programmes Discontinued, if any, with Reasons:**  
Department of commerce is offering only M.Com programme and it is continued since 2011.
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:**  
The commerce department is following Semester System with 100% implementation of Choice Based Credit System (CBCS).
- 9. Participation of the Department in the Courses Offered by Other Departments:**  
Department has implemented Choice Based Credit System (CBCS) wherein students of the commerce department are required to take few courses from others departments. Students of the commerce department choose the courses from Education department and Management Department.
- 10. Number of Teaching Posts Sanctioned, Filled and Actual (Professors/Associate Professors/Asst. Professors/others):**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	04	03	03
<b>Others</b>	00	00	00



**11. Faculty Profile with Name, Qualification, Designation, Area of Specialization, Experience and Research Under Guidance:**

Sr. No.	Name	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D/ M.Phil. Students guided for the last 4 years
1.	Dr. Suman	Ph.D.	Assistant Professor	Finance, Marketing and Taxation	01 year and 10 months	Nil
2.	Ms. Ravinder Kaur	M.Com	Assistant Professor	Finance & Accounting	01 year and 10 months	Nil
3.	Mr. Sachin	M.Com & M.B.A	Assistant Professor	Finance & Accounting	01 year and 10 months	Nil

**12. List of Senior Visiting Fellows, Adjunct Faculty, Emeritus Professors:**

University is in the process of hiring Senior Visiting Fellows, Adjunct Faculty, and Emeritus Professors in the department of commerce.

**13. Percentage of Classes Taken by Temporary Faculty – Programme-Wise Information:**

100% classes are taken by the permanent faculty.

**14. Programme-Wise Student Teacher Ratio:**

M.Com. 15:1

**15. Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned, Filled and Actual:**

Currently there is no academic support staff (technical) and administrative staff in the department but university is in the process of hiring such staff.

**16. Research Thrust Areas as Recognized by Major Funding Agencies:**

Presently none of the faculty has applied for the major research projects.

**17. Number of Faculty with On-Going Projects from:**

National	Nil
International funding agencies and	Nil
Total grants received. Give the names of the funding agencies, project title and grants received project-wise.	Nil

**18. Inter-Institutional Collaborative Projects and Associated Grants Received:**

National collaboration	Nil
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International collaboration	Nil
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**19. Departmental Projects Funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; Total Grants Received:**

Nil

**20. Research Facility / Centre With:**

State Recognition	Nil
National Recognition	Nil
International Recognition	Nil

**21. Special Research Laboratories Sponsored by/Created by Industry or Corporate Bodies:**

Nil

**22. Publications:**

Number of papers published in peer-reviewed journals (national / international)	18
Monographs	00
Chapters in Books *	
Edited Books	
Books with ISBN with details of publishers	01
Number listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	00
Citation Index – range / average	00
SNIP	00
SJR	00
Impact Factor – range / average	00
h-index	00

**23. Details of Patents and Income Generated:**

Presently no patent has been registered.

**24. Areas of Consultancy and Income Generated:**

No consultancy services are being provided by the department of commerce.

**25. Faculty Selected Nationally/Internationally to Visit other Laboratories / Institutions/ Industries in India and Abroad:**

None of the Faculty Selected Nationally/Internationally to Visit other Laboratories / Institutions/ Industries in India and Abroad.

**26. Faculty Serving in A) National Committees B) International Committees C) Editorial Boards D), Any Other (Please Specify):**

**I. Dr. Suman:**

- Member, Admission Committee, Central University of Haryana.
- Member, Academic Council, Central University of Haryana.
- Member, Internal Quality Assurance Cell (IQAC), Central University of Haryana.
- Member, Board of Studies, Department of Commerce, Central University of Haryana (w.e.f. 23<sup>rd</sup> Sept. 2015)
- Member, Students Grievances Redressal Cell, Central University of Haryana.

**II. Mr. Sachin:**

- Convener, SC/ST Cell, Central University of Haryana.

**27. Faculty Recharging Strategies (UGC, ASC, Refresher / Orientation Programmes, Workshops, Training Programs and Similar Programs):**

**Dr. Suman:**

S. No.	Programme	Duration	Organised by
1.	UGC-Sponsored Orientation Programme	28 days (29/05/2014 to 25/06/2014)	GJUS&T, Hisar
2	Workshop on Analytical Techniques for research in commerce and management	Seven Days(27/12/2010-02/01/2011)	Department of Commerce, MDU, Rohtak.
3.	National workshop cum seminar on Commerce and Economics	Three Days (29/03/2012-31/03/2015)	Tika Ram PG Girls College, Sonipat, Haryana
4.	Workshop on Enhancing Employability Skills: Communication and Personality Development	Three Days (13/11/2010-15/11/2010)	Department of Commerce, MDU, Rohtak.

**Dr. Ravinder Kaur:**

S. No.	Programme	Duration	Organised by
1.	Workshop on Analytical skills for research in business	One Day(29/11/2011)	Department of Commerce, MDU, Rohtak.
2	Workshop on Computer Application in Research	Seven Days(4/12/2012-10/12/2012)	Department of Commerce, MDU, Rohtak.
3.	Workshop on Financial	Three Days(29/03/2013-	Department of Commerce, MDU,

	Econometrics	31/03/2013)	Rohtak.
4.	Workshop on Volatility Analytics with GARCH Modelling	05/07/2014	IMT, Ghaziabad.
5.	Short term Training Programme on Advanced Research Methodology	(14/07/2014-20/07/2014)	MNNIT, Allahabad

**Mr. Sachin:**

Sr. No.	Programme	Duration	Organised by
	Orientation Programme	28 days (29/05/2014 to 25/06/2014)	GJUS&T, Hisar

**28. Student Projects:**

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	100%
<b>Percentage of students doing projects in collaboration with other universities, industry / institute</b>	Nil

**29. Awards / Recognitions Received at the National/ International Level By:**

<b>Faculty</b>	Nil
<b>Doctoral / Post doctoral fellows</b>	Nil
<b>Students</b>	Nil

**30. Seminars/Conferences/Workshops organized and the source of funding (National/International) with details of outstanding participants, if any.**

Department of Commerce is planning to organize Seminars/Conferences/Workshops in near future.

**31. Code of Ethics for Research followed by the Departments:**

Presently there is no research programme in the department of commerce.

**32. Student Profile (Programme-wise):**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>Session 2011-12</b>					

M.Com		03	06	100	100
<b>Session 2012-13</b>					
M.Com	48	01	07	100	100
<b>Session 2013-14</b>					
M.Com	60	01	06	100	100
<b>Session 2014-15</b>					
M.Com	268	04	13	Exams yet to be held	Exams yet to be held
<b>Session 2015-16</b>					
M.Com	388	09	21	Exams yet to be held.	Exams yet to be held

**33. Diversity of Students:**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2015-16</b>				
M.Com Ist Sem	Nil	90%	10%	Nil
M.Com IIIrd Semester	Nil	82.4%	17.6%	Nil

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

**NET/SET/JRF**

<b>General</b>	Ms Deepa Garg
<b>OBC</b>	Nil
<b>SC</b>	Nil
<b>ST</b>	Nil
<b>Total</b>	01

**35. Student Progression:**

<b>Student</b>	<b>Percentage against enrolled</b>
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<b>Progression</b>	
<b>UG to PG</b>	Nil
<b>PG to M.Phil.</b>	Nil
<b>M.Phil to Ph.D.</b>	Nil
<b>Ph.D. to Post-Doctoral</b>	Nil
<b>Employed</b>	Nil
<b>Campus Selection:</b>	
<b>Other than Campus Recruitment:</b>	Information not available
<b>Entrepreneurs</b>	Information not available

**36. Diversity of Staff:**

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	Nil
<b>From other universities within the State</b>	100%
<b>From universities from other States</b>	Nil
<b>From universities outside the country</b>	Nil

**37. Number of Faculty who were Awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the Assessment Period:**

**Ph. D:** One faculty is pursuing Ph.D.

**38. Present Details of Departmental Infrastructural Facilities with Regard to:**

<b>Library</b>	Nil
<b>Internet facilities for staff and students</b>	Yes, the campus is fully Wi-Fi enabled
<b>Total number of class rooms</b>	02
<b>Class rooms with ICT facility</b>	Yes, all the classrooms are equipped with ICT facilities.
<b>Students' laboratories</b>	Nil
<b>Research laboratories</b>	Nil

**39. List of Doctoral, Post-Doctoral Students and Research Associates:**

<b>From the host institution/university</b>	Nil
<b>From other institutions/universities</b>	Nil

**40. Number of Post-Graduate Students Getting Financial Assistance from the University:**

None of the commerce student is getting financial assistance from the university.

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

University had discussion with all the stakeholders about need of the M.com programme. After that proposal was well thought-out and approved by the academic bodies of the university.

**42. Does the Department Obtain Feedback from:**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Suggestions are invited from the faculty members in the departmental meetings.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, faculty members interact with the students and their views are taken to improve the curriculum and teaching learning evaluation.
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Yes, suggestions and views are taken through regular interaction.

**43. List the Distinguished Alumni of the Department (Maximum Ten):**

Information is not available.

**44. Give Details of Student Enrichment Programmes (Special Lectures / Workshops / Seminar) Involving External Experts:**

Following extension lectures have been organised by the department:

<b>Sr. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Affiliation</b>
1.	Prof. D.P.S.Verma	Former Professor	Delhi School of Economics, University of Delhi, New Delhi
2.	Dr. A Ravichandram	Associate Professor	Satyawati College(Evening).University of Delhi, New Delhi.
3.	Prof. J.P.Sharma	Professor	Delhi School of Economics, University of Delhi, New Delhi

**45. List the Teaching Methods Adopted by the Faculty for Different Programmes:**

- Presentation



- Assignment
- Project
- Group Discussion
- Class Room Lecture

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Learning outcomes are monitored through continuous evaluation by sessional exam, External Exam, Presentations and Discussions. Feedback from the stakeholders (Students, Alumni and faculty) is also taken to ensure that programme objectives are constantly met.

**47. Highlight the Participation of Students and Faculty in Extension Activities:**

All the faculty members are encouraged to participate in national / international conferences and workshops. Various students of the department actively participate in the social awareness activities.

**48. Give Details of “Beyond Syllabus Scholarly Activities” of the Department:**

Students are encouraged to participate in cultural and sports activities. Pre & Post budget discussions, Quiz Programme were organized to enhance the basic knowledge of students. Students actively participated to celebrate the Education Day in the department of commerce.

**49. State whether the Programme/ Department is accredited/graded by other agencies? If yes, give details.**

No, Department is in the process of its first accreditation.

**50. Briefly Highlight the Contributions of the Department in Generating New Knowledge, Basic or Applied:**

All the faculty members of the department are engaged in research activities and committed for teaching and learning.

**51. Detail Five Major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:**

**Strength**

- i. Conducive and Cooperative environment
- ii. Dedicated team of teachers
- iii. Syllabi according to CBCS system
- iv. Modern style of teaching
- v. Healthy relationship between students and faculty

**Weaknesses**

- i. Poor Communication skills of the students
- ii. High Proportion of the local students
- iii. Shortage of teaching staff
- iv. Lack of Senior faculty
- v. Insufficient Infrastructure

**Opportunities**

- i. Collaboration with Industries

- ii. Scope of targeting rural area for improving education among youth
- iii. Scope of introducing job oriented programmes.

**Challenges**

- i. Poor Transportation connectivity
- ii. Turbulent technological and economical scenario
- iii. Organizing national and international conferences and workshop

**52. Future Plans of the Department:**

- To introduce B.Com (Hons) programme
- To introduce research programme (M.Phil. & Ph.D.)
- To establish computer lab with required software(SPSS,STATA,Eviews)
- To collaborate with industries

## Department of Computer Science

1. **Name of the Department:** Department of Computer Science
2. **Year of establishment:** 2013
3. **Is the Department part of a School/Faculty of the university?**  
Yes, School of Computer Science and Informatics
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**  
MCA (since 2013)
5. **Interdisciplinary programmes and departments involved**  
Under CBCS scheme, we offer 'Generic Elective' and 'Discipline Centric Elective' courses that can be opted by the students from other departments. Students from the Department of Tourism and Hotel Management and Department of Physics have opted for Generic Elective course offered by our department.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**  
Department is running no course in collaboration with other universities right now. But such collaborations can be planned in near future.
7. **Details of programmes discontinued, if any, with reasons**  
No programmes have been discontinued.
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
Semester & Choice Based Credit System
9. **Participation of the department in the courses offered by other departments**  
Yes, the department is adhering to CBCS examination system and as a part of this model, 'Generic Elective' and 'Discipline Centric Elective' courses are supposed to be taken from other departments of university. Students of department have opted courses offered by Department of Mathematics, Psychology, Geography.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	04	03(Contractual)	03(Contractual)
<b>Others</b>	00	00	00

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided for the last 4 years
Dr. Sunil Bharti	Ph.D, M.Tech, MCA, NET	Assistant Professor	Computational Neuroscience	1 year	Nil
Ms. Sangeeta Rao	M.Tech, NET, GATE	Assistant Professor	Computer Science and Engineering	1 year and 5 months	Nil
Ms. Monika	M.Tech, JRF, NET, GATE	Assistant Professor	Computer Science and Engineering	0 year and 3 months	Nil

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

Nil

**13. Percentage of classes taken by temporary faculty – programme-wise information**

MCA - 100% classes are being taken by temporary faculty. Teaching positions for permanent faculty have already been advertised by the University and the recruitment is in process.

**14. Programme-wise Student Teacher Ratio**

MCA - 20:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Sanctioned - 1 (Computer Lab Attendant) , Filled – 1, Actual – 1

**16. Research thrust areas as recognized by major funding agencies**

The faculties have worked in the areas of Computational Neuroscience and Wireless Sensor Networks. But department has not received any grant from any funding agency.

**17. Number of faculty with ongoing projects from**

<b>National</b>	Nil
<b>International funding agencies and</b>	Nil
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	Nil

**18. Inter-institutional collaborative projects and associated grants received**

<b>National collaboration</b>	Nil
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<b>International collaboration</b>	Nil
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Department is going to plan for such collaborative projects in near future.

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Department will be applying for such funded projects once the recruitment for permanent faculty positions is done.

**20. Research facility / centre with**

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

**21. Special research laboratories sponsored by / created by industry or corporate bodies**

Department will be taking initiative for sponsored research laboratories.

**22. Publications:**

<b>Number of papers published in peer reviewed journals (national / international)</b>	04 (National)
<b>Monographs</b>	00
<b>Chapters in Books *</b>	00
<b>Edited Books</b>	00
<b>Books with ISBN with details of publishers</b>	01*
<b>Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	01
<b>Citation Index – range / average</b>	00
<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	00
<b>h-index</b>	00

**\*Dr. Sunil Bharti:**

Book Name: Edge Detection using Rough Set Theory

ISBN: 9783659768095

Publisher: Lambert Academic Publishing, Heinrich-Bocking- Str. 6-8, 66121, Germany.

**23. Details of patents and income generated**

Nil

**24. Areas of consultancy and income generated**

Nil

**25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad**

Nil

**26. Faculty serving in**

<b>National committees</b>	Nil
<b>International committees</b>	Nil
<b>Editorial Boards</b>	Nil
<b>Any other (please specify)</b>	Details given below.

**Dr. Sunil Bharti**

Faculty coordinator for Basic Computer Skills classes conducted by Training and Placement Cell

**Ms. Sangeeta**

Member of Admission Committee of University

**Ms. Monika**

Faculty representative of department of Computer Science in Swachh Bharat Abhiyan

**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

**Ms. Monika(Assistant Professor)**

<b>S. No.</b>	<b>Programme</b>	<b>Duration</b>	<b>Organised by</b>
1.	TEQIP-Sponsored Faculty Development Programme (13-17 January 2014)	One Week	DeenBandhu Chhotu Ram University of Science and Technology, Murthal, Sonapat

**28. Student projects**

Percentage of students who have done in-house projects including inter-departmental projects	Nil
Percentage of students doing projects in collaboration with other universities industry / institute	Nil

**29. Awards / recognitions received at the national and international level by**

Faculty	Nil
Doctoral / post doctoral fellows	Nil
Students	Mr. Pawan, Mr. Deepak, Mr. Arun (MCA 5 <sup>th</sup> sem) and Mr. Aaquib Bhatt (MCA 3rd sem) won <b>first prize</b> in a National Level Theatre event and enacted “Jan Se Mann Ki Jai Ho” play organized at G.D. Goenka University

**30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.**

Two days National Workshop “IBNC”, 29-30 January, 2015.

Source of funding: Student Registration Fee

**31. Code of ethics for research followed by the departments**

The research programmes are soon to be started.

**32. Student profile programme-wise:**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>Session 2013-14</b>					
MCA	55	7	0	100 %	100%
<b>Session 2014-15</b>					
MCA	310	20	6	100 %	100%
<b>Session 2015-16</b>					
MCA	320	15	8		

**33. Diversity of students**



Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2013-14</b>				
MCA	-	85.71%	14.28%	-
<b>Session 2014-15</b>				
MCA	-	26.92%	73.07%	-
<b>Session 2015-16</b>				
MCA	-	65.21%	34.78%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

<b>General</b>	Nil
<b>OBC</b>	Nil
<b>SC</b>	Nil
<b>ST</b>	Nil
<b>Total</b>	Nil

35. Student Progression

Student Progression	Percentage against enrolled
<b>UG to PG</b>	Nil
<b>PG to M.Phil.</b>	Nil
<b>PG to Ph.D.</b>	Nil
<b>Ph.D. to Post-Doctoral</b>	Nil
<b>Employed</b>	Nil
• <b>Campus selection</b>	Nil

• <b>Other than campus recruitment</b>	
<b>Entrepreneurs</b>	One student Deepak Yadav runs his own NGO “Sahyog” and very soon the body is going to be registered.

**36. Diversity of Staff**

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	0%
<b>from other universities within the State</b>	66.66%
<b>From universities from other States</b>	33.33%
<b>From universities outside the country</b>	0%

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

01. Dr. Sunil Bharti has been awarded Degree of Ph.D in Feb 2014 from JNU.

**38. Present details of departmental infrastructural facilities with regard to**

<b>Library</b>	Nil
<b>Internet facilities for staff and students</b>	Yes
<b>Total number of class rooms</b>	03
<b>Class rooms with ICT facility</b>	02*
<b>Students' laboratories</b>	01
<b>Research laboratories</b>	Nil

\*Procurement of multimedia projectors is in progress.

**39. List of doctoral, post-doctoral students and Research Associates**

<b>From the host institution/university</b>	Nil
<b>From other institutions/universities</b>	Nil

Research Programmes will be started soon.

**40. Number of post graduate students getting financial assistance from the university.**

04 students (Arun Kumar, Deepak, Jeetam, Rajesh) got financial assistance under “Earn while Learn Scheme” of the university.

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, the neighboring areas were surveyed in order to assess the need for each programme and based upon the interaction with stakeholders; the proposal for each course was considered and approved by the various academic bodies (BoS and School Board) of the university.

**42. Does the department obtain feedback from**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, through departmental meetings and the same is submitted for consideration of higher authorities.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, through interaction and the same is used to enhance teaching methods
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Nil, so far department has no alumni.

**43. List the distinguished alumni of the department (maximum 10)**

Nil, the first batch of department will pass out in June 2016. So, currently department has no alumni.

**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

1. Two days National Workshop “IBNC”, 29-30 January, 2015.
2. Special Lecture by subject experts is in process and will be organized very shortly.

**45. List the teaching methods adopted by the faculty for different programmes.**

- Structured Lectures
- Assignments and Discussions
- Power Point Presentations
- Practical in Computer Lab

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Necessary steps have been taken to ensure that various objectives are achieved by constant evaluation of feedback from students and faculty members.

**47. Highlight the participation of students and faculty in extension activities.**

Students have participated in various NSS events, cultural and theatre events, blood donation camps, Swachh Bharat Abhiyan and various plantation drives organized in campus.

- Mr. Pawan, Mr. Pankaj Bhardwaj and Mr. Rahul (MCA 5<sup>th</sup> sem) have participated in a Street Play organized by NSS in the Jant village.
- Mr. Pawan, Mr. Deepak, Mr. Arun (MCA 5<sup>th</sup> sem) and Mr. Aaquib Bhatt (MCA 3<sup>rd</sup> sem) won first prize in a National Level Theatre event and enacted “Jan Se Mann Ki Jai Ho” play organized

at G.D. Goenka University.

- Mr. Pankaj, Mr. Deepak Kumar and Mr. Pawan (MCA 5<sup>th</sup> sem) donated blood in a Blood Donation Camp at Chaudhary Ranbir Singh University, Jind.
- Mr. Pankaj, Mr. Pawan and Mr. Rahul (MCA 5<sup>th</sup> sem) participated in a play “Janmotsav” organized on Hindi Diwas in 2014 at CUH.
- Students have participated as volunteers in various activities conducted by **Legal Aid Clinic, Women Empowerment Cell** during the last three years.
- Mr. Pawan and Mr. Deepak (MCA 5<sup>th</sup> sem) have been part of various Sports Activities conducted in the universities.
- Students volunteered in a National Level Seminar organized by department of Statistics in 2013.
- Mr. Deepak (MCA 3<sup>rd</sup> sem) and Mr. Rahul (MCA 5<sup>th</sup> sem) actively participated in the plantation drive on 15 August, 2015.
- Mr. Deepak (MCA 3<sup>rd</sup> sem) participated in one day National Seminar on “*Cooperation for Cooperators*” held on 13 October, 2015.
- Mr. Deepak (MCA 3<sup>rd</sup> sem) donated blood in the Blood Donation Camp organized by Red Cross Society on 15 October, 2015 at CUH.

**48. Give details of “beyond syllabus scholarly activities” of the department.**

1. Two days National Workshop “IBNC”, 29-30 January, 2015 was organized by the department.
2. Dr. Sunil Bharti, Ms. Sangeeta and Ms. Monika are taking up Basic Computer Skills classes organized by Training and Placement Cell for the university students.
3. Students are engaged in providing remedial free of cost classes to the school going children of the village adopted by university (jant, pali).

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

Not yet. All the departments in university are in first phase of NAAC Accreditation.

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

A syllabus is designed to incorporate basic knowledge extending towards the deeper level of knowledge in the next semesters. And the syllabus is updated as per the need of industrial advancements.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strength**

- i. Department has Computer Labs with high speed internet facility
- ii. Latest versions of licensed softwares are installed in Labs
- iii. Faculty with diverse areas of teaching and research interests
- iv. Students from diverse background are enrolled in our programme
- v. Project work is included in curriculum to enhance practical knowledge of students

**Weakness**

- i. Non Proximity to industrial hubs
- ii. No Research/Certified Lab

- iii. So far department is not collaborated with any industries or other universities
- iv. Lack of Senior/Visiting/Permanent Faculty. This will be overcome shortly as recruitment of permanent teaching faculty is in process
- v. Currently department is not running any integrated research program

#### **Opportunities**

- i. Providing industrial exposure to students by organising workshop
- ii. Expanding technical knowledge for job perspective of students
- iii. Developing IT infrastructure in the university
- iv. Providing fundamental knowledge of computer and internet
- v. Providing opportunities to students to opt subjects of their interest for their holistic development

#### **Challenges**

- i. Student's Placement
- ii. To establish research and certified labs
- iii. To build a student exchange program with renowned IT institutions.
- iv. To attract students from other countries
- v. To overcome locational disadvantage and attract various IT industries for on campus recruitment.

#### **52. Future plans of the department.**

- MCA integrated 5 –year (approved) may be started
- Initiating research programmes – Ph.D., M. Tech., M.Phil
- Organising Industrial Tour
- Collaborations with esteemed IT industries and educational institutions
- Conducting Workshops/Seminar/Conference per semester
- Developing Certified Lab
- Developing Research Lab
- Engaging Visiting Professors or Adjunct Faculty

## Department of Economics

1. **Name of the Department** : Economics
2. **Year of establishment** : 2009-10
3. **Is the Department part of a School/Faculty of the university?**  
Yes, School of Arts, Humanities and Social Sciences.
4. **Names of programmes offered (PG, M.Phil., Ph.D)**
  - PG (MA)
  - M.Phil.
  - Ph.D
5. **Interdisciplinary programmes and departments involved:**  
Though the department doesn't offer any Inter-disciplinary programme, most of the topics of research in M.Phil and Ph.D are of inter/multidisciplinary nature.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**  
Being in the development stage, Department doesn't have collaborations, however department is committed to have collaborations with different institutions in near future.
7. **Details of programmes discontinued, if any, with reasons:**  
No Programme has been discontinued
8. **Examination System:**  
Semester/Choice Based Credit System:  
The department adopts Semester System with 100% implementation of Choice Based Credit System (CBCS).
9. **Participation of the department in the courses offered by other departments:**  
Yes, with the adoption of Choice Based Credit System (CBCS) in the University, the students of the department participate in the courses offered by other departments including Management, Commerce, Mathematics and Statistics.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	04	04	04
<b>Others</b>	00	00	00

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 Years
<b>Dr. Ranjan Anjea</b>	M.A, M.Phil, Ph.D, UGC-NET (Economics), MBA (Finance)	Assistant Professor	Economic Modelling and Policy Analysis	08	04/03 01PhD Submitted 03 M.Phil Submitted
<b>Ms. Rashmi Tanwar</b>	M.A., NET, ICSSR fellow, Pursuing Ph.D	Assistant Professor	Development and planning, Rural and Agriculture Development	1.5	NIL
<b>Ms. Renu</b>	M.A., M.Phil, NET, JRF, Pursuing Ph.D	Assistant Professor	Agricultural Economics, Rural Development, Indian Economics	03	NIL
<b>Mr. Manoj Kumar</b>	M.A., M.Phil, UGC-NET/JRF, Ph.D (Submitted)	Assistant Professor	Microeconomics , Macroeconomic s, Econometrics	1 Month	NIL

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

- Prof. Nausad Ali Azad, Department of Economics, Jamia-Milia-Islaimia University, New Delhi
- Prof. U P Sinha, Department of Economics, TM University, Bhagalpur
- Prof. Tapan Chore, Department of Economics, Vikram University, Ujjain
- Prof. Sajal Mukharji, Head, Department of University, Vinobha Bhave University
- Prof. N.S. Bisth, HP University, Shimla
- Prof. N K Bishnoi, Haryana School of Business, GJUST, Hisar
- Prof. Narain Sinha, Former Head, Department of Economics, University of Rajasthan, Jaipur
- Prof. M.M Goyal, Department of Economics, Kurukshetra University, Kurukshetra
- Prof V.N Atri, Department of Economics, Kurukshetra University, Kurukshetra
- Prof Alpana Kateja, Department of Economics, University of Rajasthan, Jaipur

**13. Percentage of classes taken by temporary faculty – programme-wise information**

M.A.-1<sup>ST</sup> 20 % (By Contractual Faculty)

M.A.-2<sup>ND</sup> 20% (By Contractual Faculty)

**14. Programme-wise Student Teacher Ratio :**

M.A.-1: (6:1),

M.A.-2: (2.5:1),

M.Phil (9:1),

Ph.D (8:1)

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**



Presently the department doesn't have any support staff but the University is in process of recruiting the required staff.

**16. Research thrust areas as recognized by major funding agencies :**

- Regional Economics
- Development Economics

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

<b>National</b>	One Major Research Project from ICSSR, New Delhi, Entitled "A Study of Regional Divergence in Growth of Haryana: A District Level Analysis. The amount of Rs. 5.5 lakh has been sanctioned. One Major Research Project applied to UGC for funding.
<b>International funding agencies and</b>	Nil
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	5.5 Lakh

**18. Inter-institutional collaborative projects and associated grants received**

NIL

a) National collaboration

b) International collaboration

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

NIL

**20. Research facility / centre with NIL**

- state recognition
- national recognition
- international recognition

**21. Special research laboratories sponsored by / created by industry or corporate bodies**

Nil

**21. Publications:**

<b>Number of papers published in peer-reviewed journals (national / international)</b>	26
<b>Monographs</b>	00
<b>Chapters in Books *</b>	10

<b>Edited Books</b>	00
<b>Books with ISBN with details of publishers</b>	01
<b>Number listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	00
<b>Citation Index – range / average</b>	03
<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	1.3
<b>h-index</b>	01

**22. Details of patents and income generated**

Department shall take necessary measures in consultation with corporate and industry in future.

**23. Areas of consultancy and income generated:**

University is in the process of engaging senior faculty in the form of Adjunct Professors/Visiting fellows and consultancy services may be started in future on assessing and mapping the needs of the area.

**24. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad**

Dr. Ranjan Aneja, Assistant Professor

**Editorial Board:**

- International Journal of Liberal Arts and Social Science
- Advances in Economics and Business, Horizon Research Publishing Corporation

**Other Committees:**

- Member, Academic Council, Central University of Rajasthan, July 2013 to April 2014.
- Member, Internal Quality Assurance Cell (IQAC), Central University of Haryana.
- Member, Investment committee, CUH.
- Nodal Officer, Unnat Bharat Abhiyan
- Member, Career Counselling, Training and Placement Cell of the University.
- Member, Research Promotion Cell, Central University of Haryana
- Member, Prospectus Committee, 2015-16
- Life Member, Haryana Economic Association
- Nodal Officer, Unnat Bharat Abhiyan Cell
- Convenor, National Conference on “Critical Issues of Indian Economy, Organised by Department of Economics, Central University of Rajasthan during 22-23 January, 2014
- Member, Flying Squared, End-Semester Examination, May, 2015
- Member, National Conference on Environmental Degradation: Effect, Challenges and

Remedies, 25-27 February, 2010, JCDM College of Engineering, Sirsa

**Ms. Renu**

- Member, SC/ST Cell, CUH
- Member, Organising Committee, National Seminar on “Cooperation for Cooperators” held on 13 October, 2015
- Member, Organising Committee, International Girl Child Day, at Jant-Pali on 09 October, 2015.
- Member, Organising Committee, Independence Day Celebrations.

**Ms. Rashmi Tanwar**

- Co-coordinator, Art and Cultural Committee, CUH
- Member, Centre for Community Development, CUH
- Member, Earn While You Learn Scheme
- Member, Organising Committee, National Seminar on “Cooperation for Cooperators”, held on 13 October, 2015
- Member, Organising Committee, International Girl Child Day, at Jant-Pali on 09 October, 2015.
- Member, Organising Committee, Independence Day Celebrations.

**25. Faculty recharging strategies (UGC, ASC, Refresher / Orientation Programs, Workshops, Training programs and similar programs).**

S. No.	Name of Faculty	Programme	Duration	Organised by
1.	Dr. Ranjan Aneja	UGC-Sponsored Orientation Programme	28 days (06/05/2013 to 1/06/2013)	ASC, GJUST, Hisar
2	Dr. Ranjan Aneja	10 <sup>th</sup> Refresher Course in Public Economics	02 Weeks (25 May, 2015 to 05 June, 2015)	NIPFP, New Delhi
3	Ms. Renu	05 Days Refresher Course	24/08/2015 to 28/08/2015	NCUI, New Delhi

**26. Student projects**

- **Percentage of students who have done in-house projects including inter-departmental projects:** M.PHIL- (admitted=project submitted) 100%
- **Percentage of students doing projects in collaboration with other universities/ industry / institute:**10%

**27. Awards / recognitions received at the national and international level by NIL**

- Faculty : NIL
- Doctoral / post doctoral fellows: NIL
- Students : NIL

**28. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.**

NIL

**29. Code of ethics for research followed by the departments**

Yes, the department follows the code of ethics for research by adopting following measures:

- All research works are required to pass through the plagiarism check before submission of dissertation/thesis, mandatorily.
- Regular Classes of M.Phil and Ph.D course Work

**30. Student profile programme-wise:**

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>2012-13</b>					
M.A.	18	3	1	100%	100%
M.PHIL.	20	0	5	100%	100%
PH.D.	23	1	3	100%	-
<b>2013-14</b>					
M.A.	25	3	2	100%	100%
M.PHIL.	29	5	2	100%	100%
PH.D.	NIL				
<b>2014-15</b>					
M.A.	424	4	6	-	-
M.PHIL.	158	5	2	-	-
PH.D.	192	2	3	-	-
<b>2015-16</b>					
M.A.	235	14	34	100%	95%
M.PHIL.	215	19	13	100%	100%
PH.D.	198	7	10	100%	100%

**31. Diversity of students**

Name of the Programme (refer to question no. 4)	% of Students from the Same University	% of students from other Universities within the State	% of students from universities outside the State	% of students From Other countries
M.A.	Nil	66%	34%	Nil
M.PHIL.	28%	Nil	78%	Nil
PH.D.	60%	20%	20%	Nil

**32. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

- Mr. Chhatar Pal UGC-NET
- Mr. Manoj Kumar UGC-NET/JRF
- Ms. Anita UGC-NET/JRF
- Mr. Tarun UGC-NET/JRF
- Ms. Rashmi UGC-NET
- Mr. Bajrang UGC-NET/JRF
- Mr. Santosh UGC-NET
- Mr. Prem UGC-NET
- Ms. Mansi UGC-NET

**33. Student progression**

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	35%
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	Nil
Employed	
Campus selection	Nil
Other than campus recruitment	60%
Entrepreneurs	Nil

**34. Diversity of Staff**

Percentage of faculty who are graduates from	
Same University	20%
Other universities within the state	60%
Universities from other states	20%
Universities outside the country	No

**35. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: 1**

**36. Present details of departmental infrastructural facilities with regard to**

- |   |                              |
|---|------------------------------|
| a) Library                                    | <b>NIL</b>                   |
| b) Internet facilities for staff and students | <b>Yes, Fully WI-FI</b>      |
| c) Total number of class rooms                | <b>Campus<br/>03 (Three)</b> |
| d) Class rooms with ICT facility              | <b>03</b>                    |
| e) Students' laboratories                     | <b>NIL</b>                   |
| f) Research laboratories                      | <b>NIL</b>                   |

**37. List of doctoral, post-doctoral students and Research Assistant/ Associates**

- |   |            |
|---|------------|
| a) From the host institution/university | <b>NIL</b> |
|---|------------|

- a) From other institutions/universities 1

**38. Number of post graduate students getting financial assistance from the university.**

- None of post graduate student getting financial assistant from university.
- All 8 Students enrolled in M.Phil are receiving University Non-NET Fellowship.
- All the Non-NET regular Ph.D scholars are receiving University Non-NET Fellowship.

**39. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, the neighbouring feeding institutions were surveyed and interactions were conducted with the stakeholders in order to assess the need for each programme. Thereafter, the proposal for each course was considered and approved by the various academic bodies of the university.

**40. Does the department obtain feedback from**

**i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

To improve the teaching learning methods.

**ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Discussion with observations on different activities which help to improve the teaching learning skills

**iii. Alumni and employers on the programmes offered and how does the department utilize the feedback?**

To promote the students to connect with alumni for better opportunities. Discussion with alumni on relevant field of programmes offered

**41. List the distinguished alumni of the department (maximum 10)**

- Dr. Chhater Pal (Research Associate, Institute of Economic Growth, New Delhi)
- Dr. Surender (Assistant Professor, CDL University, Sirsa)
- Mr. Birbarta Panda (Economist, FXWire, Chennai)
- Ms. Rashmi (Assistant Professor, Central University of Haryana)
- Mr. Ravinder (PGT Lecturer, HPSC, Haryana)
- Mr. Chand Ram (PGT Lecturer, HPSC, Haryana)
- Ms. Sunita (PGT Lecturer, HPSC, Haryana)
- Mr. Manoj Kumar, (Assistant Professor, Central University of Haryana)
- Ms. Amita (Research Scholar, JNU, Delhi)
- Mr. Santosh kumar ((Research Scholar, JNU, Delhi)
- Mr. Umar Banday (Research Scholar, JMI University, New Delhi)

**42. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Nil

**43. List the teaching methods adopted by the faculty for different programmes.**

- Lecture method
- PPT Presentations & Discussions
- Open Book Exams

- Interactive Teaching based on ICT
- Discussion
- Debates on current economic issues
- Cooperative learning
- Computer Assisted learning
- Assignments

**44. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Necessary steps have been taken to ensure that various objectives are realised, by considering and evaluating feedback from different stakeholders, including students, faculty members, parents, academia and alumni

**45. Highlight the participation of students and faculty in extension activities.**

Students and faculty of the department contribute in certain activities for:

- Sensitisation and awareness programmes
- Clean Campus Initiatives
- Gender Sensitization Programmes
- Curriculum and Content Development
- NSS Activities

**46. Give details of “beyond syllabus scholarly activities” of the department.**

Observations on research work of research scholars

Presentation

**47. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

No, the department is in the process of the first cycle of NAAC accreditation.

**48. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Both basic and applied research activities at MA, M.Phil and Ph.D level have been carried out in the Department.

**49. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths**

- i. Department is enriched with four faculty members.
- ii. Most of the PG students have qualified UGC-NET/JRF after joining the department.
- iii. Department has always been active in multicultural activities since 2009.
- iv. Syllabus structured in tune with the global trends and contemporary relevance in the field of Economics.
- v. Seats of M.A. and M.Phil have been filled.

**Weakness:**

- i. Quality of research work yet to be improved.
- ii. Faculty members on senior positions has to be appointed.
- iii. Departmental library has to be established.



- iv. Supporting staff has to be provided.
- v. Full space for different academic activities has to be developed.

#### **Opportunities**

- i. Department has young and energetic faculty members.
- ii. Students staff is of high quality.
- iii. Department cooperation level is very high.
- iv. Two faculty members are pursuing doctoral research.
- v. The faculty members have enthusiasm for high quality teaching and research output.

#### **Challenges**

- i. Lack of permanent faculty can adversely affect the growth of the department.
- ii. The efforts for improvement in quality of doctoral research can reduce the numbers of scholars working in the department.
- iii. Lack of campus residence for faculty members can adversely affect their efficiency.
- iv. Lack of Departmental Library

#### **50. Future plans of the department.**

- The department has been planning for UGC Special Assistance Programme (SAP) First Stage.
- The department has been working on formulation of norms for improvement in quality of teaching and research work.
- The department has been carrying out the exercise for launching of a new course on master of agricultural economics and a new department of Rural Development.
- The department has been planning for establishment of cell for conducting socio economic survey on the emerging issues.
- The department has been working for establishment a department-centric placement cell.
- The department has submitted proposals for external funding of projects for individual teachers.

## Department of Education

1. **Name of the Department:** Department of Education
2. **Year of Establishment:** 2010
3. **Is the Department part of a School/Faculty of the university?**  
Yes, School of Arts Humanities & Social Sciences
4. **Names of Programmes Offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt. etc.)**
  - i. M.A.(Since 2010)
  - ii. Ph.D.(Since 2014)
  - iii. M.Phil. (Since 2014)
5. **Interdisciplinary Programmes and Departments Involved:**

Though the department doesn't offer any Inter-disciplinary programme however most of the topics of research in M.Phil and Ph.D are of inter/multidisciplinary in nature. Some of the inter/multidisciplinary topics of research pursued by the researchers are as under:

### M.Phil:

Sr. No.	Name of Student	Roll No.	Session	Topic of Research	Inter-disciplinary/ Multidisciplinary Focus	Supervisor
1.	Dilbag दिलबाग	5072	2014	Children with Special Needs and their Educational Aspiration: A Perceptive study of Peers of CWSN	Inclusive Education	Dr. Sarika Sharma
2.	Jyoti ज्योति	5074	2014	A Study of Leadership Style and Abilities Among Adolescents	Educational Leadership/ Management	Dr. Sarika Sharma
3.	Hari Krishan हरि कृष्ण	5073	2014	An Analytical study into managing stress and its impact on learning behavior of school teachers	Learning/ Psychology	Dr. Sarika Sharma
4.	Annu Kumari अन्नू कुमारी	5071	2014	Socio-Cultural and Educational Challenges of Third Gender	Gender studies	Dr. Renu Yadav
5.	Nitu Kumari	5076	2014	Study of Learning Styles in relation to	Educational	Dr. Renu

	नीतू कुमारी			Emotional Intelligence and Self-Concept of College Students	Psychology	Yadav
6.	Naveen Jain नवीन जैन	5075	2014	Relationship Between Scientific attitude and Achievement in Science Subject at Secondary Level	Teacher Education	Dr. Dinesh Chahal
7.	Satish Chand Saini सतीश चंद सैनी	5077	2014	A Comparative Study Of Awareness Between Primary & Middle Level Teachers About RTE ACT, 2009	Teacher Education	Dr. Dinesh Chahal
8.	Amarjit अमरजीत	6001	2015	Excessive use of electronic gadgets and its impact on mental health: A study in relation to mobile phone addiction among college students	Connecting with social Media	Dr. Sarika Sharma
9.	Rajesh Kumari राजेश कुमारी	6002	2015	Environmental Awareness And Ethics: A comparative study of in-service teachers of government and private schools	Environment	Dr. Sarika Sharma
10.	Parveez Ahmad परवेज़ अहमद	6003	2015	Understanding impact of learning style on academic achievement: An exploration in context of secondary school students	Learning/ Psychology	Dr. Sarika Sharma
11.	Anand Prakash आनंद प्रकाश	6040	2015	Exploring Effect of Administrative Behaviour on formation of Attitude among Teachers,	Education Administration	Dr. Sarika Sharma

				Parents And Students: A study in context of schools in Haryana		
12.	Altaf Rasool अल्ताफ रसूल	6041	2015	Understanding impact of Personality traits on Social Intelligence of Students: A Study in context of college going students of Jammu District	Personality Psychology /	Dr. Sarika Sharma
13.	Veenu Mehra वीनू महारा	6005	2015	Study of Women Safety in Higher Education: Qualitative exploration of Jammu District	Gender studies	Dr. Renu Yadav
14.	Shashi Kala शशि कला	6006	2015	Effect of leadership approach on learning organisation Quantitative & Qualitative Perspective	Leadership Behaviour	Dr. Renu Yadav
15.	Sachin Kumar सचिन कुमार	6004	2015	Effect of Youth Services on Social Intelligence: An exploration in the Context of Higher Education	Higher Education	Dr. Dinesh Chahal
16.	Teena Yadav टीना यादव	6039	2015	Evaluation of Mid-Day Meal programme in Mahendergarh district	Elementary Education	Dr. Dinesh Chahal

**Ph.D:**

Sr. No.	Name	Roll No.	Session	Topic	Inter-disciplinary/ Multidisciplinary Focus	Supervisor
1.	Suraj Kumar सूरज कुमार	5018	2014	Impact of CAI on the development of Motor, Academic and	Special Education	Dr. Sarika Sharma

				Communication Skills in Children with Mental Retardation		
2.	Ajay Kumar Yadav अजय कुमार यादव	5011	2014	Effect of Transformational Leadership of Principals on Job Satisfaction and Job Performance of Teachers	School Leadership	Dr. Renu Yadav
3.	Ashok Kumar अशोक कुमार यादव	5013	2014	Impact of Socio-Economic Status and Personality on Teaching Competency of Secondary School Teachers डॉ सारिका शर्मा	Teacher Education	Dr. Sarika Sharma
4.	Sanjay संजय	5017	2014	Study of Learning Outcome of Students in Relation to Pedagogical Content Knowledge of Elementary Teachers	Elementary Education	Dr. Dinesh Chahal
5.	Poonam Kumari पूनम कुमारी	5015	2014	Effect of Social Networking Addiction and Academic Self Concept in Adolescents on their Academic Achievement	Mass & Communication	Dr. Sarika Sharma
6.	Poonam Bharti पूनम भारती	5016	2014	Values And General Well Being Among High School Students In Relation To Socio-Demographic Variables	Value Education	Dr. Renu Yadav

7.	Meena Kumari मीना कुमारी	5014	2014	Teacher Effectiveness of Secondary School Teachers in Relation to Teaching Competency, Work Values and Spiritual Intelligence	Teacher Education	Dr. Dinesh Chahal
8.	Anita Rai अनीता राय	5012	2014	Value of Prospective Teachers in relation to their vocational Interest, Teaching Competency and Level of Aspiration of Central and State Universities: A comparative Study	Values	Dr. Sarika Sharma

6. **Details of Programmes Discontinued, if any, with Reasons:** NA

7. **Courses in Collaboration with Other Universities, Industries, Foreign Institutions, etc.:**

Department is involved in collaboration with neighbouring schools and in the process of establishing link with other institutions of India & Abroad

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**

The department adopts Semester System with 100% implementation of Choice Based Credit System (CBCS).

9. **Participation of the Department in the Courses Offered by Other Departments:**

Yes, with the adoption of Choice Based Credit System (CBCS) in the University, the students of the department participate in the courses offered by other departments including History & Archaeology, Geography, Psychology, Sociology and Political Science.

10. **Number of Teaching Posts Sanctioned, Filled and Actual (Professors/Associate Professors/Asst. Professors/others):**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	00	00
Associate Professors	02	01	01
Asst. Professors	04	03	03
Others	00	00	00

11. **Faculty Profile with Name, Qualification, Designation, Area of Specialization, Experience and Research Under Guidance:**

Sr. No	Name	Qualifications योग्यता	Designation पद	Specialization विशेषज्ञता	No. of Years of Experience	No. of Ph.D/ M.Phil. Students guided for the last 4 years
4.	Dr. Sarika Sharma डॉ सारिका शर्मा	Ph.D. (Edu), M.Ed, M.A. (Eco. & Eng), MBA (HR), Diploma in Women Empowerment & Development, DACA	Associate Professor	Educational Administration , Management, Supervision & Finance”, Value Education, Teaching learning, women empowerment, HRM	19 Years	M.Phil.- 08 Ph.D.-06
5.	Dr. Renu Yadav डा. रेणु यादव	M.Sc. (Microbio.), M.Ed. M.Phil., NET, Ph.D (Edu.)	Assistant Professor	Educational Psychology	8 Years	M.Phil.: 04 Ph.D.: 02
6.	Dr. Dinesh डॉ. दिनेश	Ph.D. Edu, M.Ed, M.A. (History), M.M.C NET (History) & NET (Education)	Assistant Professor	Teacher Education, Guidance and Counselling	10 Years	M.Phil.: 04 Ph.D.: 02
7.	Aarti Yadav आरती यादव	M.A., M.Phil, NET, Ph.D (Submitted )	Assistant Professor	Educational Psychology, Value Education	07 Years	NIL

#### 12. List of Senior Visiting Fellows, Adjunct Faculty, Emeritus Professors:

Department is in the Process of inviting Senior Visiting Fellows, Adjunct Faculty, Emeritus Professors

#### 13. Percentage of Classes Taken by Temporary Faculty– Programme-Wise Information:

All faculty members are permanent.

#### 14. Programme-Wise Student Teacher Ratio:

- M.A.: 7.4:1
- M.Phil: 3:1



- Ph.D: 2.6:1

**15. Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned, Filled and Actual:**

Presently the department doesn't have any support staff but the University is in process of recruiting the required staff.

**16. Research Thrust Areas as Recognized by Major Funding Agencies:**

The faculty of the department has applied for the projects in following research areas: Teacher Education, Gender Issues, and School Education. However, department has not received any grants from any funding agency.

**17. Number of Faculty with On-Going Projects from:**

<b>National</b>	Four teachers of the department have applied for five major Research Projects to UGC and ICSSR.  <b>Thrust Areas:</b> <ul style="list-style-type: none"> <li>• Socio-Cultural Challenges of Girls Education</li> <li>• Sexual Harassment of Women in higher education</li> <li>• Effect of Social campaigns on female foeticide</li> <li>• Evaluation of Mid- Day Meal Scheme</li> <li>• Social Constructivism &amp; Pedagogy</li> </ul>
<b>International funding agencies and</b>	Nil
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	The department is awaiting the communication regarding the proposals submitted to above mentioned funding agencies.

**18. Inter-Institutional Collaborative Projects and Associated Grants Received:**

<b>National collaboration</b>	Nil
<b>International collaboration</b>	Nil

**19. Departmental Projects Funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; Total Grants Received:**

- Dr. Sarika Sharma: One Major Research Project (MRP) applied for funding to ICSSR — communication for interaction awaited
- Dr. Renu Yadav: Two Major Research Project (MRP) applied for funding to ICSSR & UGC— communication for interaction awaited
- Dr. Dinesh: One Major Research Project (MRP) applied for funding to ICSSR —communication for interaction awaited

- Ms. Aarti Yadav: One Major Research Project (MRP) applied for funding to ICSSR — communication for interaction awaited

**20. Research Facility / Centre With:**

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

**21. Special Research Laboratories Sponsored by/Created by Industry or Corporate Bodies:**

Nil

**22. Publications:**

<b>Number of papers published in peer-reviewed journals (national / international)</b>	Faculty: 19 Students: 14
<b>Monographs</b>	0
<b>Chapters in Books *</b>	03
<b>Edited Books</b>	1
<b>Books with ISBN with details of publishers</b>	5
<b>Number listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	00
<b>Citation Index – range / average</b>	00
<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	0.072-5.74
<b>h-index</b>	00

**23. Details of Patents and Income Generated:**

Department shall take necessary measures in consultation with corporates and industry to prepare roadmap to file patents

**24. Areas of Consultancy and Income Generated:**

University is in the process of engaging senior faculty in the form of Adjunct Professors/Visiting fellows and consultancy services may be started in future on assessing and mapping the needs of the area.

**25. Faculty Selected Nationally/Internationally to Visit other Laboratories / Institutions/ Industries in India and Abroad:**

Faculty visit different reputed institutions like NUEPA, IITs, SCERT, NCERT, IIM and Various institutions of higher education in India and abroad.

**26. Faculty Serving in A) National Committees B) International Committees C) Editorial Boards D), Any Other (Please Specify):**

**Dr. Sarika Sharma: Member/ Chaired Session/ Editor:**

- Member, All India Association of Teacher Education (3100)
- Member, All India Association of Educational Research (0033)
- Member, International Association of Academician & Research (Inaar/0649)
- Member, Bhartiya Yog Mahasangh
- Life Member, Indian Red Cross Society

**Other Committees in Central University of Haryana**

- Proctor
- Dean, School of Physical & Mathematical Sciences (2014-15)
- Dean, School of Computer Science & Informatics (2015)
- Head, Department of Education
- Additional charge of HOD of Department of (Statistics, Physics, Psychology, Geography, Environmental Science)
- Member, Executive Council, (Since 2015)
- Member, Academic Council, (Since 2014)
- Chairperson, University Internal complaint Committee
- Convener, Cell for Persons with Disability
- Member, Admission Committee
- Convenor, Discipline Committee
- Member, Anti-Ragging Cell
- Convenor, One Week Workshop on Research Methodology and Data Analysis using SPSS, April 15-20, 2015
- Warden, Girls Hostel during the session 2014-15.
- Member, School Board of School of Arts, Humanities and Social Sciences
- Member, Board of Studies of School of Arts, Humanities and Social Sciences
- Member, Curriculum Reform Meeting
- Member, Flying Squad in End Term Examination, 2014
- Member, University UMC 2014, 2015
- Convener, syllabus Development Committee of the subjects M.Phil. & Ph.D. in Education, M.A. Sociology, M.A. psychology, M.A. Geography, History & Archaeology, Physics, M.A. Education.
- Speaker in International Girl Child day on 10<sup>th</sup> October, 2014
- Member, Editorial Board, *Journal of Central University of Haryana An International Multidisciplinary Referred Research Journal* ISSN: 2348-3377 Vol.01 Number 01 March 2014
- Member, Editorial Board International Journal NAVODIT (ISSN 2947-4300)
- Member, Editorial Board International Academic Journal of Research ISSN 2348-7070 April

2014 publisher from Faridabad.

**Dr. Renu Yadav**

**Editorial Board:**

- Member, Editorial Board, *Souvenir* (a University Publication), March 2014, Central University of Haryana.
- Member, Editorial Board, Innovation Exhibition Booklet, March 2014, Central University of Haryana.
- Member, Editorial Board, Inspired Teachers Booklet, March 2014, Central University of Haryana.
- Member, Editorial Board, Journal of Education & Social Policy, Published by Ideas for Promoting Ideas, USA, quarterly peer reviewed journal, ISSN 2375-0782 (Print) 2375-0790 (Online), 2014
- Member, Editorial Board, European Journal of Business Management, Open Access Journal, Impact factor 4.8, 2014.
- Reviewer, Journal of the International Society for Teacher Education, Hong Kong (Peer Reviewed, International Journal), ISSN1029-5968
- Member, International Society for Development and Sustainability (ISDS), Japan
- Member, All India Teacher Educators Association
- Member, American Psychological Association

**Other Committees in Central University of Haryana**

- Convenor, Women Empowerment Cell
- Coordinator, Swachh Bharat Abhiyan
- Member, School Board of School of Arts, Humanities and Social Sciences
- Member, Board of Studies of School of Arts, Humanities and Social Sciences
- Member, Curriculum Reform Meeting
- Member, Sensitization, Prevention and Redressal of Sexual Harassment Committee, 2015, (Chairperson, University Complaint Committee, 2014)
- Member, Central Placement Cell
- Female Counsellor, Youth Red Cross
- Member, Skill Development, Innovation and Entrepreneurship Cell
- Member, Sports Development Committee
- Member, Publication Division
- Member, Centre for Community Development
- Member, Admission Committee
- Convenor, Subcommittee of admission for Stage coordination
- Member, Flying Squad in End Term Examination, 2014 - 2015
- Member, OBC Cell
- Joint Secretary of One Week Workshop on Research Methodology and Data Analysis using SPSS, April 15-20, 2015, at Central University of Haryana.
- Coordinator, Innovation Club, 2014
- Member, Skill Development and Capacity Building Cell, 2011-2014
- Member, Anti-Ragging Committee, 2011-2014
- Member, Committee for Atrocities against SC, ST, 2012-2013

- Member, Group for Promotion of Culture, Arts and Heritage, 2011-2014
- Students' Coordinator, 2011-2014.

### **Dr. Dinesh**

#### **Member:**

- Member, Editorial Advisory for Journal- Milestone Education Review (ISSN 2278-2168)
- Life Member of NGO 'SEED' (Society for Education and Environment Development)
- Life Member of AIAER (All India Association for Educational Research)
- Life Member of CTE (Council of Teacher Education) Punjab/Chandigarh and Haryana Chapter
- Life Member of AIATE (All India Association of Teacher Education)
- Life Member of Learning Community

#### **Other Committees in Central University of Haryana**

- Coordinator, NSS (National Service Scheme)
- Coordinator, YRC (Youth Red Cross).
- Three Times University Observer at Hisar and Mahendergarh Centres of CUCET Exam 2014 and 2015 (26&27<sup>th</sup> April, 17<sup>th</sup> May 2014 and 6<sup>th</sup> & 7<sup>th</sup> June 2015)
- Member Board of Studies, Department of Education.
- Dy. Supdt. (Spot Evaluation) End Semester Examination May, 2014 & December 2014.
- Member Examination (Review & Reform) Committee.
- Member Syllabi Committee for Education Department, CUH (Ph.D., M.Phil. and M.A.).
- Member Admission Committee for Education Department, (Ph.D., M.Phil. and M.A.)
- Member, Career Counselling, Training and Placement Cell, (2014).
- Member, Skill Development, Innovation and Entrepreneurship Cell (2015).
- Dy. Supdt. End Semester Examination May, 2015.
- Member, Committee of Hostel Accommodation.
- Member, Committee of Requirements.
- Member, Committee of Reimbursement of Mobile expenses.
- Member, Committee of Physical Verification of items held in stock.
- Member, Swatchh Bharat Abhiyan.
- Member, Centre for Community Development.
- Member, Committee of Annual Report Publication.

### **Ms. Aarti Yadav**

- Coordinator, Group for Promotion of Arts, Culture and Heritage.
- Coordinator, Movie Club.
- Member, Unnat Bharat Abhiyaan.
- Member, NAAC SSR Preparation Committee, 2015
- Departmental Teacher in charge for Swatch Bharat Abhiyaan.
- President, Chapter of SPIC MACAY, Central University of Haryana.
- Joint Secretary of SPSS workshop
- Member, Board of Studies of Department of Psychology, 2014
- Member, IQAC, 2014
- Female counsellor of YRC at State-level camp at Panchkula from 29/8/15 to 4/9/15 and at

National Camp December 2014 at Bharathiar University, Coimbatore.

**Member Research Bodies**

- Life Member, All India Association for Educational Research
- Member, Association of Indian Universities
- Member, American Psychological Association

**27. Faculty Recharging Strategies (UGC, ASC, Refresher / Orientation Programmes, Workshops, Training Programs and Similar Programs):**

**I. Dr. Sarika Sharma:**

S.L	Programme	Duration Organised by	Duration
1.	Workshop on Communicative approach to English language	Franks Bo. & Co.,	June 1998.
2	Faculty Development Programme on Contemporary issues in Management”	AICTE-ISTE at GGSIP University, Delhi	08.03.2004 to 19.03.2004.
3.	Management Summit-04 on “Services Management: Mission Change India: Inc.	GGSIP Univ. Delhi, School of Management Studies at Marriott Welcome Hotel New Delhi.	March, 12 <sup>th</sup> , 2004
4.	Orientation Programme for Teacher Educators	Centre for Cultural Resources & Training (CCRT), Ministry of Culture, Govt. of India	10.01.2005 to 25.01.2005
5	Refresher Course for Teacher Educators	UGC Sponsored ASC Jamia Millia Islamia, New Delhi	16.05.2006 to 05.06.2006
6	Orientation Training Programme for College Principals on Inclusive Education	National Institute on Educational Planning and Administration (NIEPA), Delhi	27.09.2006 to 29.09.2006.
7	Refresher Course for Teacher Educators	UGC Sponsored ASC Jamia Millia Islamia, New Delhi	04.04.2007 to 25.04.2007
8	Faculty Development Programme on Examination Reform And Continuous & Comprehensive Evaluation	Ganga Institute Of Education, Kablana Jhajjar Haryana.	30.04.2011
9	Training Workshop on “Role of Risk Analysis in the Development and Implementation of Food Safety Programmes and Standards”	National Institute of Nutrition, Hyderabad.	20 to 22 June, 2011

10	Workshop on Teaching Online Courses with Moodle MOOC	National University of Educational Planning and Administration (NUEPA), Delhi	26 to 28 August, 2015
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**II. Dr. Renu Yadav:**

S..	Programme	Duration	Organised by
1.	Orientation Programme	28 Days (June 19-July 17, 2014)	UGC Academic Staff College, Central University of Hyderabad
2	Refresher Programme on Education	21 Days (Feb. 3,-Feb 24, 2015)	UGC Academic Staff College, University of Kerala, Thiruvananthpuram

**III. Dr. Dinesh:**

Sr..	Programme	Duration	Organised by
2.	Orientation Programme	28 Days (01/6/2007 to 28/06/2007)	UGC-ASC, Panjab University Chandigarh
3.	Refresher Course on Information Technology (ID)	21Days (10/09/2008 to 30/09/2008)	UGC-ASC, Panjab University Chandigarh
4.	Refresher Course (ID)	21Days (09/06/2014 to 28/06/2014)	UGC-ASC, University of Kashmir, Srinagar(J&K)

**IV. Ms. Aarti Yadav:**

Sr. No.	Programme	Duration	Organised by
1.	Orientation Programme	28 Days (June 19-July 17, 2014)	UGC Academic Staff College, Central University of Hyderabad

**28. Student Projects:**

Percentage of students who have done in-house projects including inter-departmental projects <b>All Enrolled M.A. Education Students</b>	100%
Percentage of students doing projects in collaboration with other universities,	Nil

industry / institute	
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**29. Awards / Recognitions Received at the National/ International Level By:**

<b>Faculty</b>	Nil
<b>Doctoral /Post-doctoral fellows</b>	Nil
<b>Students</b>	Nil

**30. Seminars/Conferences/Workshops organized and the source of funding (National/International) with details of outstanding participants, if any.**

One Week Workshop on Research Methodology and Data Analysis using SPSS, April 15-20, 2015, at Central University of Haryana Jointly organised by Department of Statistics and Department of Education.

**31. Code of Ethics for Research followed by the Departments:**

Yes, the department follows the code of ethics for research by adopting following measures:

- All research works are required to pass through the plagiarism check before submission of dissertation/thesis, mandatorily.
- Regular Classes of M.Phil and Ph.D course Work

**32. Student Profile (Programme-wise):**

Name of the Programme	Applications received	Selected	Pass Percentage
		Male-Female	Male- Female
<b>Session 2010-11</b>			
M.A. Education		4	100%
<b>Session 2011-12</b>			
M.A. Education		7	100%
<b>Session 2012-13</b>			
M.A. Education	14	10	100%
<b>Session 2013-14</b>			
M.A. Education	25	10	100%
<b>Session 2014-15</b>			
M.A. Education	120	12	100%



M.Phil	135	7	Result Awaited
Ph.D.	193	8	Completed course Work
<b>Session 2015-16</b>			
M.A. Education	63	14	Cont.
M.Phil	199	9	Cont.
Ph.D.	240	0	0

**33. Diversity of Students:**

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2010-11</b>				
M.A.	0%	100%	0%	0%
<b>Session 2011-12</b>				
M.A.	0%	85.71%	14.29%	0%
<b>Session 2012-13</b>				
M.A.	0%	100%	0%	0%
<b>Session 2013-14</b>				
M.A.	0%	100%	0%	0%
<b>Session 2014-15</b>				
M.A.	0%	85.71%	14.29%	0%
M.Phil.	50%	12.5%	37.5%	0
Ph.D.	25%	50%	25%	0
<b>Session 2015-16</b>				
M.A.	0%	80%	20%	0%

M.Phil.	33%	33%	33%	0
Ph.D.	0	0	0	0

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

**NET/SET/JRF**

<b>General (1)</b>	1. Surender Dagar, NET
<b>OBC (9)</b>	1. Shatrugan Bhardwaj, NET 2. Ajay Kumar Yadav, NET-JRF 3. Sanjay, NET 4. Annu Kumari, NET 5. Shashi Kala, NET 6. Jyoti, NET 7. Harikishan NET 8. Lalit Kumar, NET 9. Poonam Kumari, NET-JRF
<b>SC/ST (4)</b>	1. Neetu Kumari, NET-JRF 2. Aruna Kumari, NET-JRF 3. Vidya Sagar, NET 4. Rajkumar, NET
<b>Total (14)</b>	14

**35. Student Progression:**

<b>Student Progression</b>	<b>Percentage against enrolled</b>
<b>UG to PG</b>	Nil
<b>PG to M.Phil.</b>	6
<b>M.Phil to Ph.D.</b>	NIL
<b>Ph.D. to Post-Doctoral</b>	Nil
<b>Employed: Campus Selection:</b>	NIL

<b>Other than Campus Recruitment:</b>	<ul style="list-style-type: none"> <li>• Sunil Kumar</li> <li>• Annu Kumari</li> <li>• Jyoti</li> <li>• Surender Dagar</li> <li>• Lalit Kumar</li> <li>• Shatrughan</li> <li>• Nitu</li> <li>• Poonam Bharti</li> <li>• Meena Kumari</li> <li>• Poonam Kumari</li> <li>• Anita Rai</li> </ul>
<b>Entrepreneurs</b>	Nardev: NGO working on Women issues

**36. Diversity of Staff:**

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	0
<b>From other universities within the State</b>	0
<b>From universities from other States</b>	100%
<b>From universities outside the country</b>	Nil

**37. Number of Faculty who were Awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the Assessment Period:**

Ph.D: One teacher Ms. Aarti Yadav has submitted Ph.D. thesis

**38. Present Details of Departmental Infrastructural Facilities with Regard to:**

<b>Library</b>	Nil
<b>Internet facilities for staff and students</b>	Yes, the campus is fully Wi-Fi enabled
<b>Total number of class rooms</b>	03
<b>Class rooms with ICT facility</b>	Yes, Two classrooms have ICT facilities.
<b>Students' laboratories</b>	Yes
<b>Research laboratories</b>	Educational Psychology Lab is in process

**39. List of Doctoral, Post-Doctoral Students and Research Associates:**

<b>From the host institution/university</b>	<b>02 Doctoral Students Ph.D</b> <ul style="list-style-type: none"> <li>• Ajay Kumar Yadav</li> </ul>
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	<ul style="list-style-type: none"> <li>• Sanjay</li> </ul>
<b>From other institutions/ universities</b>	<b>06 Doctoral Students Ph.D</b> <ul style="list-style-type: none"> <li>• Anita Rai</li> <li>• Ashok Kumar Yadav</li> <li>• Poonam Bharti</li> <li>• Poonam Kumari</li> <li>• Meena Kumari</li> <li>• Suraj Kumar</li> </ul>

**40. Number of Post-Graduate Students Getting Financial Assistance from the University:**

- All Nine Students enrolled in M.Phil are receiving University Non-NET Fellowship.
- Four regular Ph.D scholars are receiving University Non-NET Fellowship.
- One Ph.D student, Ajay Kumar Yadav is receiving UGC Junior Research Fellowship

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, the neighbouring feeding institutions were surveyed and interactions were conducted with the stakeholders in order to assess the need for each programme. Thereafter, the proposal for each course was considered and approved by the various academic bodies of the university.

**42. Does the Department Obtain Feedback from:**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, through departmental meetings and the same is submitted for the consideration of academic bodies.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, through interaction and the same is considered while framing curriculum and teaching-learning evaluation.
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Yes, through interaction and meetings at regular intervals.

**43. List the Distinguished Alumni of the Department (Maximum Ten):**

<b>Name of Student</b>	<b>Job Profile/ Current occupation</b>	<b>Address</b>	<b>Email Id</b>
Surender Dagar	Accountant	Mahendergarh	Sdagar86@gmail.com
Sunil Kumar	Patwari	Jind	sunil27190@gmail.com
Sheetal	Pursuing Ph.D.	Jaipur	sheetalzyes@gmail.com

Nardev	Purusing Law	Rewari	Dev13286@gmail.com
Lalit	Working in private B.Ed. college	Mahendergarh	lalit_s_07@yahoo.com

**44. Give Details of Student Enrichment Programmes (Special Lectures / Workshops / Seminar) Involving External Experts:**

Department has initiated the series of Extension Lectures by the eminent scholars. The list of the eminent scholars identified by the Department includes the following:

Sr. No.	Name	Affiliation
1.	Justice Leila Seth, Prof. Yash Pal <b>(Workshop on Towards designing a roadmap-Implementation of RTE Act, 2009)</b>	Representative from Ministry, Delhi University, NCERT, Azim Prem Ji University, International Schools and NGO.  June 21, 2012
2.	<b>Prof. Saroj Sharma</b> (An over view on Education)	Dept. of Education, GGSIP University, Delhi
3.	<b>Prof. C.B.P. Singh</b> (PASS Model of Intelligence of J.P. Das,)	Department of Psychology, T. M. Bhagalpur University, Bihar on 16-09-2014
4.	<b>Prof. C.B.P. Singh</b> (Time Management & Classroom culture of Professional courses in the University System)	Department of Psychology, T. M. Bhagalpur University on 17-09-2014
5.	<b>Prof. Rajender Singh</b> (Recent Trends in Teacher Education & Relevance of two years B.Ed. Programme)	Department of Education, Kurukshetra University, Kurukshetra on 19-09-2014
6.	<b>Prof. M.M. Goyal</b> (Identification of Problem for Research at M.Phil. & Ph.D. Level Issues and discussions) And  (Designing of an effective Research Proposal)	Department of Economics, Kurukshetra University, Kurukshetra on 15.04.2015
7.	<b>Prof. Madhulika Banerjee</b> (Doing Ethnography & Research Fallacies)	University of Delhi, Delhi on 16.04.2015

8.	<b>Dr. Namita Rajput</b> (Thematic Content Analysis and Discourse Analysis.)	University of Delhi, Delhi on 16.04.2015
9.	<b>Dr. N.C. Ojha,</b> (Interpreting and Theorizing Results – How to write the discussion section of a research report based on qualitative data.)	RIE, Bhopal on 18.04.2015
10.	<b>Prof. Hemant Lata Sharma</b> (Live Discussions on Research Proposals and Projects – moderated by experts)	Dean, Faculty of Education, M.D. University, Rohtak, Haryana on 18.04.2015
11.	<b>Dr. Rajkumar</b> (Research Report Preparation and Publication)	CDLU Sirsa on 24.04.2015
12.	<b>Vinay Kumar</b> (Data Analysis using SPSS and MS-Excel)	IIT Kanpur on 17.04.2015

**45. List the Teaching Methods Adopted by the Faculty for Different Programmes:**

- Lecture Method
- Field Work
- Cooperative Learning
- Computer Assisted Learning
- Discussion Method
- Survey Method
- Project Method

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Necessary steps have been taken to ensure that various objectives are realised, by considering and evaluating feedback from different stakeholders, including students, faculty members, parents, academia and alumni.

**47. Highlight the Participation of Students and Faculty in Extension Activities: Since 2014**

S.N.	Date & Name of activity	Initiated by
1	<ul style="list-style-type: none"> <li>• Convener, Gown Distribution Committee, First Convocation of University, March 1, 2014</li> <li>• Member, Reception Committee, First Convocation of University, March 1, 2014</li> <li>• Panellist in Big Debate- Women in Decision Making at CUH, April</li> </ul>	<b>Dr. Sarika Sharma</b>

	<p>22, 2014</p> <ul style="list-style-type: none"> <li>• Panellist in Big Debate on Prime Minister Narendra Modi's 5 T's at CUH, 7 August, 2014</li> <li>• Speaker in International Girl Child day on 10<sup>th</sup> October, 2014</li> <li>• "Contribution of Maulana Abul Kalam Azad in the Field of Education in India" Talk on National Education Day in Department of Law on 11.11.2014</li> <li>• Discussion on Culture and Values, Dept. of Edu CUH, 14.01.2015</li> <li>• An Overview of Educational Administration, Department of Geography – 24.08.2015</li> <li>• An Overview of Educational Administration, Management &amp; Planning) Department of Psychology 25.08.2015</li> <li>• Member Organising Committee, National Seminar on "Cooperation for Cooperatives" on 13.10.2015</li> <li>• Convener National event in Department of Computer Science</li> <li>• Convener Quiz Competition, Department of Geography &amp; Mathematics.</li> </ul>	
2	<ul style="list-style-type: none"> <li>• Coordinated Social Outreach Programme: A Play in Campus &amp; Neighbouring at Govt. School, Jant, Feb 1, 2014</li> <li>• Coordinated Social Outreach Programme: A Play in Campus &amp; Neighbouring Govt. School Malra, Feb 12, 2014</li> <li>• Coordinated Cultural Evening- Students Educational Tour for Non-Hindi Students, Feb. 10-12, 2014</li> <li>• Coordinator-Badges and Colour Code Committee, First Convocation of University, March 1, 2014</li> <li>• Member, Innovation Exhibition and Inspired Teachers Committee, Reception Committee, First Convocation of University, March 1, 2014</li> <li>• Panellist on Women in Decision Making, Big Debate, April 22, 2014</li> <li>• Panellist on Multidisciplinary Approach to Higher Education, Orientation Programme, August 8, 2014</li> <li>• Coordinated Empowering Adolescent Girls: End of Violence Cycle, International Day of Girl Child, Oct. 10, 2014</li> <li>• Coordinated Social Outreach Programme: <i>A Play: Aadhi Duniya aur Asmita</i> in Govt. Girls Sn. Sec. School, Nov. 15, 2014</li> <li>• Beti Bachao-Beti Pado- Social Outreach Programme at Govt. School Pali, Jan 20, 2015</li> <li>• Coordinated and reflected on Round Table Discussion on "India's Daughter", March 31, 2015.</li> <li>• Co-Coordinator, 7-Day NSS Camp, March 26, 2015</li> <li>• Discussant, "Interpreting and Theorizing Results-How to Write the Discussion Section of a Research Report" in One Week Workshop on Research Methodology and Data Analysis using SPSS in Central University of Haryana, April 15-20, 2015</li> <li>• Co-coordinator, Campaign on Atrocities against women and health,</li> </ul>	<b>Dr. Renu Yadav</b>

	<p>hygiene and sanitation in Malra village on Sept. 24, 2015</p> <ul style="list-style-type: none"> <li>• Coordinated Sports activities for girls on Oct. 2, 2015.</li> <li>• Coordinated, International Day of Girl Child in Govt. schools of Jant, Dholi and Malra with Centre for Community Development and Unnat Bharat Cell on Oct. 9, 2015</li> </ul>	
	<ul style="list-style-type: none"> <li>• Worked as Admission Committee member of M.Phil and Ph.D admissions at CUH ( 3-4<sup>th</sup> July, 2014 )</li> <li>• Lecture on “Introduction of N.S.S.” at CUH (27<sup>th</sup> August, 2014)</li> <li>• Organiser of NSS Day celebration on the occasion of N.S.S. Day at Central University of Haryana (24<sup>th</sup> September, 2014 )</li> <li>• Organiser of Declamation contest and slogan Writing on sanitation, public hygiene, waste management &amp; related issues under the theme of <b>Swachcha Bharat Abhiyan</b> (29<sup>th</sup> September, 2014 )</li> <li>• Organiser of Sanitation drive &amp; sanitation awareness rally at adopted Village Jant with the involvement of Panchayat &amp; villagers, Special lecture by Dr. Pankaj Mishra, University of Delhi under the banner of NSS,YRC,WEC,PACC of CUH (30<sup>th</sup> September,2014 )</li> <li>• Launching of <b>Swachcha Bharat Abhiyan</b> at University by NSS and YRC Units of CUH (2<sup>nd</sup> October, 2014 )</li> <li>• Organiser of NSS Day Programme (Rally on Sanitation at Village Malra and Cultural Programme at CUH) (24<sup>th</sup> September, 2015)</li> <li>• Attended Meeting of NSS at Directorate of Higher Education, Panchkula as Coordinator of NSS , CUH (30<sup>th</sup> September, 2015)</li> <li>• Organizer of 1<sup>st</sup> Blood Donation Camp organized by NSS and YRC Units of Central University of Haryana on 15<sup>th</sup> October, 2015</li> </ul>	<b>Dr. Dinesh</b>
3	<ul style="list-style-type: none"> <li>• Organised following activities as the Coordinator, Group for the Promotion of Art, Culture and Heritage:</li> <li>• The group hired the services of a music instructor from November, 2014 to March, 2015 to train the students in playing guitar and singing.</li> <li>• Celebrated Foundation Day on 24<sup>th</sup> February, 2015.</li> <li>• Organised two orientation programmes on 8<sup>th</sup> August, 2014 and 3<sup>rd</sup> August ,2015</li> <li>• Organised Cultural evenings on the occasion of Hindi pakhwada-2014,Convocation Day – 1<sup>st</sup> March,2014,Orientation Day – 8<sup>th</sup> August 2014, foundation Day -24<sup>th</sup> February, 2015.</li> <li>• Organised symposium on 24<sup>th</sup> November 2014</li> <li>• Organised Extemporary competition on 8<sup>th</sup> September, 2015</li> <li>• Organised Musical Instruments (Sarod and Tabla) Performance of Spic Macay artists on 9<sup>th</sup> October, 2015</li> </ul>	<b>Ms. Aarti Yadav</b>
4.	Discussion- Right to Education Act, 2009-Quality issues (Jan. 28, 2015)	Ph.D. Students
5.	Discussion-Third Gender- Challenges and opportunities (Feb 4, 2015)	Anu, M. Phil
6.	Discussion on Social, Economic, Psychological Dimensions of declining	M. Phil



	sex ratio in Mahendergarh (Feb. 11, 2015)	students
7.	Discussion- Emotional Intelligence and Leadership building (Feb. 25, 2015)	Jyoti, Ajay, M. Phil and Ph. D
8.	Discussion- Attitude of teachers towards sex education (March 4, 2015)	Shashi, M A. IV sem
9.	Discussion on 'India's daughter' (March 11, 2015)	MA. II & IV sem.
10	Discussion- Girl Child Education in Haryana (March 18, 2015)	Suman, MA IV sem
11	Discussion- Role of Caste and Religion in Academics (March 25, 2015)	Teena, MA-IV

### **Faculty Contribution outside the University Since January 2014**

#### **Dr. Sarika Sharma, Associate Professor, Head Department of Education**

- Extension lecturer on 03.02.2014 at Sunrise College of Education, Sonipat on the topic "Pupil Teacher Assessment".
- External Examiner for M.Ed. & B.Ed. Viva Voce for Practical Courses of M.D. Univ. Rohtak 2014
- Paper presentation in international symposium on 8<sup>th</sup> June, 2014 entitled "Higher education & challenges of Quality and excellence" at Jaipur India.
- Chairperson in a technical session at International Symposium on Social Sciences: Prospects and challenges on 8<sup>th</sup> June, 2014 at Jaipur, Rajasthan India
- Paper presentation in international conference on 27<sup>th</sup> July, 2014. "Role of teacher education for peace and harmony" at Gaur Br. College Rohtak.
- Chaired one session in International Conference organized by Gaur Br. College Rohtak on 27<sup>th</sup> July, 2014
- Paper presented on the Topic "ICT in Education: Opportunities & Challenges" on 29.09.2014 at BLS Institute of Technology Management Bahadurgarh, Affiliated to GGSIP Univ. Delhi.
- Attended Launch of the 2015 Education for All Global Monitoring Report on 9<sup>th</sup> April, 2015. The invitation is received from MHRD Government of India & UNESCO.

#### **Paper Published**

- Paper published on the Topic " Self Esteem of M.Ed. & B.Ed. Learner" Co Author Pg 99 to 101 Navodit Refereed Journal ISSN 2347 4300 Volume I Dec. 2013
- Paper published on the Topic " Inclusive Education: Need of an hour" Co Author Pg 20 to 22 Navodit Refereed Journal ISSN 2347 4300 Volume I Dec. 2013
- Paper published on the Topic "Privatization in the field of Education" Co Author Pg 13 to 15 i Educate Refereed Journal ISSN 2348 9294 Volume I April 2014.
- Paper published in international Journal (IJMR ISSN: 2277 9302) entitled "Higher education & challenges of Quality and excellence" Volume III Issue3 (I), June2014 pg 51.
- Paper published in international Journal (IJMR ISSN: 2277 9302) entitled "Role of teacher education for peace and harmony" Volume III Issue4, July2014 pg 53.

- Paper published in international Journal (IJBMS) (2249-7463) Impact Factor 1.3409 “Impact of leadership Behaviour and Leadership Style on Employee Performance” in the year 2015
- Paper Publisher in IRJCBSS Volume II Issue 8(V) Nov 2014 (ISSN: 2277-9294) entitled “A Study of AIDS Awareness among the college going students of Haryana”
- Paper Publisher in an International Journal NAVODIT (ISSN 2947-4300) entitled “A Study of Peer Pressure and Behavioural Problems Among Adolescents Achievement”

#### **Edited Book:**

Compendium Anand Book Depot Delhi India/ 2013- ISBN 13-978-81-922141- 9-1

#### **Book Published:**

- Examination System, ISBN 13-978-81-922141-0-8
- Peace Oriented Value Education, ISBN 13-978-81-922141-1-5
- Academic Leadership & Women Empowerment, ISBN 13-978-81-922141-3-9
- Educational Administration & Gender Budgeting, ISBN 13-978-81-922141-5-3

#### **Dr. Renu Yadav, Assistant Professor, Department of Education**

#### **Published Papers**

- “A Study of Level of Environmental Attitude of Secondary School Students” in *Journal of Psychological Researches* (Peer Reviewed, Indexed, International Journal), Vol. 55 (1&2), Jan & Aug.2011, Pg. No.74-77.
- “Multidisciplinary Approach: Innovative Idea in Education” in *Sansodhan* (e-journal), Vol.9 (1), Nov. 2011
- “Media as Advertiser of Missing Childhood” in *Educational Quest- International Journal of Education and Applied Social Sciences* (International Journal), Vol. 3(1),April 2012, Pg. 71-74
- “Working Mother and Child Care: Dilemmas and Hope” in *Shodh Pravaha* (Peer Reviewed, International Journal), Vol. II, Issue 3&4, July & October 2012, Pg. No. 75-80
- “Economic Empowerment of Women: Way to Equality” in *International Journal of Human Development Potential* (Peer Reviewed, International Journal), Vol.2 (1), 2013, Pg.52
- “Quality School Education: Capability Approach” in *Journal of the International Society for Teacher Education*, Hong Kong (Peer Reviewed, International Journal), Vol. 18, No. 1, 2014, ISSN 1029-5968, 2014, Pg. 107-115
- “Sexual Harassment: Hurdle for Women in Higher Education,” *Journal of Central University of Haryana* (Peer Reviewed, International Journal), Vol.1(1), March 2014, pg.13-19
- “Sexual Harassment in Research: A Pilot Study” in *International Journal of Multidisciplinary Educational Research*, (Peer Reviewed, International Journal), Vol 3, 2 (5), Impact no. 2.735, Feb 2014, Pg. 149-159
- “Intimate Partner Violence and Role of Alcohol” in *Journal of Social Welfare and Human Rights*, published by American Research Institute for Policy Development, March 2014, Vol. 2, No. 1, ISSN: 2333-5920 (Print), 2333-5939 (Online), pg. 239-249
- “Preference for Son: Cry of Unborn Girl”, in *International Journal of Social Sciences* (Peer Reviewed, International Journal) DOI No. 10.5958/23215771.2014.00019.2, pg. 457-462.
- “Saga of Discrimination of Girl Child in India” in *International Journal of Women’s Research*, Vol.3 , No.1 , Spring & Summer 2014, pp 105 – 122

#### **Chapter in Edited Books**

- “Social Integration Through Education Affirmative Approach to Enrollment and Other Related Issues,” in the *Right to Education: Imperative for Progress*, Ed. by Prof. Mool Chand Sharma, 2013, ISBN 978-93-5035-298-4, Universal Publication, Delhi, pg.130
- “Impact of Media on the Awareness of Human Rights” (proceedings of National Seminar) in *Media and New World Order*, Ed. by Agarwal G. P. Khanna et.al, ISBN 978-93-81505-19-9, Wisdom publication, Delhi.

#### **Paper presented Since 2014**

- Paper presented at International Seminar on “Harmony and Peace” at Shridhar University on 7-8 December, 2014.
- Paper presented at National Conference on “Human Resource Development” at Banaras Hindu University on 14-15<sup>th</sup> February, 2015 and proceedings are published in edited book.
- Paper presented at National Conference on “Sustainability and Development: Implications of ELT for Individual, Society and Ecology” at IIT Patna on 3-4<sup>th</sup> April.
- Paper presented in Sixth International Conference on “Excellence in Research and Education” at IIM, Indore, May 8-11, 2014.
- Paper presented in Third International Conference of “Psychology and Allied Science, Nurturing Values and Strengths in Individuals and Society: Role of Psychology” at Amity University, Sept. 25-27, 2014.
- Speaker in the Workshop on “Research Methodology and Data Analysis Using SPSS” organized by Department of Statistics and Department of Education in the session “Brainstorming, Discussions, Experience sharing”. (on 20 April 2015)
- Discussant Speaker in the Workshop on “Research Methodology and Data Analysis Using SPSS” organized by Department of Statistics and Department of Education in session “Thematic Content Analysis and Discourse Analysis.” (16 April, 2015)
- Paper presented in National Conference on “Ethics in Higher Education”, IIT, Madras, 29-30 August, 2015.

#### **Dr. Dinesh Chahal, Assistant Professor, Department of Education**

##### **Published Work in Journal**

- “Comparative Study of Computational Skills of Secondary School Students of Government and Public Schools”, in *Journal of Advance Education* (ISSN 0974-6498).
- “Laws and Rights for Indian Women” in *Journal Shikshan Anveshika* Vol.IV, No11 Sep. 2014(ISSN 22311386).
- “Realization And Responsibility of Spiritual World” in *Lokayat: Journal of Philosophy* (ISSN 2249-8380) Vol. IV, No.2,September14.
- “Use of Information Communication Technology for Effective Teacher Education” in *International Journal of Multidisciplinary Research and Development*, Volume 2, Issue 10 Part A, with Impact Factor (ISRA) 5.742 [ONLINE] ISSN: 2349-4182 [PRINT] ISSN: 2349-5979.

##### **Published Work in Book**

- “Integration of ICT in Teacher Education Programme”, (Chapter- 10), Pp 98-102 in *Educational Technology* Ed. by Dr. R.L. Nikose, APH Publishing Corporation, Delhi, 2014 (ISBN 978-93-313-2474-0).
- “Women Empowerment in India” (Chapter-8), Pp. 80-85 in *Women Empowerment: Perspective Concept, Problems and Prospects*, Lap Lambert Academic Publishing, Germany, 2014 (ISBN

978-3-659-57864-9).

## **Extension Activities Year 2014**

### **January:**

- 4<sup>th</sup> -Delivered extension lectures at N.S.S Camps at F.C. College, Hisar, and PGSD Sr.Sec. School Hansi and Govt Sr. Sec. School Hansi on the topic “Youth and Communal Harmony.”
- 5<sup>th</sup>-Invited for special lecture on “Youth Motivation” for REPUBLIC DAY PRADE CAMP (N.S.S) at Jawahar Lal Nehru Stadium, Delhi organised by Ministry of Youth and Sports, Government of India.
- 6-7<sup>th</sup>- Attended 2-Day Orientation Programme for newly recruited teachers at Central University of Haryana.
- 11<sup>th</sup>- Delivered extension lecture on the topic “Youth and Nation” at N.C.C. (Air Wing) camp at TBD Sr. Sec. School, Hisar
- 12<sup>th</sup>- Delivered extension lecture on the topic “Youth and Vivekananda” at Mahavir Stadium, Hisar, organised by Department of Youth and Sports, Government of Haryana.
- 27<sup>th</sup>-Resource Person at International Workshop on “Gender Mainstreaming: Problems and Prospects” organised by Udaipur School of Social Work, J.R.N University, Udaipur.

### **February:**

- 15<sup>th</sup>- Delivered extension lecture on the topic “Youth Empowerment through N.S.S.” at N.S.S. camp at D.N. PG College, Hisar.

### **March**

- 14<sup>th</sup> Delivered extension lecture on the topic “Women Empowerment through N.S.S.” at N.S.S. camp at P.K.S.D College Kanina (Mahendergarh)
- 15<sup>th</sup>- Delivered extension lectures on the topic “Teacher in 21<sup>st</sup> Century.” at DIET (Mahendergarh),
- 18<sup>th</sup> –Resource Person in International Conference and delivered talk on “Relevance of Gandhi Ji in today’s World” organised by Gandhian Studies Centre, J.C. D.A.V College, Dasuya (Punjab).
- 22<sup>th</sup>-Resource talk on the topic “How to Motivate the Youth” at National Seminar” organised by N.S.S. Unit, M.D.U, Rohtak.
- 23<sup>th</sup>- Resource Person on the topic “Teacher and Use of ICT” at National Seminar” organised by Gaur Brahman College of Education, Rohtak

### **May**

- 2-3<sup>th</sup>- Practical Examiner at Lucknow University, Lucknow.
- 20<sup>th</sup>- Delivered expert talk on the topic “Teacher Effectiveness” in Orientation Course at UGC-Academic Staff College, GJU, Hisar.
- 25<sup>th</sup>-Delivered talk as an expert on the topic “How to Stop Violence Against the Women” in National Seminar jointly organised by All India Society for Social Justice and National Commission for Women, New Delhi, India at Kamla Bhawan, Dharamshala, Mahendergarh.

### **July:**

- 20<sup>th</sup>- Extension Lecture on the topic “Capacity Building” organized by Nehru Yuva Kendra, Hisar.
- 26<sup>th</sup>-Resource Person in National Seminar and delivered talk on “NCFTE-2009: Quality and Challenges” at KIET, Dehradun.

**August:**

- 5<sup>th</sup>-Delivered extension lecture on the topic “Youth, Society and Nation” at N.C.C. camp at Village Pali (Mahendergarh).
- 16-17<sup>th</sup>-Delivered expert talk on the topic “Teacher Ethics” and “ICT Use in Teaching” in Refresher Course at UGC-Academic Staff College, University of Lucknow, Lucknow.
- 22<sup>th</sup>- Resource talk in Orientation Course of Teachers on the topic “How to Motivate the Students in Classroom” at C.R.S. University, Jind.
- 30<sup>th</sup>- Resource talk in Orientation Programme of Students on the topic “Role of Social Media, Meditation and ICT in Education” at C.R.S. University, Jind.

**September:**

- 14<sup>th</sup>- Valedictory Address on “Role of Girls in Youth Red Cross Activities” at State Level Youth Red Cross Training Camp at Haridwar.
- 20<sup>th</sup> Resource Person in National Seminar and delivered talk on “Quality and Challenges issues in Teacher Education” at Advanced Institute of Education, Palwal .(20th September, 2014)

**October**

- 8<sup>th</sup>-Delivered extension lecture on the topic “Youth, Society and Nation” at N.C.C. camp Government PG College Rohtak & Valedictory Address on the topic “Empowering Girls through N.S.S.” at N.S.S Camp of Jat College (Girls), Rohtak.
- 26<sup>th</sup>- Valedictory Address on the topic “Role of Girls in Social Services” at N.S.S Camp by S.D College for Girls Uchana (Jind ).

**November:**

- Motivational Lecture on “Motivation, Career Planning and Leadership” (2<sup>nd</sup> November, 2014) in Combined Annual Training Camp at, Jattu Lohari, Bhiwani organized by 11 Haryana Battalion NCC, Bhiwani.
- Motivational Lecture on the Topic “Role of NSS in National Development” in Seven-Day Camp of NSS at Government College , Lakhan Majra, Rohtak (6<sup>th</sup> November 2014)
- Extension Lecture on The Topic “Principles of Youth Red Cross” in One-Day Camp of YRC at K.L.P College , Rewari (9<sup>th</sup> November 2014)

**Year 2015****January:**

- 4<sup>th</sup> - Invited for special lecture on “Youth Motivation” for REPUBLIC DAY PRADE CAMP N.S.S) at Jawahar Lal Nehru Stadium, Delhi organised by Ministry of Youth and Sports, Government of India.
- 7<sup>th</sup>- Delivered extension lecture on the topic “Youth and Nation” at N.C.C. (Air Wing) camp at TBD Sr. Sec. School, Hisar.
- 26<sup>th</sup>- Motivational Lecture on The Topic “Role of NSS in National Development” in Seven-Day Camp of NSS at Government College, Mahendergarh.
- 31<sup>st</sup>- Valedictory Address on “Role of Girls in Youth Red Cross Activities” at DAV College, Faridabad.

**March:**

- 9<sup>th</sup> March- Resource Person in National Seminar and delivered talk on “School Education: Universalisation and Quality Concerns” at SGTB College of Education, She-ke Malerkotla

organized by CTE Punjab.

- 14<sup>th</sup> March- *Invited Talk on “Quest for Quality in Education” in NAAC Sponsored National Seminar organized by IQAC, Aggarwal College Ballabgarh.*
- 15<sup>th</sup> March Extension Lecture on The Topic “Solutions of Today’s Youth Problems” in NSS Camp at K.L.P College , Riwari.

**April:**

- 9<sup>th</sup>- Attended All Global Monitoring Report -15 (UNESCO) Launch at Ashoka Hotel, Delhi organized by MHRD, Govt of India under the chairpersonship of Hon’ble MHRD Minister, GOI.
- 16<sup>th</sup>- Attended Meeting of the NSS State Advisory Committee at Chandigarh , under the chairpersonship of Hon’ble Education Minister, Haryana.
- 25<sup>th</sup>-Resource Person in ICSSR Sponsored National Seminar and delivered talk on “Peace is the way for Peaceful World” organised by S.S.S. B.Ed College Karaiwala , Malout (Punjab)

**May:**

- 2<sup>nd</sup>-Extension Lecture on “Adolescents Problems and Solution” in GSSS Sehlang (Mahendergarh).

**June:**

- 13<sup>th</sup> -Motivational Lecture on “Role of NCC in National Development” at annual camp of NCC at Government Sr. Sec. School, Gangwa, Hisar.
- 14<sup>th</sup> - Inaugural Lecture on “Youth and Values” in 5 Days camp for Character Building at Gurukul Khanda (Hisar).

**July:**

- 10<sup>th</sup>-Delivered extension lecture on “Youth, Society and Nation” at N.C.C. camp Devsar Dham (Bhiwani).
- 25<sup>th</sup>- Delivered extension lecture on “NCC and Youth,” at N.C.C. camp at Pali (Mahendergarh).
- 26<sup>th</sup> - Delivered extension lecture on “Role of NCC in Nation Building” at N.C.C. camp at Uchana, Jind.

**August:**

- 30<sup>th</sup>-Delivered extension lecture on “Youth, Society and Nation” at N.C.C. Camp Devsar Dham, Bhiwani.
- 31<sup>st</sup>- Inaugural Address on “Role of Girls in Youth Red Cross Activities” at State Level Youth Red Cross Training Camp at Panchkula.

**September:**

- 19<sup>th</sup>- Invited Lecture on “Role of Youth in Youth Red Cross Activities” at National Level Youth Red Cross Training Camp at Panchkula.
- 26<sup>th</sup>- Invited for special lecture on “NCC and Youth” in Thal Sena Camp (NCC) organised by Ministry of Defence, Government of India at Parade Ground, Delhi Cantt.

**October:**

- 5<sup>th</sup>-Invited Lecture on “Youth Red Cross and Voluntarism” organized by YRC Unit, MDU Rohtak.

**Ms. Aarti Yadav, Assistant Professor, Department of Education**

- Presented Paper “Globalization and peace education” in International Seminar on “Harmony and Peace” at Shridhar University on 7-8 December, 2014.



- Case Study, “Constructivist Approach in Education: A Case Study”
- presented in International Case Study Conclave at G.D Goenka University on 5<sup>th</sup> December, 2014.
- Paper “Reservation Policy and Value-Based Education for Social Inclusion” presented at National Conference on Human Resource Development at Banaras Hindu University on 14-15<sup>th</sup> February, 2015.
- Paper “Social Constructivism: An Approach towards Knowledge Building” presented at National Conference on Sustainability and Development: Implications of ELT for Individual, Society and Ecology at IIT Patna on 3-4<sup>th</sup> April.
- Resource person at SCERT, Chandigarh

#### **Paper Published in Journal**

- Paper titled, “Constructivist Approach in Education: A Case Study” published in Journal of Contemporary Educational Research and Innovations in April, 2015. Global Impact Factor-0.612

#### **Chapter in Book**

- Chapter “Measurement and Evaluation” to be published by Department of Distance Education, University of Kashmir, Srinagar.

#### **Students Participation in Extension activities Since 2014**

- Following Seven Students of the department participated in One-week workshop on *Research Methodology and Data Analysis using SPSS* held on April 15-20, 2015. These include- Annu Kumari, Roll no. 5071; Dilbag, Roll no. 5072; Hari Krishan, Roll no. 5073; Jyoti Kumari, Roll No. 5074; Nitu Kumari, Roll No. 5076; Ajay Kumar Yadav, Roll no. 5011; and Sanjay, Roll no. 5017.

#### **Ms. Annu Kumari, Roll No. 5071**

- Paper “Role of ICT in National Development” presented in National Conference on *Emerging Computing Technologies and ICT for Development- 2015* held on Feb. 28, 2015 at Dept. of Computer Science and Applications, Maharishi Dayanand University, Rohtak.
- Paper “Education for Sustainable Development Goals” presented in International Seminar on *Sustainable Development in 21st Century: A Glocal Perspective*, held on March 19-21, 2015 at Chaudhary Ranbir Singh University, Jind.

#### **Mr. Dilbag Roll No. 5072**

- Participation in One-week Workshop on *Research Methodology and Data Analysis using SPSS* held on April 15-20, 2015.

#### **Mr. Hari Krishan Roll No. 5073**

- Paper titled “An Analytical Study into Managing Stress and its Impact on Learning Behaviour of School Teachers” presented in International Seminar on *Sustainable Development in 21<sup>st</sup> century: A Global Perspective* at CRSU Jind, Haryana (19-21 march 2015).
- Participated in 7-Day National Workshop on *Curriculum Development in Education* from 5<sup>th</sup> May to 11<sup>th</sup> May 2015 at Jain Vishva Bharati Institute, Ladnun (Rajasthan).

#### **Ms. Jyoti Kumari Roll No. 5074**

- Presented paper “Conceptual Basis of Teacher Education Programme in the Changing Context: Sociological, Economical and Technological” in NAAC Sponsored National Seminar on Teacher Education Programmes: Revisiting Quality Parameters on September 20-21, 2014 at Advanced

institute of Education, Palwal.

- Presented paper “A study of Peer Pressure and Behavioural Problems among adolescent’s Academic Achievement” in National Seminar on ‘Relevance of Inter-Disciplinary Approach in Higher Education’ held on 12 – 13 November 2014 at CRSU, Jind.
- Presented paper “Role of Teacher in Promoting Human Rights” in National seminar on Emerging Role of Teacher Education; Global and National Perspective, Rao Lal Singh College of Education SIDHRAWALI, Gurgaon, March 14, 2015.
- Presented paper “Role of ICT in Higher Education” in National Seminar on Emerging Computing Technologies and ICT for Development-2015 NCECT & ICTD-2015, MDU Rohtak, Feb 28, 2015.
- Presented paper “Role of Primary Education in Sustainable Development” in International seminar on Sustainable Development in 21<sup>st</sup> century: A Global Perspective at CRSU Jind, Haryana, 19-21 March 2015.

**Mr. Naveen Jain Roll No. 5075**

- Presentation in National Conference on ‘Higher Education & Civil Society in 21<sup>st</sup> Century on 14-15 Oct, 2014 at Punjabi University, Patiala
- Attended National Seminar on ‘Relevance of Inter-Disciplinary Approach in Higher Education’ held on 12 – 13 November 2014 at CRSU, Jind.

**Ms. Nitu Kumari Roll No. 5076**

- Presented a paper entitled “Challenges of the Higher Education for Sustainable Development” in International seminar on Sustainable Development in 21<sup>st</sup> Century: A Global Perspective in Chaudhary Ranbir Singh University, Jind. 19-21 March, 2015.
- Presented a paper entitled “Elementary School Teacher’s Attitude towards In-service Professional Development Programme” in National Seminar on Emerging Role of teacher Education: Global-National Perspective organized on 14<sup>th</sup> March 2015 at Rao Lal Singh College of Education Sidhrawali, Gurgaon.

**Mr. Ajay Kumar Yadav Roll No. 5011**

- Attended Orientation Programme on “Public Policy Making in Education” organized by NUEPA, New Delhi from 17 to 22 November 2014.
- Attended Training Programme on Quantitative Research Methods in Education from 5<sup>th</sup> to 15<sup>th</sup> Jan, 2015 at NUEPA, New Delhi.

**Ms. Anita Rai Roll No. 5012**

- Attended Orientation Programme on “Public Policy Making in Education” organized by NUEPA, New Delhi from 17 to 22 November 2014.

**Mr. Ashok Kumar Roll No. 5013**

Participated in one Day DGHE Sponsored National Seminar on Emerging Role of Teacher Education: Global and National Perspective and Presented a Paper entitled ‘Inclusive Education is the Need of the Hour’, March 14, 2015.

**Ms. Meena Kumari Roll no. 5016**

- Attended UGC Sponsored One-Week Training Programme on “E-Learning Technologies for Effective Teaching, Research and Extension” (All Levels) from 10.11.2014 to 15.11.2014 organized by UGC-Academic Staff College, G.J.U. Hisar.
- Attended National Seminar on “Recent Advancements in Management, Commerce, Education



And Engineering Outlook-2015” on 21<sup>st</sup> & 22<sup>nd</sup> January, 2015 at JCD Institute of Business Management, Sirsa.

- Attended National Seminar on “Review of Right to Education (RTE) Act- 2009: Access and Quality” held on 14-15 February, 2015 at Budha College of Education, Karnal.
- International Conference on “Trends & Innovative Practices in Education: Future & Implications” (March 03-04, 2015) Organized by Ramgarhia College of Education, Phagwara, Punjab, India.
- Attended International Seminar on Sustainable Development in 21<sup>st</sup> Century: A Global Perspective organized by Chaudhary Ranbir Singh University, Jind on 19-21 March 2015.
- Attended National Conference on “Physical Education: Emerging Trends in Sports & Health Sciences (NCPEET-2015)” held on March 20-21, 2015 organized by Department of Physical Education, Chaudhary Devi Lal University, Sirsa.

**Mr. Sanjay Roll No. 5017**

- Presentation on “A Study of AIDS Awareness among the College going Students of Haryana” in International Conference on ‘Impact of Political Refurbish with reference to Commerce, Economics and Social Sciences’ organized by INAAR on 6th October 2014.
- Attended National Seminar on ‘Relevance of Inter-Disciplinary Approach in Higher Education’ held on 12 – 13 November 2014 at CRSU, Jind.
- Attended Orientation Programme on “Public Policy Making in Education” organized by NUEPA, New Delhi from 17 to 22 November 2014.

**Mr. Suraj Kumar Roll No. 5018**

- Presentation on “Knowledge levels of the Identification of Children with Disabilities among Anganwadi Workers in Warangal District (Andhra Pradesh)” in ‘International Conference on ‘Impact of Political Refurbish with reference to Commerce, Economics and Social Sciences’ organized by INAAR on 6th October 2014.
- Presentation on “Attitude of Secondary School teachers towards the Use of ICT in Teaching Learning Process” in National Seminar on ‘Relevance of Inter-Disciplinary Approach in Higher Education’ held on 12 – 13 November 2014 at CRSU, Jind.
- Attended Orientation Programme on “Public Policy Making in Education” organized by NUEPA, New Delhi from 17 to 22 November 2014.
- Attended International Conference on “Role of ICT for Persons with Disability” organized by UNESCO at Vigyan Bhawan, New Delhi on 24-26 November 2014.
- Attended Training Programme on Quantitative Research Methods in Education from 5<sup>th</sup> to 15<sup>th</sup> Jan, 2015 at NUEPA, New Delhi.

**Participation through NSS & YRC**

- 3 Students (Shashi Kala, Jyoti and Shivani Sharma) along with Dr. Renu Yadav (Female-Counsellor) participated in State Level Youth Red Cross Training Camp at Hardwar from 10<sup>th</sup> September to 15<sup>th</sup> September 2014 and won many prizes in various competitions. University team was adjudged the best coordinating team in the camp.
- Department students Rekha, Jogender, Shivani, Neha and Vikram participated in Annual Camp of NSS in CUH.
- Department student, Vikram Participated in State Level Training Camp at Panchkula (Haryana) from August 3<sup>rd</sup> to 8<sup>th</sup>, 2015 and got 1<sup>st</sup> position in group song.
- Department student, Neha participated in State Level Training Camp at Panchkula (Haryana) from August 30<sup>th</sup> to 4<sup>th</sup> September, 2015 and won 1<sup>st</sup> position in skit.

- 3 students of the department (Sachin, Neha, Vikram) donated blood on 15<sup>th</sup> Oct. 2015.

#### **Participation in Swachcha Bharat Abhiyan**

- In the contests organized on various topics like sanitation, public hygiene, waste management & related issues under the theme of Swachcha Bharat Abhiyan, Neha was adjudged first in Declamation and Slogan Writing, 29<sup>th</sup> September, 2014.
- Our students Rekha, Jogender ,Shivani, Neha and Vikram participated in Sanitation Drive & Sanitation Awareness Rally was organized by University fraternity with the involvement of Panchayat & villagers at adopted village Jant.
- On 2<sup>nd</sup> October, NSS and YRC Units of CUH Launched the Swachcha Bharat Abhiyan at University with great enthusiasm and our students Rekha, Jogender ,Shivani, Neha and Vikram actively participated in event.

#### **Papers Published By Scholars**

##### **Ms. Annu Kumari Roll No. 5071**

1. Paper **Challenges with Third Gender** published in a Multidisciplinary refereed Research Journal: Sodha Pravaha, vol. V, pp. 85-89, ISSN NO. 2231-4113.
2. Paper “Conceptual Basis of Teacher Education Programme in the Changing Context: Sociological, Economical and Technological” published in NAVODIT: An Annual Referred Journal, ISSN 2347-4300, 2014, vol. 2, pp. 9-12

##### **Mr. Dilbag Roll No. 5072**

1. Paper “Educational Policies: A Review in the Context of CWSN” published in ADROITIC; an International Refereed Quarterly Research Journal (Multi-Disciplinary), ISSN 2349-6274, 2014, Vol.1, pp. 146-148.

##### **Mr. Hari Kishan Roll no. 5073**

1. Paper “मुंशी प्रेमचंद की कहानियों में निहित मानवीय मूल्यों का शिक्षा में योगदान” published in NAVODIT: An Annual Referred Journal, ISSN 2347-4300, 2014, vol. 2,

##### **Ms. Jyoti Kumari Roll No. 5074**

1. Paper “Conceptual Basis of Teacher Education Programme in the Changing Context: Sociological, Economical and Technological” published in NAVODIT: An Annual Referred Journal, ISSN 2347-4300, 2014, vol. 2, pp. 9-12
2. Paper “A Study of Peer Pressure and Behavioural Problems among Adolescents Academic Achievement” published in NAVODIT: An Annual Referred Journal, ISSN 2347-4300, 2014, vol. 2, pp. 9-12.

##### **Mr. Satish Chand Saini**

1. Paper “Awareness of School Teachers regarding RTE Act 2009 of Bharatpur District, Rajasthan” in ADROITIC; an International Refereed Quarterly Research Journal (Multi-Disciplinary), ISSN 2349-6274, 2015, Vol.1, no. 4.

##### **Mr. Ajay Kumar Roll no. 5011**

1. “A Study of Emotional Intelligence of College Going Students in Relation to their Gender and Locality among the College going Students of Mahendergarh” in IJBMSS, ISSN 2249-7463, 2014, Vol. 4 Issue 2 (i).

**Ms. Anita Rai Roll no. 5012**

1. "ICT in Teacher Education", IJLESS, ISSN: 2278-3970, 2014, Vol.13, Issue (i) pp. 1-7.

**Ms. Poonam Kumari Roll no. 5015**

1. "A Comparative Study of Personality and Achievement Motivation of Senior Secondary School Students", IJBMSS, ISSN: 2249-7463, Vol. (iv), Issue (3), 2014, pp. 101-103.

**Meena Kumari,**

1. "Imparting Value Based Education through Various Methods and Approaches", Journal of Educational Technology and Research, Vol. III (I), pp. 108-111.

**Mr. Sanjay Roll no. 5017**

1. "A Study of AIDS Awareness among the College going Students of Haryana", IRJCBSS, ISSN: 2277-9310, 2014 Vol. 4, Issue 8(v), pp 106-109.

**Mr. Suraj Kumar Roll no. 5018**

1. "Knowledge levels of the Identification of Children with Disabilities among Anganwadi Workers in Warangal District (Andhra Pradesh)", IJBMSS, ISSN 2249-7463, 2014, Vol. 4 Issue 2(i)
2. "Attitude of Secondary School teachers towards the Use of ICT in Teaching Learning Process" in National Seminar proceedings 'Relevance of Inter-Disciplinary Approach in Higher Education', 12-13 November 2014, ISBN 978 93 5196 315 8, pp 491-498.

**48. Give Details of "Beyond Syllabus Scholarly Activities" of the Department:**

- Conducted Extension Lectures by the External Resource persons
- Dr. Sarika Sharma, Dr. Renu Yadav, Dr. Dinesh and Ms. Aarti Yadav are contributing in the initiative of the University for UGC NET Coaching and Communication Skill Classes.

**49. State whether the Programme/ Department is accredited/graded by other agencies? If yes, give details.**

The department is in the process of the first cycle of NAAC accreditation.

**50. Briefly Highlight the Contributions of the Department in Generating New Knowledge, Basic or Applied:**

- Conducting multidisciplinary research by way of M.A., M.Phil and Ph.D programmes
- Contribution in organizing University-level academic events, including National Seminar on 'Republic of India@61', National Seminar on 'People, Power and Progress' and National Level Consultative Workshop on 'Right to Education'.
- Faculty of the department is on the Editorial Board of the Journal of Central University of Haryana.
- Faculty of the department visited other Universities/Colleges as Resource Persons, Chair/Co-Chair and Keynote Speaker in National & International seminars and conferences at various levels

**51. Detail Five Major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:**

**Strength**

- i. Faculty with diverse areas of teaching and research interests

- ii. Multidisciplinary research focus (17 Research papers have been published by the Faculty & 16 By Students since 2014)
- iii. In total, department has produced 10 students who qualified UGC NET-JRF (attended special classes for UGC-NET examination offered by CUH).
- iv. Department is offering 9 elective subjects in PG syllabi which can be taken by the students of other departments also. In M.Phil and Ph.D, department is offering 8 elective courses in each programme which gives multiple options to the research scholars.
- v. Maintaining Code of Ethics completely.

#### **Weakness**

- i. Lack of faculty at the level of Professors/visiting Professors/Adjunct Professor
- ii. So far, Department has not collaborated with any other University Nationally/ Internationally in terms of joint research
- iii. Presently, Department is not running integrated programmes
- iv. Department has not started its own Journal

#### **Opportunities**

- i. It being a new University, there are the opportunities for devising and exploring innovative pedagogies and curriculum as per the needs of the hour.
- ii. Department can harness the opportunity to engage itself in multidisciplinary research environment with the Choice-Based Credit System being in force in the University.
- iii. Maintaining the rigor in the department so as to attract the students from prestigious universities nationally & internationally
- iv. Department may expand its horizon by adding teacher education programmes, B.Ed. and M.Ed. from the session 2016-17
- v. Facilitating the students to attend research workshops at various organizations like NUEPA and other prestigious universities.

#### **Challenges**

- i. Maintaining the competitive environment in the department with the students coming from diverse linguistic and regional backgrounds
- ii. Department of education is a very important department in the field of imparting education, preparing teacher educators and school teachers. Dealing of children and preparing them to sustain in their society to which they belongs.
- iii. Producing research in the area of teacher education system, value education, children with special needs in such a way that the findings of the research work can be incorporated during policy making in related field.
- iv. University is situated in the rural area and has to maintain the national character for all around development of the students and also to prepare them as competent teachers.
- v. Department is not getting students in M.A. Education from most of the states. Maximum students belong to the Haryana state only. Research scholars are trying to get opportunity to work with other university departments.

#### **52. Future Plans of the Department:**

- To introduce Centre of Excellence.
- To open B.Ed. & M.Ed. programme from the session 2016-17.
- To develop MOOC
- To produce more and more qualitative research.

- To get research projects from various funding agencies.
- To initiate collaboration with prestigious organisations
- To promote Student-exchange programmes
- To continue the Series of Extension Lectures by the Eminent Professors
- To engage Visiting Professors/Adjunct Faculty
- To organise Seminars/Conferences/Workshops at regular intervals

## Department of English & Foreign Languages

1. **Name of the Department:** Department of English & Foreign Languages
2. **Year of Establishment:** 2009
3. **Is the Department part of a School/Faculty of the university?**  
Yes, School of Language, Linguistics, Culture and Heritage
4. **Names of Programmes Offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
  - i. Integrated Ph.D. (2009-2010)
  - ii. Ph.D.(Since 2009)
  - iii. M.Phil. (Since 2009)
  - iv. M.A.(Since 2014)
5. **Interdisciplinary Programmes and Departments Involved:**  
Though the department doesn't offer any Inter-disciplinary programme, most of the topics of research in M.Phil and Ph.D are of inter/multidisciplinary nature. Details of the M.Phil and Ph.D topics of inter/multidisciplinary nature given in **Appendix-I**
6. **Details of Programmes Discontinued, if any, with Reasons:**  
**Programme:** Integrated M.Phil & Ph.D Programme  
**Reason:**  
As initially there were two modes of M.Phil and Ph.D programmes i.e. through Direct Admission to each programme and Integrated Programme. Therefore, on the basis of the feedback received from academia in general and experts in the academic bodies of the University in particular, University authorities decided to discontinue M.Phil/Ph.D integrated programme and continued the M.Phil and Ph.D as independent programmes through Direct Admission.
7. **Courses in Collaboration with Other Universities, Industries, Foreign Institutions, etc.:**  
Department being in its nascent stage, it is yet to enter into collaboration with other Universities, Industries or Foreign Institutions.
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**  
The department adopts Semester System with 100% implementation of Choice Based Credit System (CBCS).
9. **Participation of the Department in the Courses Offered by Other Departments:**  
Yes, with the adoption of Choice Based Credit System (CBCS) in the University, the students of the department participate in the courses offered by other departments including History & Archaeology, Journalism & Mass Communication, Psychology and Statistics.

**10. Number of Teaching Posts Sanctioned, Filled and Actual (Professors/Associate Professors/Asst. Professors/others):**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	00	00
Associate Professors	02	02	02
Asst. Professors	04	04	04
Others	00	00	00

**11. Faculty Profile with Name, Qualification, Designation, Area of Specialization, Experience and Research Under Guidance:**

Sr. No.	Name	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D/ M.Phil. Students guided for the last 4 years
1.	Dr. Bir Singh	M.A., Ph.D.	Associate Professor	Philosophy and Romantic Poetry	33 Years	M.Phil.- 31 (Awarded) Ph.D.-10 03 (Awarded) 01 (Submitted) 06 (Registered)
2.	Dr. Sanjiv Kumar	M.A., M.Phil., Ph.D., PGCTE (EFLU)	Associate Professor	Diaspora Studies	15 Years	M.Phil.: 07 (Awarded) 02- Submitted Ph.D.: 01 (Submitted) 08 registered
3.	Dr. Manoj K. Vidyalankara	M.A., Ph.D., D.Lit. (Pursuing)	Assistant Professor	Indian Sanskrit Poetics, Indo-Canadian Literature, Indian Writing in English	9 Years	Ph.D.-02 01 (Awarded) 01 (Submitted) M.Phil. - 02 (Awarded) 02

						(Submitted)
4.	Dr. Snehsata	M.A., M.Phil., Ph.D., UGC-NET	Assistant Professor	Western Philosophy, Literature and Gender	01 year and 08 months	M.Phil.- (03) 02(Awarded ) 01 (Submitted)
5.	Mr. Sudeep Kumar	M.A., M.Phil., Ph.D. (Submitted), UGC-NET	Assistant Professor	Indian Bhasa Criticism, Literary Theory, Gender Studies	01 year and 08 months	M.Phil.- (03) as co-supervisor 02 (Awarded) 01(Submitted)
6.	Ms. Rinu	M.A., M.Phil., Ph.D. (Pursuing), UGC-NET-JRF	Assistant Professor	Indian Sanskrit Poetics, Diaspora Literature	01 year and 08 months	M.Phil.- (03) as co-supervisor 02 (Awarded) 01(Submitted)

**12. List of Senior Visiting Fellows, Adjunct Faculty, Emeritus Professors:**

Central University of Haryana has already carved out the rules for empanelment of adjunct professors (Ordinance no. 10) to facilitate research and learning in University. University proposes to increase the faculty strength of departments in form of adjunct professors in near future.

**13. Percentage of Classes Taken by Temporary Faculty – Programme-Wise Information:**

Nil

**14. Programme-Wise Student Teacher Ratio:**

- M.A.: 9:1
- M.Phil: 02:1
- Ph.D: 07:1

**15. Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned, Filled and Actual:**

Presently the department doesn't have any support staff but the University is in process of recruiting the required staff.

**16. Research Thrust Areas as Recognized by Major Funding Agencies:**

The faculty of the department has applied for the projects in following research areas:

- i. Literature and Science
- ii. Human Rights and Dalit Literature

However, department has not received any grants from any funding agency.

**17. Number of Faculty with On-Going Projects from:**



<b>National</b>	Two teachers of the department have applied for two major Research Projects to UGC and ICSSR.
<b>International funding agencies and</b>	Nil
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	The department is awaiting the communication regarding the proposals submitted to abovementioned funding agencies.

**18. Inter-Institutional Collaborative Projects and Associated Grants Received:**

<b>National collaboration</b>	Nil
<b>International collaboration</b>	Nil

**19. Departmental Projects Funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; Total Grants Received:**

- i. Dr. Bir Singh Yadav: One Major Research Project (MRP) applied for funding to University Grants Commission—communication for interaction awaited
- ii. Dr. Sanjiv Kumar: One Major Research Project (MRP) applied for funding to ICSSR—communication for interaction awaited

**20. Research Facility / Centre With:**

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

**21. Special Research Laboratories Sponsored by/Created by Industry or Corporate Bodies:**

The department is yet to develop special Research Labs. for researches in different branches of Linguistics.

**22. Publications: (Details of Publications given in Appendix-II)**

<b>Number of papers published in peer-reviewed journals (national / international)</b>	68
<b>Monographs</b>	01
<b>Chapters in Books *</b>	14
<b>Edited Books</b>	03
<b>Books with ISBN with details of publishers</b>	05
<b>Number listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	00

Citation Index – range / average	00
SNIP	00
SJR	00
Impact Factor – range / average	00
h-index	00

**23. Details of Patents and Income Generated:**

Department shall take necessary measures in consultation with corporates and industry in future.

**24. Areas of Consultancy and Income Generated:**

University is in the process of engaging senior faculty in the form of Adjunct Professors/Visiting fellows and consultancy services may be started in future on assessing and mapping the needs of the area.

**25. Faculty Selected Nationally/Internationally to Visit other Laboratories / Institutions/ Industries in India and Abroad:**

Dr. Sanjiv Kumar, Associate Professor was nominated to be the part of Inspired Teachers In-Residence Programme at Rashtrapati Bhavan from June 6-12, 2015.

**26. Faculty Serving in A) National Committees B) International Committees C) Editorial Boards D), Any Other (Please Specify):**

**I. Dr. Bir Singh Yadav:**

**Editorial Board:**

- Member, Advisory Board, *GNOSIS*, an International Journal of Language and Literature.
- Review Editor, Referee, *Labyrinth*, an International Refereed Journal of Postmodern Studies.
  - Chief Editor, *Journal of Central University of Haryana*.
  - Member, Editorial Board, *Souvenir*, First Convocation (March 2014), Central University of Haryana.
  - Member, Editorial Board, *Odyssey* (a University Publication), March 2014, Central University of Haryana.

**Other Committees:**

- Member, Executive Council, Central University of Haryana (Session 2014-15)
- Member, Academic Council, Central University of Haryana
- Member, Building Committee, Central University of Haryana (Session 2014-15)
- Coordinator, Yoga Club, Central University of Haryana.
- Convenor, Admission Committee, Central University of Haryana.
- Convenor, Discipline Committee, Central University of Haryana.
- Coordinator, OBC Cell, Central University of Haryana.
- Coordinator, Anti-Ragging Cell, Central University of Haryana.
- Convenor for the National Seminar on Progressive Writings in Indian English Literature: Diaspora and Beyond to be held on 3-5 Dec. 2015.

**II. Dr. Sanjiv Kumar**

### **Editorial Board:**

- Member of Editorial Board of *Journal of Central University of Haryana*. Vol. 01, Issue 01 (March 2014). ISSN: 2348-3377.
- Editor, Annual Reports of Central University of Haryana since 2010
- Editor, Information Bulletin, Central University of Haryana since 2010
- Member, Editorial Board, Souvenir, First Convocation (March 2014), Central University of Haryana.
- Member, Editorial Board, *Odyssey* (a University Publication), March 2014, Central University of Haryana.

### **Other Committees:**

- Member, Academic Council, Ch. Ranbir Singh University, Jind
- Member, Academic Council, Central University of Haryana
- Member, Executive Council, Central University of Haryana (Session 2014-15)
- Member, Internal Quality Assurance Cell (IQAC), Central University of Haryana
- Member, Building Committee, Central University of Haryana
- Chairperson, Board of Studies, Department of English & Foreign Languages, Central University of Haryana (w.e.f. 23<sup>rd</sup> Sept. 2015)
- Dean Students Welfare, Central University of Haryana
- Member, Internal Quality Assurance Cell, Central University of Haryana
- Member, Admission Committee, Central University of Haryana for the session 2012-13, 2013-14, 2014-15 and 2015-16.
- Member, NAAC Steering Committee, Central University of Haryana
- Coordinator, Publication Division, Central University of Haryana, Mahendergarh
- Dean, School of Journalism and Mass Communication, Central University of Haryana (Session 2014-15)
- Member, Ordinance Committee, Ch. Ranbir Singh University, Jind
- Coordinator, Community Development Cell and Unnat Bharat Abhiyan (UBA) Cell
- Convenor, Students Grievances Redressal Cell, Central University of Haryana.
- Convenor, Publication Division, Central University of Haryana.
- Organising Secretary for the National Seminar on Progressive Writings in Indian English Literature: Diaspora and Abroad to be held on 3-5 Dec. 2015 at Central University of Haryana.
- Supdt. of End-Semester Examinations, 2014-15, CUH
- Coordinator, Book Reading Club, Central University of Haryana since 2012.
- Member, Innovation Club, CUH (2014-15)
- Member, Examination Committee, 2014-15
- Member of Organising & Editorial Committee in National Seminar on “Inclusive Democracy: People, Power and Progress” (May 30-31, 2012)
- Member of Editing, Compiling and Printing Committee for the publication of Report of Consultative Workshop: Towards Designing a Roadmap—Implementation of RTE Act 2009, Central University of Haryana (June 21, 2012)
- Member, Organising Committee of Orientation Programme... Coming Together, Central University of Haryana (Aug. 8-9, 2012)

### **III. Dr. Manoj K. Vidyalkar**

**Editorial Board:**

- Member, Editorial Board, *Literary Discourses*
- Member of Editorial Board of *Journal of Central University of Haryana*. Vol. 01, Issue 01 (March 2014). ISSN: 2348-3377.
- Member, Editorial Board, *Odyssey* (a University Publication), March 2014, Central University of Haryana.
- Member, Editorial Board, *Souvenir*, First Convocation (March 2014), Central University of Haryana.

**Other Committees:**

- Member, Career and Placement Cell, Central University of Haryana
- Member, Admission Committee, Central University of Haryana
- One of the Coordinators for the National Seminar on Progressive Writings in Indian English Literature: Diaspora and Abroad to be held on 3-5 Dec. 2015.

**IV. Dr. Snehsata:****Editorial Board:**

- Member, Editorial Board, *Souvenir*, First Convocation (March 2014), Central University of Haryana.
- Member, Editorial Board, *Odyssey* (a University Publication), March 2014, Central University of Haryana.

**Other Committees:**

- Performed as the Asstt. Warden of Girls Hostel during the session 2014-15.
- Member, Editorial Board, *Souvenir*, First Convocation (March 2014), Central University of Haryana.

**V. Mr. Sudeep Kumar:****Editorial Board:**

- Member, Editorial Board, *Souvenir*, First Convocation (March 2014), Central University of Haryana.
- Member, Editorial Board, *Odyssey* (a University Publication), March 2014, Central University of Haryana.

**Other Committees:**

- Member, BoS, Department of English and Foreign Languages, Central University of Haryana
- Member, School Board, School of Language, Linguistics, Culture and Heritage Male Counsellor, Youth Red Cross, Central University of Haryana.
- Warden, Boys Hostel, Central University of Haryana.
- One of the Coordinators for the National Seminar on Progressive Writings in Indian English Literature: Diaspora and Abroad to be held on 3-5 Dec. 2015.

**VI. Ms. Rinu****Editorial Board:**

- Member of Editorial Board of *Journal of Central University of Haryana*. Vol. 01, Issue 01 (March 2014). ISSN: 2348-3377.
- Member, Editorial Board, *Odyssey* (a University Publication), March 2014, Central

University of Haryana.

- Member, Editorial Board, Souvenir, First Convocation (March 2014), Central University of Haryana.

**Other Committees:**

- Member of Information Bulletin Committee (Academic Year 2015-16)
- Member of Proficiency & Skill Development Cell (2014-15)
- Faculty Coordinator (Comprehension Analysis) for UGC-NET Classes (2015-16)
- Faculty Representative from the department of English and Foreign Languages, Swachh Bharat Abhiyan
- Coordinator, Language Laboratory, Central University of Haryana.
- One of the Coordinators for the National Seminar on Progressive Writings in Indian English Literature: Diaspora and Abroad to be held on 3-5 Dec. 2015.
- Member, Board of Studies, Department of Computer Science, Central University of Haryana (session 2014-15).

**27. Faculty Recharging Strategies (UGC, ASC, Refresher / Orientation Programmes, Workshops, Training Programs and Similar Programs):**

**I. Dr. Bir Singh Yadav:**

S.	Programme	Duration	Organised by
1.	UGC-Sponsored Orientation Programme	23 days (23/10/1996 to 14/11/1996)	Dronacharya PG College, Gurgaon
2	UGC Refresher Course	21 Days (26/03/1995 to 15/04/1995)	University of Rajasthan, Jaipur
3.	UGC Refresher course	20 Days (25/12/2000 to 13/01/2001)	University of Rajasthan, Jaipur
4.	Soft-Skill Training	7 Days (17/09/2006 to 23/09/2006)	Higher Education Commission, Panchkula, Haryana

**II. Dr. Sanjiv Kumar:**

S.	Programme	Duration	Organised by
1.	Induction Training for College Lecturers	05 Days	Haryana Institute of Public Administration, Gurgaon
2	UGC-Sponsored Orientation	28 Days (27/10/2003 to	Himachal Pradesh University,

	Programme	22/11/2003)	Shimla
3.	UGC Refresher course	21 Days (06/02/2006 to 27/02/2006)	University of Delhi, Delhi
4.	UGC Refresher course	21 Days (06/03/2010 to 26/03/2010)	Panjab University, Chandigarh
5.	NSS Orientation Programme held at Kurukshetra University, Kurukshetra	10 Days (27/08/2003 to 05/09/2003)	Organised by Training, Orientation and Research Centre, Dept. of Social Work, University of Delhi, Delhi

**III. Dr. Manoj K. Vidyalankar:**

Sr. No.	Programme	Duration	Organised by
1.	Orientation Programme	24 Days (28/8/2012 to 24/09/12)	ASC, Guru Ghasidas University, Bilaspur
2.	Refresher Course on Research Methodology	21 Days	ASC, Rani Durgavati Vishwavidyalaya, Jabalpur

**IV. Ms. Rinu:**

Sr.	Programme	Duration	Organised by
1.	Orientation Programme	28 Days (11/6/2015 to 08/07/15)	UGC Human Resource Development Centre, University of Hyderabad, Hyderabad

**28. Student Projects:**

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	Nil
<b>Percentage of students doing projects in collaboration with other universities, industry / institute</b>	Nil

**29. Awards / Recognitions Received at the National/ International Level By:**

<b>Faculty</b>	Dr. Sanjiv Kumar nominated as “Inspired Teacher” for the In-Residence Inspired Teachers Programme at Rashtrapati Bhawan, New Delhi.
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<b>Doctoral / Post doctoral fellows</b>	Nil
<b>Students</b>	Nil

**30. Seminars/Conferences/Workshops organized and the source of funding (National/International) with details of outstanding participants, if any.**

National Seminar on “Progressive Works in Indian Writing in English: Diaspora and Beyond” to be organised from 3-5th Dec. 2015 with sponsorship by Punjab National Bank, Central University of Haryana.

**31. Code of Ethics for Research followed by the Departments:**

Yes, the department follows the code of ethics for research by adopting following measures:

- All research works are required to pass through the plagiarism check before submission of dissertation/thesis, mandatorily.
- Regular Classes of M.Phil and Ph.D course Work

**32. Student Profile (Programme-wise):**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>Session 2009-10</b>					
M.Phil. English		01	05	100	80
Ph.D. English		02	03	Awarded- 02	Awarded- 03
<b>Session 2010-11</b>					
M.Phil. English		02	05	00	100
Ph.D. English		02	03	Awarded- 01	Awarded- 01 Submitted-01
<b>Session 2011-12</b>					
M.Phil. English		03	01	100	100
Ph.D (Integra		---	03	---	Thesis yet to be submitted

ted)					
Ph.D. English		03	04	Thesis yet to be submitted	Thesis yet to be submitted
<b>Session 2012-13</b>					
M.Phil. English	43	02	04	100	50
Ph.D. English	54	01	04	Thesis yet to be submitted	Thesis yet to be submitted
<b>Session 2013-14</b>					
M.Phil. English	41	04	02	100	100 (Viva awaited)
Ph.D. English	NIL	--	--	--	
<b>Session 2014-15</b>					
MA English	120	14	12	100	100
M.Phil. English	188	04	04	100 (Viva awaite d)	100 (Viva awaited)
Ph.D. English	313	05	01	Thesis yet to be submitted	Thesis yet to be submitted
<b>Session 2015-16</b>					
MA English	282	19	7	Exams yet to be held.	Exams yet to be held
M.Phil. English	279	02	07		
Ph.D. English	-	-	-		

### 33. Diversity of Students:

Name of the	% of students	% of students	% of students	% of students from
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Programme	from the same university	from other universities within the State	from universities outside the State	other countries
<b>Session 2015-16</b>				
MA English Ist Sem	Nil	53.8%	46.2%	Nil
MA English IIIrd Semester	100%	67.5%	32.5%	Nil
M.Phil. English	Nil	22%	78%	Nil
Ph.D. English	Nil	Nil	Nil	Nil

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

**I. NET/SET/JRF**

<b>General</b>	i. Ms. Nistha Parasar, NET ii. Ms. Rekha Kumari, NET iii. Ms. Shruti Jain, NET iv. Ms. Hemant Kumari, NET v. Ms. Sushma Sharma, NET-JRF
<b>OBC</b>	i. Ms. Munesh, JRF ii. Ms. Suman, NET iii. Ms. Poonam, NET iv. Ms. Pooja, NET v. Ms. Satyavati, NET vi. Mr. Dinesh Kumar, NET-JRF
<b>SC</b>	i. Mr. Dharmendra, NET
<b>ST</b>	Nil
<b>Total</b>	12

**35. Student Progression:**

<b>Student Progression</b>	<b>Percentage against enrolled</b>
<b>UG to PG</b>	Nil
<b>PG to M.Phil.</b>	Nil
<b>M.Phil to Ph.D.</b>	<p>05 students in total from different batches (<b>03 students from M.Phil/Ph.D Integrated course</b>):</p> <p>I. Indu Rani, Ph.D  II. Shruti Jain, Ph.D  III. Munesh Yadav, Ph.D</p> <p><b>M.Phil to Ph.D (Direct Admission):</b></p> <p>I. Showkat Hussain Itoo  II. Poonam  III. Jyoti  IV. Rekha Kumari</p>
<b>Ph.D. to Post-Doctoral</b>	Nil
<b>Employed Campus Selection:</b>	One Student of the department, Ms. Snehsata got appointment as Assistant Professor in the Department of English and Foreign Languages
<b>Other than Campus Recruitment:</b>	<ul style="list-style-type: none"> <li>• Dr. Anuradha Deepak, Associate Professor, KLP College, Rewari.</li> <li>• Dr. Snehsata, Asstt. Professor, Department of English &amp; Foreign Languages, Central University of Haryana.</li> <li>• Ms. Nistha Parasar, Asstt. Professor, Hindu College, Sonapat.</li> <li>• Mr. Dharmender, Asstt. Professor, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Haryana.</li> <li>• Ms. Ruchi Vadhava, Asstt. Professor, Govt. College, Kharkhara, Rewari.</li> <li>• Ms. Poonam, Lecturer, Kisan Adarsh Vidyalaya, Nangal Sirohi, Dist. Mahendergarh.</li> <li>• Ms. Pooja, Lecturer, Govt. Sr. Sec. School, Dongra Ahir, Dist. Mahendergarh.</li> <li>• Ms. Suman, Lecturer, Govt. Sr. Sec. School, Malda Bans, Distt. Mahendergarh.</li> <li>• Ms. Jyoti, Lecturer, Govt. Sr. Sec. School, Haryana.</li> <li>• Ms. Anushka Nagpal, Asstt. Professor (Contractual) at YMCA University, Faridabad.</li> <li>• Ms. Shruti Jain, Asstt. Professor (Adhoc basis), University of Delhi, Delhi.</li> <li>• Mr. Salesh, Asstt. Professor (Contractual), RPS College, Mahendergarh.</li> <li>• Ms. Munesh Yadav, Assistant Professor (Contractual), Govt. BKN Polytechnic College, Narnaul.</li> </ul>

	<ul style="list-style-type: none"> <li>Mr. Rajbir Singh, Teacher, Happy Sr. Sec. School, Mahendergarh.</li> <li>Ms. Priyanka, Teacher, Suraj Sr. Sec. School, Mahendergarh.</li> </ul>
<b>Entrepreneurs</b>	Information not available

**36. Diversity of Staff:**

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	16.6%
<b>From other universities within the State</b>	50%
<b>From universities from other States</b>	33.33%
<b>From universities outside the country</b>	Nil

**37. Number of Faculty who were Awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the Assessment Period:**

**Ph. D :** Two teachers are pursuing Ph.D (one has submitted the thesis)

**38. Present Details of Departmental Infrastructural Facilities with Regard to:**

<b>Library</b>	Nil
<b>Internet facilities for staff and students</b>	Yes, the campus is fully Wi-Fi enabled
<b>Total number of class rooms</b>	03
<b>Class rooms with ICT facility</b>	Yes, all the classrooms have ICT facilities.
<b>Students' laboratories</b>	Nil
<b>Research laboratories</b>	Nil
<b>Language Laboratory</b>	Department is in the process of setting Language Lab.

**39. List of Doctoral, Post-Doctoral Students and Research Associates:**

<b>From the host institution/university</b>	<p><b>07 Doctoral Students (03 students from M.Phil/Ph.D Integrated Course):</b></p> <ul style="list-style-type: none"> <li>Indu Rani, Ph.D</li> <li>Shruti Jain, Ph.D</li> <li>Munesh Yadav, Ph.D</li> </ul> <p><b>M.Phil to Ph.D (Direct Admission):</b></p> <ul style="list-style-type: none"> <li>Showkat Hussain Itoo</li> </ul>
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	<ul style="list-style-type: none"> <li>• Poonam</li> <li>• Jyoti</li> <li>• Rekha Kumari</li> </ul>
<b>From other institutions/universities</b>	<p><b>23 Doctoral Students:</b></p> <ul style="list-style-type: none"> <li>• Anuradha Deepak (awarded)</li> <li>• Subhash Chand (awarded)</li> <li>• Arpit Kothari (awarded)</li> <li>• Jagpal (awarded)</li> <li>• Venu Madan (awarded)</li> <li>• Priyanka Yadav (awarded)</li> <li>• Snehsata (awarded)</li> <li>• Ruchi Vadhva (Thesis Submitted)</li> <li>• Shweta Ahuja (Thesis Submitted)</li> <li>• Ghulam Mohd. Khan</li> <li>• Manjeet Singh</li> <li>• Akhilesh Kumar</li> <li>• Ajit Singh</li> <li>• Yespal Singh</li> <li>• Sushma Sharma</li> <li>• Nistha Parashar</li> <li>• Ravinder Kumar</li> <li>• Saraswati</li> <li>• Bhavya Singhal</li> <li>• Naresh Mahicha</li> <li>• Sanjay Kumar Joshi</li> <li>• Sunil Kumar</li> <li>• Vidhi Yadav</li> </ul>

**Teacher Fellows:**

- i. Mr. Ajit Singh, Assistant Professor, Government College, Narnaul.
- ii. Mr. Yespal Singh, Assistant Professor, Govt. College, Loharu.

**40. Number of Post-Graduate Students Getting Financial Assistance from the University:**

- i. One student, Mr. Ramakant Sethi, received financial assistance under 'Earn While Learn' Scheme in the session 2014-15.
- ii. All Nine Students enrolled in M.Phil are receiving University Non-NET Fellowship.
- iii. All the Non-NET regular Ph.D scholars are receiving University Non-NET Fellowship.
- iv. One Ph.D student, Ms. Rekha Kumari, is receiving Rajiv Gandhi National Fellowship for Students with Disabilities.

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, the neighbouring feeding institutions were surveyed and interactions were conducted with the stakeholders in order to assess the need for each programme. Thereafter, the proposal for each course was considered and approved by the various academic bodies of the university.

**42. Does the Department Obtain Feedback from:**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, through departmental meetings and the same is submitted for the consideration of academic bodies.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, through interaction and the same is considered while framing curriculum and teaching-learning evaluation.
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Yes, through interaction and meetings at regular intervals.

**43. List the Distinguished Alumni of the Department (Maximum Ten):**

1. Dr. Anuradha Deepak, Associate Professor, KLP College, Rewari.
2. Dr. Snehsata, Asstt. Professor, Department of English & Foreign Languages, Central University of Haryana.
3. Mr. Dharmender, Asstt. Professor, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Haryana.
4. Ms. Nistha Parasar, Asstt. Professor, Hindu College, Sonapat.
5. Ms. Ruchi Vadhava, Asstt. Professor, Govt. College, Kharkhara, Rewari.
6. Ms. Poonam, Lecturer, Kisan Adarsh Vidyalaya, Nangal Sirohi, Dist. Mahendergarh.
7. Ms. Pooja, Lecturer, Govt. Sr. Sec. School, Dongra Ahir, Dist. Mahendergarh.
8. Ms. Suman, Lecturer, Govt. Sr. Sec. School, Malda Bans, Distt. Mahendergarh.
9. Ms. Jyoti, Lecturer, Govt. Sr. Sec. School, Haryana.
10. Ms. Shruti Jain, Asstt. Professor (Adhoc basis), University of Delhi, Delhi.

**44. Give Details of Student Enrichment Programmes (Special Lectures / Workshops / Seminar) Involving External Experts:**

- Prof. Anil Raina (Panjab University, Chandigarh) and Prof. Rajul Bhargav (University of Rajasthan, Jaipur) delivered extension lectures in the Series of Induction Seminars organised by the University from 21<sup>st</sup> Dec. to 23<sup>rd</sup> Dec. 2009.
- Dr. Sushma Arya, Principal, DAV Girls College who is a reputed scholar in English was invited for an Extension Lecture in the Orientation Programme on August 7, 2013.
- Department has initiated the series of Extension Lectures by the eminent scholars. The list of the eminent scholars identified by the Department includes the following:

Sr. No.	Name	Designation	Affiliation
1.	Prof. Kapil Kapoor	Former Professor and Pro-VC, JNU	Centre for English Studies, School of Jawaharlal Nehru University, New Delhi
2.	Prof. Bhim Singh Dahiya	Former Vice Chancellor	Kurukshetra University, Kurukshetra
3.	Prof. Avadhesh K. Singh	Professor and Former Vice Chancellor, Gujarat Open University	IGNOU, New Delhi
4.	Prof. P.C. Patnaik	Professor	University of Delhi, Delhi
5.	Prof. Makarand R. Paranjape	Professor	Centre for English Studies, Jawaharlal Nehru University, New Delhi
6.	Prof. Akshaya Kumar	Professor	Department of English and Cultural Studies, Panjab University, Chandigarh.
7.	Prof. Simi Malhotra	Professor	Department of English, Jamia Millia Islamia, New Delhi
8.	Prof. G.N. Devy	Founder Director	<i>Bhasha</i> Research and Publication Centre, Vadodara
9.	Prof. Prafulla C. Kar	Former Professor of English	Maharaja Sayajirao University, Vadodara
10.	Prof. Shrawan Kumar Sharma	Professor & Head , Director, Centre for Canadian Studies	Department of English, Gurukul Kangri Vishwavidyalaya, Haridwar
11.	Prof. A.B. Sharma	Professor	<b>Department of English, University of Delhi, Delhi</b>

12.	Prof. Rukmini Bhaya Nair	Professor	<b>Indian Institute of Technology Delhi, New Delhi</b>
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**45. List the Teaching Methods Adopted by the Faculty for Different Programmes:**

- Lecture
- Tutorial
- Practical Classes of Situational & Communicative English
- PPT Presentations & Discussions
- Open Book Exams
- Interactive Teaching based on ICT

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Necessary steps have been taken to ensure that various objectives are realised, by considering and evaluating feedback from different stakeholders, including students, faculty members, parents, academia and alumni.

**47. Highlight the Participation of Students and Faculty in Extension Activities:**

- The M.Phil and Ph.D scholars of the first batch attended the event “PPP in Higher Education: Beginning of Dialogue” on 22<sup>nd</sup> May 2010 with Business, Commerce, Civil Society, Industry, Professionals and School Leadership.
- In the Lecture, Seminars & Presentation Series organised by the University on 16<sup>th</sup>-17<sup>th</sup> Feb. 2010, the scholars of the department gave presentations on the following themes:
  - a. Mr. Jagpal on “Stylistics: Theory and Practice- H.G. Widdowson”, “Approaches to Stylistics: Geoffrey N. Leech & Other Stylisticians” and “Phonology of English and Suggestions for the Improvement of Indian English”
  - b. Ms. Venu Madan on “Tradition and Individual Talent” and “Ramanujan’s Philosophy”
  - c. Ms. Priyanka Yadav on “Victorian Age: A Glimpse into Non-Fiction”, and “Formalist Approach- A Practical Approach”.
  - d. Ms. Snehsata on “Albert Camus- An Existentialist with a Difference” and Confessional Strain in Kamla Das’s Poetry”
- M.Phil and Ph.D scholars of the department, Mr. Jagpal, Mr. Arpit Kothari, Ms. Snehsata, Ms. Venu Madan, Ms. Priyanka Yadav, Ms. Charu Aggarwal, Ms. Shruti Jain, Ms. Indu Rani, Ms. Munesh and other students of first batch got the opportunity to interact with Hon’ble Vice President, Mr. M.Hamid Ansari at his residence on 23<sup>rd</sup> April 2010.
- The scholars of the department participated in National Seminar on “Republic of India@61” held in the University on March 26-27, 2011.
- The scholars of the department gave their presentations in the colloquium “India of Today and Tomorrow: Economic, Political, Cultural & Literary Perspectives” on Feb. 2, 2012.
- The Ph.D scholar of the department, Mr. Ravinder Kumar was the panellist in the Students’ Panel Discussion on “Nurturing Democratic Values and Youth” on Aug. 14, 2012.
- The Ph.D scholars of the department, Ms. Rekha and Mr. Ravinder Kumar, and faculty, Dr.

Sanjiv Kumar were on the panel discussion on “*Gyanarjan mein Dvibhashi Drishti: Manto se Gujarate Huye*” on Nov. 19, 2012.

- The faculty and students of the department organised Premchand Anniversary Celebration in collaboration with the Department of Hindi and Indian languages on 31<sup>st</sup> July 2013. Prof. H.S. Chandalia and Dr. Bir Singh Yadav participated as panellists.
- In the series of faculty seminars at the University, Dr Sanjiv Kumar presented a seminar on ‘Culture Crossroads’ on 24<sup>th</sup> Sept. 2010.
- Faculty of the department, Dr. Bir Singh Yadav and Dr. Sanjiv Kumar performed as the panellists in various panel discussions organised as the part of First (Oct. 14-Nov. 14, 2011) and Second (Oct. 22 to Nov. 22, 2012) *One Month Celebration of Partnership in Creating and Sharing Knowledge* in 2011-12 and 2012-13.
- Faculty of the department, Dr. Bir Singh Yadav and Dr. Sanjiv Kumar performed as the panellists in various panel discussions organised as the part of Orientation Programmes “Joining the Sojourn, Aug. 8-10, 2011”, Onward Journey, Rededication Programme, July 23, 2011” conducted by the University at the beginning of sessions 2011-12 and 2012-13.
- The faculty of the department, Prof. H.S. Chandalia, Dr. Bir Singh Yadav and Dr. Sanjiv Kumar were on the panel discussion organised by the Movie Club on the topic “Dissecting the Film: Paan Singh Tomar’ on April 26, 2012.
- Dr. Bir Singh Yadav performed as the panellist in the Demonstrative Panel Discussion on “India Story: Reality or Myth” on Aug. 13, 2012.

Presently, Students and faculty of the department contribute in certain activities for:

- Constituting the Literary Club named “Literati Rendezvous” to pursue student-centric literary and cultural activities
- Literary Activities through the Literary Club including—
- Screening of Syllabi-specific Movie “A Tale of Two Cities” on 18<sup>th</sup> Sept. 2015
- Poetry Recitation on Sept. 24, 2015
- Screening of Movie “The Colour Purple” on 13<sup>th</sup> Oct. 2015
- Sensitisation and awareness programmes
- Clean Campus Initiatives
- Gender Sensitization Programmes
- Curriculum and Content Development
- Providing Remedial Coaching to the school students of neighbouring villages

#### **Details of few activities:**

- The faculty and students of the department are actively contributing to the activities under the Community Development and Unnat Bharat Abhiyan.
- Dr. Sanjiv Kumar, Associate Professor of this department is the Coordinator of Community Development and Unnat Bharat Abhiyan Cells.
- NSS Camps: Seven students of the department are engaged in this programme.
- Mr. Ramakant Sethi, M.A. English, participated in various Yoga activities at State/National Level (Session 2014-15)
- Mr. Ghulam Mohd. Khan was nominated as student representative of the University to interact with hon’ble Minister, HRD and to visit Parliament of India on 17<sup>th</sup> Nov. 2014.
- Mr. Ramakant Sethi, M.A. English, participated in various Yoga activities at State/National Level (Session 2014-15)



- Mr. Pawan Kumar, M.A. (English), participated in Essay Competitions organised by Rajbhasha Department and got the Second Prize (2014-15 and 2015-16)
- Mr. Pawan Kumar and Mr. Sushil, M.A. (English), participated in Quiz Competition organised by Rajbhasha Department and got the Second Prize (Session 2014-15)
- Play “Ēk Ansuni Awaaz”, directed by Dr. Manoj Kumar, Assistant Professor was enacted by the students of the department on International Girl Child Day.
- Play “Bhrun Hatya, Ek Abhishap” was enacted under the direction of Dr. Manoj Kumar on 24<sup>th</sup> Sept. 2014.
- Play “School Inspection” was enacted by the students of the department under the direction of Dr. Manoj Kumar on 24<sup>th</sup> Feb. 2015.
- Dr. Sanjiv Kumar, Associate Professor represented the University in the meeting to discuss the framework of New Policy on Higher Education at Vigyan Bhawan, New Delhi on 11<sup>th</sup> Aug. 2015.

**48. Give Details of “Beyond Syllabus Scholarly Activities” of the Department:**

- i. The department conducts Communication Skill classes to the students free of cost.
- vi. Conducting the series of Extension Lectures by distinguished scholars
- vii. Ms. Rinu, Dr. Manoj Kumar and Mr. Sudeep are contributing in the initiative of the University for UGC NET Coaching and Communication Skill Classes.
- viii. Dr. Sanjiv Kumar contributed as one of the Mentors in Proficiency Development and Capacity Building Programme during the session 2010-11 and 2011-12.

**49. State whether the Programme/ Department is accredited/graded by other agencies? If yes, give details.**

The department is in the process of the first cycle of NAAC accreditation.

**50. Briefly Highlight the Contributions of the Department in Generating New Knowledge, Basic or Applied:**

- Conducting multidisciplinary research by way of M.Phil and Ph.D programmes
- Application of theoretical framework provided by Indian and Western Theories in the study of literature e.g., the scholars of the department recently pursued research on ‘Desiyata’, ‘Nativism’, LGBT Studies, Ecofeminism, Dalit Aesthetics, Sanskrit Poetics and Postfeminism.
- Contribution in organizing University-level academic events, including the following:
  - a. Department of English & Foreign Languages and the Department of Hindi jointly organised an event “A Bilingual Approach to Creation of Knowledge: Revisiting Saadat Hasan Manto—A Dialogue” on Nov. 19, 2012.
  - b. National Seminar on ‘Republic of India@61’
  - c. National Seminar on ‘People, Power and Progress’ (May 30-31, 2012)
  - d. National Level Consultative Workshop on ‘Right to Education 2009’ (June 21, 2012)
  - e. Seminar on ‘India of Today & Tomorrow’ (Feb. 2, 2012)
  - f. Dr. Sanjiv Kumar, Associate Professor contributed as the member of Advisory Committee in the Workshop on ‘Addressing Discrimination against Women: Walk the Talk’ (May 18-20, 2011)
  - g. The faculty of the department coordinated and initiated Book-Reading Sessions on the following dates:

- i. First Book Reading Session on Pratibha Ray's *Yajnaseni: The Story of Draupadi*, Rupa & Co., Delhi, 1995. (Oct. 17, 2011)
  - ii. *The Story of English in India* by N. Krishnaswamy and Lalitha Krishnaswamy (Nov. 2, 2011)
  - iii. *Postcolonial Ecocriticism* by Graham Huggan and Helen Tiffin (Nov. 9, 2011)
  - iv. *Yajnaseni* by Partibha Ray (Oct 8, 2011)
  - v. *Language and Politics in India* edited by Asha Sarangi (March 19, 2012)
  - vi. *Beautiful Country: Stories from another India* by Saida Hameed and Gunjan Veda (Oct. 11, 2012)
  - vii. *The Argumentative Indian* by Amartya Sen (Oct. 20, 2012)
  - viii. *The Palace of Illusions* by Chitra Banerjee Divakaruni (Nov. 5, 2012)
  - ix. *Digital India* by Pradip Ninan Thomas (Nov. 8, 2012)
  - x. *Surajmukhi Andhere Ke* by Krishana Sobti (April 15, 2013)
- Faculty of the department is on the Editorial Board of the Journal of Central University of Haryana.
  - Faculty of the department visited other Universities/Colleges as Resource Persons, Chair/Co-Chair and Keynote Speaker in National? International seminars and conferences at various levels:

**Dr. Bir Singh Yadav:**

- Delivered Invited lecture on “Dalit Literature: Challenges and Potentialities” in UGC Sponsored National Seminar on Dalit Literature: Challenges and Potentials organized by Dept. of English, Govt. College Ateli (Mohindergarh), Haryana, March 16-17, 2009.
- Delivered Invited Lecture on “The Experiences of British Rule in Modern India as Reflected in Contemporary life & Literature” in IX Annual Conference of RASE at Jaipur National University, Jaipur, Nov. 3-4, 2012.
- Delivered Invited Lecture on “Exploring Modern/ Postmodern Critical Theory” in National Seminar on *Exploring Modern / Postmodern Critical Theory* organized by Dept. of English, Govt. College, Ateli Mahendergarh, Haryana, March 23-24, 2013.
- Invited lecture on Women Empowerment in seminar on “Role of Co-operative Societies in Women Empowerment” organized by The Haryana State Co-operative Development Federation Ltd., Chandigarh HARCOFED, Bhiwani, March 31, 2011.
- Delivered Invited Lecture on “Multi-Disciplinary Approach to Learning” in Orientation Programme for Research Scholars and P.G. Students organised by Ch. Ranvir Singh Huda University, Jind, Haryana, Sept. 2, 2014.
- Delivered Invited Lecture on “The Role of Youth in Nation Building” in Orientation Programme for Research Scholars and P.G. Students organised by Ch. Ranvir Singh Huda University, Jind. Haryana, Sept. 2, 2014.
- Participated as Resource Person and delivered lecture on “Interrogating Gender: Politics of Culture” in National Seminar on *Interrogating Gender: Politics of Culture* organised by Post-Graduate Dept. of English, Govt. College, Mahendergarh, Haryana, November 7-8, 2014.

**Dr. Sanjiv Kumar:**

- Chaired the Technical Session in the International Seminar on “New Trends in 20<sup>th</sup>-21<sup>st</sup> Century English Literature and Language” at Bhagat Phool Singh Mahila Viswavidyalaya, Kanpur, Sonapat, Haryana, March 13-14, 2015.
- Chaired Two Technical Sessions in the International Seminar on “Sustainable Development

in 21<sup>st</sup> Century: A Glocal Perspective”, at Ch. Ranbir Singh University, Jind, March 19-21, 2015.

- Co-Chaired one Technical Session in the National Seminar on “Learning from the Masses: Exploring the Folklore” at Mahila PG Mahavidyalaya Jodhpur, Nov. 1-2, 2014.
- Participated as Resource Person and delivered a talk on “Challenges for the New Woman” in the National-level Workshop on “Need of Gender Sensitisation in an Emerging World” in Higher Education Haryana sponsored National workshop organized at Govt. College, Nahar , Rewari, March 11-13, 2012.
- Participated as Resource Person and delivered a talk on “ICT as a Master or Slave” in the National Seminar on “Enhancing the Use of Technology for Ensuring Quality Teaching” at Noida College of Physical Education, Dhoom Manikpur, Noida, March 17, 2012.
- Participated as Resource Person and delivered a talk on “Theorising Translation” in National Workshop on Translation Theory & Practice Jain Vishva Bharati Institute, Ladnun, Sept. 20-26, 2012.
- Participated as Resource Person and delivered a talk on “Value Education through Role Models” in the Orientation cum Induction Programme at Ch. Ranbir Singh University, Jind, Aug. 22, 2014.
- Faculty of the department contributes in sensitisation and awareness programmes being launched by the University under Community Development and Unnat Bharat Abhiyan.
- Dr. Sanjiv Kumar, Associate Professor performs as the Coordinator of Community Development Cell and Unnat Bharat Abhiyan Cell to conduct sensitisation and awareness programmes for the students and masses from the neighbouring area.

#### **51. Detail Five Major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:**

##### **Strength**

- i. Faculty with diverse areas of teaching and research interests
- ii. Students from diverse ethnic background
- iii. Encouraging students’ progression in higher education
- iv. Multidisciplinary research focus
- v. Self-study courses to promote the interest of the students in the areas of their choice

##### **Weakness**

- i. Shortage of academic programmes with Linguistics or Foreign Languages as the thrust areas
- ii. Lack of faculty at the level of Professors/visiting Professors/Adjunct Professor
- iii. So far, Department has not collaborated with any other University
- iv. Presently, Department is not running integrated programmes

##### **Opportunities**

- i. It being a new University, there are the opportunities for devising and exploring innovative pedagogies and curriculum as per the needs of the hour.
- ii. Department can harness the opportunity to engage itself in multidisciplinary research environment with the Choice-Based Credit System being in force in the University.
- iii. Maintaining the rigor in the department so as to attract the students from prestigious universities

##### **Challenges**

- i. Maintaining the competitive environment in the department with the students coming from diverse linguistic and regional backgrounds
- ii. To overpower the locational disadvantage for attaining global competence

**52. Future Plans of the Department:**

- Certificate and Diploma Courses in Foreign Languages
- Collaborative initiatives with prestigious organisations
- Student-exchange programmes
- Creative Writers in-Campus Programmes
- Continuing the Series of Extension Lectures by the Eminent Professors
- Engaging Visiting Professors/Adjunct Faculty
- Organising Seminars/Conferences/Workshops at regular intervals

## Appendix-I

### Details of M.Phil and Ph.D Research Pursued by the Researchers on Inter/Multidisciplinary Topics:

#### M.Phil:

Sr. No.	Name of Student	Roll No.	Session	Topic of Research	Inter-disciplinary/ Multidisciplinary Focus	Supervisor
1.	Anoop Singh	3043	2009-10	Struggle of Modern Generation for Identity and Freedom in Selected Novels of Chetan Bhagat	Philosophical/ Existentialism	Dr. Bir Singh Yadav
2.	Charu Aggarwal	3501	2009-10	Voice of the Voiceless: A Comparative Study of Subaltern Characters in E. M. Forster's <i>A Passage to India</i> and Munshi	Subaltern Study	Dr. Bir Singh Yadav
3.	Indu Rani	3502	2009-10	Radical Behaviouristic Interpretation of Rusty's Character in the Selected Novels of Ruskin Bond	Psychological Dimensions- Behaviouristic Approach	Prof. Rajul Bhargava
4.	Shruti Jain	3503	2009-10	Towards Becoming a Being: A Feminist Study of <i>That Long Silence</i> , <i>My God is a Woman</i> and <i>The Space Between Us</i>	Gender Study	Prof. Rajul Bhargava
5.	Munesh Yadav	3507	2009-10	Racial Bias and Prejudice in Mark Twain's <i>The Adventure of Huckleberry Finn</i> and Louisa May Alcott's <i>Little Women</i>	Racial Study	Prof. Rajul Bhargava
6.	Pooja Yadav	3510	2009-10	Chick-Lit and the Novels of Shobha De: A Select Study	Gender Study	Prof. Rajul Bhargava
7.	Poonam	176	2010-11	Minimalism and the short Stories of Raymond Carver: An Analysis	Study of Arts	Dr. Ritu Tomer
8.	Jyoti	177	2010-11	Politics in 'Home' and 'Aboard' in the Fiction of	Diaspora Study	Dr. Bir Singh Yadav

				Uma Parmeswaran		
9.	Rekha Kumari	180	2010-11	Upward Mobility versus Ethical Values: A Study of Arvind Adiga's <i>The White Tiger</i> and Upamanyu Chatterjee's <i>Way to Go</i>	Philosophy	Dr. Sanjiv Kumar
10	Suman Kumari	181	2010-11	Reforming a New World Order: Changing Dialectics in Toni Morrison's <i>The Bluest Eye</i> and <i>Mercy</i>	Sociology	Dr. Bir Singh Yadav
11	Saikat Banerjee	1178	2011-12	Re-thinking Train to Pakistan	Partition	Dr. Bir Singh Yadav
12	Dharmendra Singh	1179	2011-12	Contextualising <i>An Area of Darkness</i> in Contemporary Indian Ethos	Culture Study	Dr. Sanjiv Kumar
13	Pabitra Sharma	1180	2011-12	Postfeminist Dimensions in Toni Morrison's <i>Beloved</i> and <i>Sula</i>	Gender Study	Prof. Hemendra Singh Chandalia
14	Yashpal	1181	2011-12	Representation of Woman as Doubly Marginalised in Dalit Autobiographies: A Study of Bama's <i>Karukku</i> and Limbale's <i>Outcaste</i>	Dalit Studies	Dr. Sanjiv Kumar
15	Satyawati	1801	2012-13	Childhood in Dalit Literature: A Study of Select Dalit Autobiographies	Dalit Studies	Dr. Sanjiv Kumar
16	Rajesh Kumar Dua	1803	2012-13	Making of Pepole's Icon: A Study of the Autobiographies of M.K. Gandhi and Nelson Mandela	Political Autobiography	Prof. H.S. Chandalia
17	Showkat Hussain Itoo	1805	2012-13	Select Short Stories of K.A. Abbas: A Study of his Progressive Vision	Progressive Movement	Prof. H.S. Chandalia
18	Sonal Sharma	1807	2012-13	Arundhati Roy's	Sociology	Dr. Bir Singh

				Worldview as Represented in <i>The God of Small Things</i>		Yadav
19	Priyanka	4241	2013-14	Complex Terrain of the Indian Family: A Study of Manju Kapur's Custody	Sociology	Dr. Manoj K. Vidyalankar
20	Salesh	4242	2013-14	Rasa Aesthetics in Rabindranath Tagore's Select Short Stories	Indian Aesthetics	Dr. Manoj K. Vidyalankar Co-Supervisor: Ms. Rinu Yadav
21	Manju Kumari	4243	2013-14	U.R. Ananthamurthy's Samskara and Bharthipura: A Site of Clashes	Dalit Studies	Dr. Snehsata (Supervisor) Mr. Sudeep Kumar (Co-Supervisor)
22	Basant Lal Yadav	4244	2013-14	Cultural Politics and leisure Economy of Blog Writings	Culture Study	Dr. Snehsata (Supervisor) Mr. Sudeep Kumar (Co-Supervisor)
23	Raj Kumar	4245	2013-14	Translating Nature in Deepa Mehta and Bapsi Sidhwa: An Eco-Critical Approach to Adapting Ice-Candy Man and Water	Ecofeminism & Adaptation	Dr. Sanjiv Kumar
24	Waseem Majid	4246	2013-14	Reflection of Trauma in the Poetry of Agha Shahid Ali: A Study of Select Poems	Diaspora and Kashmir Experience	Dr. Bir Singh Yadav
25	Anushka Nagpal	5102	2014-15	Contextualising the Predicament of Dalit Christians: A Study of Bama's Karukku and Sangati	Dalit Studies	Dr. Snehsata
26	Daljeet	5103	2014-15	Vakrokti Siddhanta and Russian Formalism: A Study	Comparative Study	Dr. Manoj K. Vidyalankar

27	Deepu Kumar	5104	2014-15	Socio-cultural Study of Sharan Kumar Limbale's Dalit Brahman and Hindu	Dalit Studies	Dr. Sanjiv Kumar
28	Rajbir Singh	5106	2014-15	Demystifying the Feminine Mystique: Women in Shauna Singh Baldwin's <i>The Selector of Souls</i> and Namita Gokhale's <i>A Himalayan Love Story</i>	Gender Studies	Dr. Manoj Kumar & Ms. Rinu
29	Shaifali Arora	5107	2014-15	Religio-Cultural Contexts of Contemporary Indian Cinema	Cinema Studies	Dr. Sanjiv Kumar
30	Shankar Lal Choudhary	5108	2014-15	The Politics of Desiyata: A Literary Context	<i>Bhasa</i> Criticism and Nativist Issues	Dr. Sanjiv Kumar & Mr. Sudeep Kumar
31	Tanupriya	5110	2014-15	“Contemporary Gay writing of Indian English Witter; with reference to Hoshang Merchant’s Yaarana: Gay Writings from South Asia and R. Raj Rao’s The Boyfriend”	LGBT Studies	Dr. Bir Singh Yadav

**Ph.D:**

Sr. No.	Name	Roll No.	Session	Topic	Inter-disciplinary / Multidisciplinary Focus	Supervisor
1.	Naresh Mahicha	101	2010-11	Socio- Cultural Transcription of the Oral Tradition of the Fatehpur Shekhawati Region	Culture Studies	Dr. Sanjiv Kumar
2.	Ruchi Vadhva	102	2010-11	Issues of Subalternity in the Works of Mahasweta Devi: Towards A More Equitable Order	Subaltern Studies	Dr. Sanjiv Kumar
3.	Anuradha Deepak	103	2010-11	From Myth to Metamorphosis: The Changing Images of	Cinema Studies	Dr. Bir Singh Yadav



				Womanhood in Post-1990 Hindi Cinema		
4.	Subhash Chand	104	2010-11	Negotiating Cultural Diversities: The Spatio-temporal Dialogics of Amitav Ghosh	Culture Studies	Dr. Bir Singh Yadav
5.	Shweta Ahuja	105	2010-11	The Metropolis as a Locale: A Politico-Cultural Study of the Works of Chetan Bhagat, Vikram Chandra and Suketu Mehta	Culture Studies	Dr. Bir Singh Yadav
6.	Akhilesh Kumar	1101	2011-12	India in the Select Travelogues of Fanny Parkes, V.S. Naipaul and William Dalrymple: Re-Reading Socio-Cultural Dimensions	Travel Writings	Dr. Bir Singh Yadav
7.	Ajit Singh	1102	2011-12	Debating the Contemporary: A Study of Mahesh Dattani's Plays	Sociology	Dr. Manoj Kumar
8.	Yeshpal Singh	1103	2011-12	Contextualising Premchand and Anton Chekhov: A Study of Select Short Stories	Comparative Study	Dr. Sanjiv Kumar
9.	Shushma Sharma	1104	2011-12	A Postmodernist Feminist Critique of Salman Rushdie's Fiction: A Study Select Novels	Gender Study	Dr. Manoj Kumar
10.	Bhavya Singhal	1105	2011-12	Contextualising Simone de Beauvoir's <i>The second Sex</i> in the Select Novels of Doris Lessing	Gender Study	Dr. Bir Singh Yadav
11.	Indu Rani	1106	2011-12	Humanistic Psychology: Analysis of Select Characters of James Joyce, Rukin Bond and khaled Hosseini	Psychological Study	Dr. Sanjiv Kumar
12.	Shruti Jain	1107	2011-12	Redefining Feminism - Going Beyond the	Gender Study	Dr. Bir

				'Waves': A Study of Select Indian Women Writers		Singh Yadav
13.	Munesh Yadav	1108	2011-12	Spirituality and Science in the Select Works of Chitra Banerjee Divakaruni, Pratibha Ray and Sundar Sarukkai	Science and Spirituality Interface	Dr. Sanjiv Kumar
14.	Nistha Parashar	1551	2012-13	Toni Morrison's Fiction: An Ecocritical Appraisal	Racial Study	Dr. Bir Singh Yadav
15.	Ravinder Kumar	1552	2012-13	Loss and Gain in Translation: A Stylistic Study of Saadat Hasan Manto's short stories	Translation Study	Dr. Bir Singh Yadav
16.	Saraswati	1553	2012-13	Literary Responses to Violence: A Study	Study of Violence	Dr. Sanjiv Kumar
17.	Rekha Kumari	1554	2012-13	Problematics of Human Rights in Contemporary Indian English Fiction	Human Rights	Dr. Sanjiv Kumar
18.	Jyoti	1555	2012-13	Narration of Past and Location of Ambivalence in the Work of Uma Parmeswaran and Anita Rau Badami: A Comparative study	Diaspora Studies	Dr. Bir Singh Yadav
19.	Arpit Kothari	3006	2009-10	New Socio-Cultural Realities in India English Fiction of the New Millennium	Culture Studies	Prof. H.S. Chandalia
20.	Jag Pal	3012	2009-10	From Affirmation to Negation: A study of Gandhian Ideology in Select Indian English Novels	Philosophy	Prof. H.S. Chandalia
21.	Venu Madan	3033	2009-10	Critiquing Dimensions of Realism in the Works of Vikram Chandra	Philosophy	Prof. H.S. Chandalia
22.	Priyanka Yadav	3051	2009-10	Diasporic Negotiations in the Select works of Indo-Canadian Women Writers	Diaspora Studies	Prof. H.S. Chandalia

23.	Snehsata	3059	2009-10	Revisiting Albert Camus' Existentialism: A Study of His Major Works	Philosophical Theory	Dr. Bir Singh Yadav
24.	Ghulam Mohammad Khan	5031	2014-15	Problematics of Memory: A Study of Contemporary Kashmiri Narratives	Regional Studies	Dr. Bir Singh Yadav
25.	Manjeet Singh	5032	2014-15	The Game of Dice as a Structural Metaphor in Popular Indian Culture	Indian Mythology	Dr. Sanjiv Kumar
26.	Sanjay Kumar Joshi	5034	2014-15	Idea of Justice in William Shakespeare's Play: A Study	Law and Literature	Dr. Bir Singh Yadav
27.	Showkat Hussain Itoo	5035	2014-15	Representation of Disability in Indian English Writing: Identity, Subjectivity, Voices and Concerns	Disability Study	Dr. Sanjiv Kumar
28.	Sunil Kumar	5036	2014-15	Thematics of Violence in the Plays of Vijay Tendulkar	Study of Violence	Dr. Manoj Kumar
29.	Poonam	5033	2014-15	Social Issues in the Plays of Mahesh Elkunchwar	Sociological Issues	Dr. Manoj K. Vidyalkar
30.	Vidhi Yadav	5037	2014-15	Narrating the Nation in U.R. Ananthmurthy's Fiction: A Study	Politics of Nation	Dr. Manoj K. Vidyalkar

## Appendix-II

### List of Publications

#### Research Publications:

#### 1. Dr. Bir Singh Yadav:

##### Peer Reviewed Journals (International)

35. "The Solitary Reaper': Wordsworth's Music of Suffering Humanity" published in *Sanskriti: Shodh Patrika*, Inter-disciplinary Ref. Journal 2011-12 Purnank-11 ISSN: 0974-8911.
36. "William Wordsworth's Nutting: An Insight into Deep Ecology" published in *Sanskriti: Shodh Patrika*, Inter-disciplinary Ref. Journal. 2011-12 Purnank-11, ISSN: 0974-8911.

37. "Wordsworth's Realisation of the Spiritual Self in Lucy Gray and other Poems" published in *Oasis*, Vol. 1 June, 2009. ISSN No.0975-4334.
38. "Translation: An Evolutionary Philosophic Process in Language Literature, Law and Culture" published in *Glimpses: A Bi-Annual International Journal of Multi-Disciplinary Research*, Vol. 1, Dec., 2011, ISSN 2250-0561.
39. Book Review- *Yajnaseni* by Pratibha Ray, Trans. By Pradip Bhattacharya published in *Glimpses: A Bi-Annual International Journal of Multi-Disciplinary Research*, Vol., 1, Dec., 2011, ISSN 2250-0561.
40. "Disrupting Patriarchy: A Study of Pratiibha Ray's *Yajnaseni-The Story of Draupadi*" published in *Unheard Melody: A Refereed Research Journal of English Literature*. Vol VII, Dec., 2011, ISSN 2229-4236.
41. "*Kubla Khan*: S. T. Coleridge's Psycho-Philosophic Probing into the Paradoxical Nature of Life and the World" published in *Glimpses; A Peer- Reviewed Refereed International Journal*. Vol. 1 No. 3 Dec. 2013, ISSN: 2250-0561.
42. "'Ode to Autumn': John Keats' Pragmatic and Mature Vision of Life" published in *Glimpses; A Peer- Reviewed Refereed International Journal*. Vol. 2, No. 2, June, 2013, ISSN: 2250-0561.
43. "Rabindranath Tagore's Epistemological Insight into the Hero: A Phenomenological Approach" published in *Labyrinth: An International Refereed/Indexed Journal of Postmodern Studies*, Vol. 4/ No4 Oct. 2013, ISSN: 0976-0814.
44. "William Wordsworth's Ethical Vision: *The Prelude and Other Poems*" published in *Ruminations- A Peer-Reviewed Bi-Annual International Journal for Analysis and Research in Humanities and Social Sciences*, Vol.2, June, 2012, ISSN: 2229-6751.
45. "Ode to Duty": Wordsworth's Vision of the Universal Creed" published in *Glimpses-A Peer-Reviewed Bi-Annual Refereed International Journal of Multi-Disciplinary Research*, Vol. – 2, June 2012, ISSN 2250-0561.
46. Book Review: *Postcolonial Ecocriticism* by Graham Huggan and Helen Tiffin published in *Labyrinth- An International Refereed Journal of Postmodern Studies*, Vol.3 /No3- July 2012, ISSN 0976-0814.
47. "Spiritual and Ethical Value Integrated Education: A Need for Technical Students" published in *Proceedings of International Conference on Role and Responsibilities of Humanities and Social Sciences in Technical Education*, 16-17 March, 2012 organised by SRM University, Ghaziabad(U.P.) ISBN 978-93-81465-79-0.
48. "A Philosophic Perspective on Dalit and Dalitism in Literature" published in National Seminar on Dalit Literature Challenges and Potentialities organised by Govt. College, Ateli on March 16-17, 2009. ISBN 81-8043-066-9.
49. "Translation Praxis: A Philosophic Reflection" published in National Seminar on Translation, Bilingualism and Pedagogy organised by Govt. College, Ateli on Jan. 14-15, 2012. ISBN: 978-93-8043-095-2.

50. "Progress and Happiness of Mother Earth in all Inclusive Democratic System" published in National Seminar on Inclusive Democracy: People, Power and Progress organised by CUH, Mahendergarh on May 30-31, 2012.
51. "Integrated Vision of Spirituality and Science: A Reflection of Divine Culture on the Earth" published in *IOSR Journal of Humanities and Social Science* Vol.:1, Issue: 2, Sep-Oct. 2012. (ISSN: 2279-0845)
52. "Spiritual and Ethical Ascendancy in William Wordsworth's *Tintern Abbey*" published in *Ars Artium*, an International Peer-Reviewed-cum-Refereed Research Journal of Humanities and Social Sciences, New Delhi. Vol. 1, Jan., 2013. ISSN: 2319-7889.
53. "Building and Breaking Illusions in the Patriarchal Universe: An Explorative Insight into Chitra Banerjee Divakaruni's *The Palace of Illusions*" published in *Labyrinth: An International Refereed/Indexed Journal of Postmodern Studies*. Vol. 4/No, 1 Jan. 2013. ISSN: 0976-0814.
54. "Ingrained Spirituality in Femininity: A Study of Chitra Banerjee Divakaruni's *The Palace of Illusions*" published in *Ruminations: An International Journal of Humanities and Social Sciences* Vol. 3 No 1 Dec. 2012. ISSN: 2229-6751.
55. "Spirituality Across Cultures: A Study of World Literature" published in *Ruminations: An International Journal of Humanities and Social Sciences* Vol. 3 No 2 Dec. 2012. ISSN: 2229-6751.
56. "Immortality Ode: William Wordsworth's Insight beyond Life" published in *Glimpses: A Peer-Reviewed Refereed International Journal of Multidisciplinary Research*. Vol. 1 No. 2 Dec., 2012. ISSN: 2250-0561.
57. "Translation in Literature: A Creative and Truth Pursuing Process" published in *Labyrinth: An International Refereed/Indexed Journal of Postmodern Studies*. Vol. 5 / No. 1 Jan. 2014. ISSN: 0976-0814.
58. "Burning and Balmy Impact of British Rule on Indian Psyche: A Pragmatic Reflection" published in *Journal of Rajasthan Association for Studies in English*. Vol. 9. 2013. ISSN: 0975-3419.
59. "Unified Vision of Truth and Beauty in John Keats' Ode on a Grecian Urn" published in *Ars Artium: An International Peer-Reviewed-Cum-Refereed Research Journal* Vol. II January 2014. ISSN: 2319-7889.
60. "Travelogues and Creative Literature: Focus on William Wordsworth and S. T. Coleridge" published in *Ruminations: A Peer Reviewed Bi-Annual International Journal for Analysis and Research* Vol.4 No. 1 Dec.2013. ISSN: 2229-6751.
61. "Ecocriticism as a Praxis: An Explorative Insight to Save the Earth" published in *Exploring Modern / Postmodern Critical Theory National Seminar* March 23-24, 2013 Govt. College Ateli. ISBN: 978-81-8455-486-1.
62. "Dreams within Dream in Chitra Banerjee Divakaruni's *Queen of Dreams*: Psycho analytic Approach as Interpretive Tool" published in *Labyrinth: An International Referred/Indexed Journal of Postmodern Studies* Vol. 5 No.2/April, 2014. ISSN: 0976-0814.
63. "Law, Literature, Language and Justice in Shakespeare's *The Merchant of Venice*" published in *Journal of Central University of Haryana*. March, 2014. ISSN: 2348-3377.

64. "Reality and Imagination in Pratibha Ray's *Yajnaseni*" published in *Oasis*: Jun 2014 Vol 6. ISSN: 0975-4334.
65. "S. T. Coleridge's Psycho-Philosophic and Metaphysical Exploration in *The Ancient Mariner*" published in *Labyrinth: An International Referred/Indexed Journal of Postmodern Studies* Vol.5 No.4, Oct.2014. ISSN: 0976-0814.
66. "Peace Promoting Power of Literature: A Reflection on *Mahabharata*" published in *Glimpses: A Peer- Reviewed Refereed International Journal of Multidisciplinary Research*. Vol. 2 No. 3 June. 2014. ISSN: 2250-0561.
67. "William Wordsworth's Epistemological Vision: Empiricism versus Rationalism" published in *Ruminations: A Peer Reviewed Bi-Annual International Journal for Analysis and Research* Vol. 4 No.2 June, 2014 Abstracted & Indexed at Ulrich USA. ISSN: 2229-6751.
68. "Representation of Women in Literature, Law and Culture" published in *Gnosis: An International Journal of English Language and Literature*. Vol. 1/ No 1-Oct., 2014. ISSN 2394-0131.

**No. of Books Published:**

**I. With ISBN No.**

2. *Scientific & Spiritual Vision of William Wordsworth* published by RBSA Publishers, Jaipur in 2009 (ISBN- 978-81-7611-467-7)

**II. Chapters in Edited Books**

1. "A Philosophical Perspective on Dalit and Dalitism in Literature" published in *Dalit Literature Challenges and Potentialities*. Ed. Karan Singh published by Creative Books, New Delhi in 2009. (ISBN 81-8043-066-9)
2. "Spiritual and Ethical Value Integrated Education: A Need for Technical Students" published in *Role and Responsibilities of Humanities and Social Sciences in Technical Education*. Ed. Vijay Roy published by Alfa Publication, New Delhi in 2012. (ISBN 978-93-81465-79-0)
3. "Translation Praxis: A Philosophical Reflection" published in *Translation Bilingualism and Pedagogy*. Ed. Karan Singh published by Creative Books, New Delhi in 2012. (ISBN: 978-93-8043-095-2)
4. "Spiritual and Ethical Value Integrated Education: A Need for Technical Students" published in *Value Education and Professional Ethics: An Anthology*. Ed. Vijay Kumar Roy & Vijaya Lakshmi published by Jnanada Prakashan, New Delhi in 2013. (ISBN: 978-81-7139-555-2)
5. "Ecocriticism as a Praxis: An Explorative Insight to Save the Earth" published in *Exploring Modern and Postmodern Critical Theory*. Ed. Karan Singh. Published by Omega Publication, New Delhi in 2013. (ISBN: 978-81-8455-486-1)
6. "Spirituality Across Cultures: A Study of World Literature" published in *A Comparative Literature: Critical Responses*. Ed. Tribhuwan & Roy published by Paragon International Pub., New Delhi in 2014. (ISBN: 978- 93- 83292-41-7)
7. "Translation in Literature: A Creative and Truth Pursuing Process" published in *Yking Concise Encyclopaedia of Language, Literature and Culture*. Ed. Satendra Kumar and Manoj Kumar

published by Yking Books, Jaipur in 2014. (ISBN: 978-9382532-48-4)

2. **Dr. Sanjiv Kumar**

**Peer Review Journals (International)**

25. "Evolutionary Paradigms of Culture and Culture Studies: An Overview". *The Vedic Path*. Vol. LXXXV, No. 1&2, 2011. ISSN 0970-1443. pp. 48-57.
26. "Excruciating Portrayal of Humanity in Upamanyu Chatterjee's *Way to Go*". *The Vedic Path*, Vol. LXXXV, No. 3&4, 2011, ISSN 0970-1443. pp. 144-154.
27. "Indian English Fiction Today". Indexed International Journal *The Vedic Path*, Vol. LXXXV, No. 3&4, 2011. ISSN 0970-1443. pp. 36-47.
28. "Badal Sircar's Experiments towards Decolonisation". *Writers Editors Critics (WEC)* (March 2012), ISSN 2231-198X. pp. 149-56.
29. Redefining Intertextuality, Labyrinth, An International Indexed Refereed Journal of Postmodern Studies, ISSN 0976-0814.
30. "Inclusivity in a Multilingual Country: A Paradoxical Vision". *The Vedic Path*, Vol. LXXXVIII, No.3&4, Jul-Sept./ Oct.-Dec. 2014, ISSN- 0970-1443.

**E-Journals:**

1. "Emerging Global Scenario and English Language Teaching in India". *Language in India*. Volume 12: 1 January 2012. ISSN 1930-2940.
2. "Bhabha's notion of 'mimicry' and 'ambivalence' in V.S. Naipaul's *A Bend in the River*". *Researchers World* Volume 2, Issue 4, Oct., 2011. (Online ISSN: 2229-4686, Print ISSN: 2231-4172). pp. 118-122
3. "Transforming Realities vis-à-vis Postmodern Indian English Fiction", *The Criterion: An International Journal in English*. Vol. II. Issue. IV December 2011. ISSN (0976-8165).
4. "Colonial Attitude towards English vis-à-vis Glocal Trends in ELT". *ELT Weekly* Volume 3, Issue 92, July 17, 2011. ISSN 0975-3036.
5. "Contextualizing Dalit Aesthetics in Dalit Autobiographies". *International Journal of English: Literature, Language and Skills (IJELLS)*, Vol.1, Issue I, ISSN 2278-0742. pp. 15-23.

**Peer Reviewed Journals (National)**

1. "Language and Culture in Translation." *Dialogue, a Refereed Journal*. ISSN 0974-5556
2. "Dynamics of Multiculturalism in V.S. Naipaul's *Guerillas* and *A Bend in the River*". Oasis, Radha Publications, New Delhi. ISSN 0975-4394. pp. 50-57.
3. "Enigma of Expatriate Indians in V.S. Naipaul's Fiction: A Study of *A House for Mr. Biswas* and *The Mystic Masseur*". Oasis, Radha Publications, New Delhi. ISSN 0975-4394.
4. "University Education in India: Rethinking Priorities". *University News Journal*, Vol. 52, No. 15, April 14-20, 2014. ISSN 0566-2257.
5. "Social Media in the Multicultural Context—Marginalising the Marginals". *Journal of Rajasthan*



Association for Studies in English (RASE). ISSN 0975-3419.

6. "Locating the Aesthetics of Dalit Life Writings". *Creative Forum*. ISSN 0975-6396.

#### **Conference Proceedings:**

1. "Locating Culture, Acculturation and Multiculturalism in Bharti Mukherjee's *Desirable Daughters*". Published in the proceedings of UGC sponsored National Seminar organised at Govt. College Ateli from March 26-27, 2010 with the title Ethnicity/Multiculturalism: Identity Politics and Cosmopolitanism in Literature, eds. Jyoti Yadav, Karan Singh and Amod Rai, Creative Publications, New Delhi, 2010. pp. 90-100, ISBN: 81-8043-075-8.
2. "Interrogating 'Subaltern': A Critique of 'Can the Subaltern Speak'". Published in the proceedings of UGC sponsored National Seminar organised at Govt. College Ateli from March 16-17, 2009 with the title Dalit Literature: Challenges and Potentialities, eds. Jyoti Yadav, Karan Singh and Amod Rai, Creative Publications, New Delhi, 2009. ISBN: 81-8043-066-9.
3. "Higher Education in India: Problems and Perspectives". Published in the Proceedings of a NAAC Sponsored North Regional National Seminar on the theme "Developing Best Practices for Quality Assurance in Govt. Colleges" organised by Govt. Ranbir College Sangrur (Punjab) from Feb. 25-26, 2005. pp. 41-49
4. "English Language Teaching in Transforming Indian Scenario". Published in the Proceedings of a National Conference on the theme "Teaching English to Socially and Culturally Marginalised Learners" organised Jain Vishva Bharati Institute, Ladnun, Rajasthan from March 3-4, 2013, ISBN No. 93-83634-00-2.

#### **Book Published**

##### **I. With ISBN No.:**

- Diasporic Transformations: Novels of V.S. Naipaul. Rawat Publications, Jaipur. ISBN: 978-81-316-0621-9.

##### **II. Chapters in Books:**

- "Global Choices versus Unheard Voices: Opportunities and Challenges for Indian Women". *Feminine Fragrance*, Ed. Dr. Arvind Nawale, Gnosis Press, New Delhi, 2011. ISBN 978-81-7273-656-9.
- "Translation as a Unifying Force". Rethinking Translation, Ed. Sanjay Goyal, Publisher: Jain Vishva Bharti Institute, Ladnun, Rajasthan, 2012. ISBN No. 93-83634-02-6.

##### **III. Monograph:**

- "Enigma of Indian Women". Monograph published by Central University of Haryana titled "*Women Empowerment: Towards a New Dawn*", 2012

#### **3. Dr. Manoj Kumar**

##### **Peer Review Journals (International)**

1. "Behind the Wedding Veil: Child Marriage as a Form of Exploitation of Girls: A Study of R. K. Narayan's Grandmother's Tale" published in *Literary Discourses: A Peer-reviewed International Research Journal of Literature and Art* Vol. III (No. 01) May 2012, (ISSN: 0976 2035)



2. "Cosmopolitanism in Rohinton Mistry's *Family Matters*" published in *The Vedic Path* December 2011 (Index Journal, ISSN: 0970-1443, Registration No. 29063/76)
3. "Application of Kuntaka's *Vakrokti Siddhanta* in Rohinton Mistry's Fiction" published in *Literary Discourses: A Peer-reviewed International Research Journal of Literature and Art* Vol. II (No. 01) May 2011, (ISSN: 0976 2035)
4. "Family as Value: An Assessment of Three Canadian Short Stories" published in *The Vedic Path* Vol. LXIII (No.03) Sep. 2005 (Index Journal, ISSN: 0970-1443, Registration No. 29063/76)
5. "Indian Diaspora in Canada: An Overview" published in *The Vedic Path* Vol. LXIX (No.02) April-June 2006 (Index Journal, ISSN: 0970-1443, Registration No. 29063/76)

#### **Peer Review Journals (National)**

1. "The Persian Culture in the Fiction of Rohinton Mistry" published in *Kala Saurabh* A University Research Journal
2. "Political Consciousness in Rohinton Mistry's *Such a Long Journey*" published in *Research* Vol. 6, No.02 Autumn 2006 (ISSN: 0972-7663)
3. "Historical Consciousness in Rohinton Mistry's *A Fine Balance*" published in *Kala Vaibhav* Vol. XVIII 2011(ISSN: 0975 5756)
4. "Novel as History: A Study of Rohinton Mistry's *Such a Long Journey*" published in *-Kala Vaibhav* Vol. XVII 2007-08 (ISSN: 0975 5756)

#### **No. of books published**

##### **I. With ISBN No.**

7. *Rohinton Mistry's Creative Response to India* published by Salabh Publishing House, Meerut (ISBN: 978-81-88681-39-6)
8. *A Text Book for Objective Questions in English* published by Prakash Book Depot, Bareilly (ISBN: 978-81-7977-247-8 )
9. *Rohinton Mistry's Such a Long Journey: A Critical Study* published by Prakash Book Depot, Bareilly (ISBN: 978-81-7977-391-8)
10. *Insight: A Compendium of World Literature* published by Yking Books, Jaipur, India (ISBN: 978-93-82532-50-7)
11. *Yking Concise Encyclopaedia of Language, Literature and Culture* published by Yking Books, Jaipur, India (ISBN: 978-93-82532-48-4)
12. *English Literary Discourses at a Glance* published by Yking Books, Jaipur, India (ISBN: 978-93-82352-95-8)

##### **II. Chapters in Edited Books**

1. "Kiran Desai's *The Inheritance of Loss: An Expression of Hypocrisy*" published in *English Literature: Voices of Indian Diaspora* (ISBN: 978-81-269-1048-9) (II Co-author)
2. "The Vowels of English Language: A Diagrammatic Presentation" published in *A Holistic Approach to Communication* (ISBN: 978-81-8435-129-3) (I Co-author)

3. "Economic Hardships and Exploitation of Lower Caste Woman in the Fiction of Rohinton Mistry" published in an anthology entitled *Studies in Contemporary Canadian Literature* published by Sarup Book Publishers Pvt. Ltd., New Delhi, India. (ISBN: 978-81-7625-634-6)
4. "New Woman in Namita Gokhale's *Paro: Dreams of Passion*" published in an anthology entitled *Perspectives on Women Empowerment* published by Yking Books, Jaipur, India (978-93-80930-09-1)
5. "Samskara: A Rite for a Dead Man: A Rite for Birth of a New Person." published in an anthology entitled *Yking Concise Encyclopaedia of Language, Literature and Culture* published by Yking Books, Jaipur, India (ISBN: 978-93-82532-48-4)

**4. Mr. Sudeep Kumar**

**Peer Review Journals (International)**

- Review of *Towards an Aesthetics of Dalit Literature* by Sarankumar Limbale. *Journal of Central University of Haryana*. Vol. 01, Issue 01 (March 2014) ISSN 2348- 3377

**Peer Review Journals (National)**

- "Nativism: A Cultural Theory and Conceptual Divergence." *Dialog*, No.22 (Spring 2012). ISSN 0975-4881. [National, Referred journal, single author].

**E-Journals**

- "Value-concerns and Contemporary Indian Drama: A Study of Gurcharan Das's 9 Jakhoo Hills." *The Criterion: An International Journal in English*, Vol. 4, Issue ii (April, 2013). ISSN 0976-8165. [International, Refereed e-journal, Single author].

**5. Ms. Rinu:**

**Peer Review Journals (International)**

- "ELT in Rural Areas: A Challenging Opportunity" published in *Journal of Central University of Haryana*. March, 2014. ISSN: 2348-3377.

**6. Dr. Snehsata:**

**Peer Review Journals (International):**

4. "Albert Camus and Capital Punishment: A Review of "Reflections on the Guillotine". *Ruminations* (International, Peer- Reviewed), Vol.3-No.1 December 2012. ISSN. 2229-6751. Pp. 88-96.
5. "*The Myth of Sisyphus*: A Philosophical Journey through the Realms of Absurd." *The Labyrinth* (International, Peer- Reviewed). Vol.4-N0.3 July 2013. ISSN. 0976-0814. Pp. 126-132.
6. "The Algerian Camus: A Reassessment of Albert Camus's Affairs with Algeria". *Glimpses* (International, Peer- Reviewed), Vol.2-No.2 June 2013. ISSN. 2220-0561. Pp. 78-90.
7. "Existentialism: A Way of Life". *Journal of Central University of Haryana*." (International, Peer- Reviewed). Vol.1-No.1 March 2014. ISSN. 2348-3377. Pp. 49-55.

## Department of Environmental Science

1. **Name of the Department:** Environmental Science
2. **Year of establishment:** 2014-2015
3. **Is the Department part of a School/Faculty of the university?**  
Yes (School of Earth, Environment and Space Studies)
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**  
M.Sc. Environmental Science (Since 2014)
5. **Interdisciplinary programmes and departments involved**  
Yes, the Department of Environmental Science is offering generic elective courses like 'Foundation Course in Ecology and Environment', 'General Environmental Aspects' to the students of other departments while the students of our department have opted 'Introduction to Microbiology' as an elective course from the Department of Microbiology.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**  
Not Yet.
7. **Details of programmes discontinued, if any, with reasons**  
Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
Semester/Choice Based Credit System
9. **Participation of the department in the courses offered by other departments**  
Yes, the department has prepared the curriculum in accordance with choice based credit system (CBCS) of UGC, and it provides the choice to the students to select 'Generic Elective' and 'Discipline Centric Elective' courses from other departments of university.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	04	00	03*
<b>Others</b>	00	00	00

\*Refers to contractual faculty

11. **Faculty profile with name, qualification, designation, area of specialization, experience and**

**research under guidance**

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>	<b>No. of Ph.D./M.Phil. Students guided for the last 4 years</b>
Dr. Mohini Singh	M.Sc. Ph.D. (Teacher In-Charge)	Assistant Professor	Wastewater treatment, Phytoremediation, Environmental analysis	3.0 years	00
Dr. Mona Sharma	M.Sc. Ph.D.	Assistant Professor	Biofuel, Biohydrogen, and Wastewater treatment	3.5 Years	00
Dr. Anoop Yadav	M.Sc. Ph.D.	Assistant Professor	Solid waste Management and Environmental Pollution monitoring and analysis	4.7 years	00

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

No visiting fellows, adjunct faculty or emeritus professors at present as the department is newly established. However, the department is in the process of engaging some senior faculty.

**13. Percentage of classes taken by temporary faculty – programme-wise information**

100% (Regular teaching posts in the University have already been advertised)

**14. Programme-wise Student Teacher Ratio**

M.Sc.-17:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Nil (University is in the process of recruitment for technical and administrative staff)

**16. Research thrust areas as recognized by major funding agencies**

The following are the thrust areas of the department:

- Wastewater Treatment
- Phytoremediation
- Biofuel
- Solid Waste Management
- Environmental Pollution monitoring and analysis

**17. Number of faculty with ongoing projects from**

<b>National</b>	Nil
<b>International funding agencies and</b>	Nil
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	Nil

**18. Inter-institutional collaborative projects and associated grants received**

<b>National collaboration</b>	Nil
<b>International collaboration</b>	Nil

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

The recruitment process has started and soon after faculty joins the university on regular basis, the department shall be applying for these projects.

**20. Research facility / Centre with**

The department is maintaining two PG laboratories

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

**21. Special research laboratories sponsored by / created by industry or corporate bodies**

Nil

**22. Publications:**

<b>Number of papers published in peer reviewed journals (national / international)</b>	32
<b>Monographs</b>	00
<b>Chapters in Books *</b>	06
<b>Edited Books</b>	00
<b>Books with ISBN with details of publishers</b>	04
<b>Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	00
<b>Citation Index – range / average</b>	58-236

<b>SNIP</b>	33.262
<b>SJR</b>	26.036
<b>Impact Factor – range / average</b>	0.7-3.2
<b>h-index</b>	03-07

**23. Details of patents and income generated**

Nil, as the department was established in the last academic session only and research laboratories are yet to be set up.

**24. Areas of consultancy and income generated**

Nil, but in the near future our lab shall be equipped with various soil and water testing instruments for testing soil & water quality status and devising strategies for wastewater reuse in adopted villages. This has already been incorporated in the draft Action Plan for implementation of Unnat Bharat Abhiyan Campaign.

**25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad**

Dr. Mohini Singh was invited to visit Aston University, Birmingham, United Kingdom for 15 days from 10<sup>th</sup> Nov. 2010 - 24<sup>th</sup> Nov. 2010. The visit was in connection with RC-UK DST India sponsored project under science bridge programme which was a collaborative project between Aston University, Birmingham, U.K., Indian Institute of Technology (IIT) Delhi and G.B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand, India.

**26. Faculty serving in**

<b>National committees</b>	Nil
<b>International committees</b>	Nil
<b>Editorial Boards</b>	Nil
<b>Any other (please specify)</b>	<p>The faculty members are in various committees of the Central University of Haryana:</p> <p><b>Dr. Mohini Singh</b></p> <ul style="list-style-type: none"> <li>• Co-convenor, Eco club</li> <li>• Officer Incharge- Girls Hostel Gym &amp; Reading Room (2014-2015)</li> <li>• Member, Unnat Bharat Abhiyan</li> <li>• Member, Admission Counselling and Documents Verification Committee</li> <li>• Member, Departmental Purchasing Committee.</li> <li>• In-charge, Department of Environmental Science.</li> </ul> <p><b>Dr. Mona Sharma</b></p> <ul style="list-style-type: none"> <li>• Member, Departmental Purchasing Committee</li> </ul>



**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Yes, faculty participated in various workshops, training programs, Faculty Development Programmes (FDPs) as given below:

Details of the Programme	Duration	Organized by
<b>Dr. Mohini Singh</b>		
One week training course on “Green Technologies for Combating Climate Change and Sustainable Development” (21-25 August, 2012)	One week	NITTTR Chandigarh & G.B.P.U.A&T Pantnagar

<b>Dr. Mona Sharma</b>		
Faculty Development Programme (13-17 July, 2015)	One week	Delhi Technological University
Workshop on “Blue Green Algae: Application in Agriculture and Industry” (12-18 May 2010)	One week	Centre for conservation and utilization of blue green algae, IARI, New Delhi.
<b>Dr. Anoop Yadav</b>		
Training programme on “Bacteriological techniques for water /wastewater analysis & quality assurance” (17–21 March 2015)	One week	Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh
Workshop on “Basic Epidemiology and Biostatistics” (9-19 Dec, 2014) organized by	11 days	PGIMER, Chandigarh.

**28. Student projects**

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	20%
<ul style="list-style-type: none"> <li>▪ M.Sc. students designed the working model “Future Car” and participated in three days National Exhibition and Symposium on Innovative and</li> </ul>	



<p>Futuristic Approaches in Science and Technology SAVISHKAR, iFAST-2015 at Maulana Azad National Institute of Technology, Bhopal, M.P under the guidance of Dr. Mohini Singh.</p> <ul style="list-style-type: none"> <li>▪ Students participated in Science Exhibition and prepared models based on various global environmental issues.</li> </ul>	
<b>Percentage of students doing projects in collaboration with other universities industry / institute</b>	Nil

**29. Awards / recognitions received at the national and international level by**

<b>Faculty</b>	<p><b>Dr. Mohini Singh</b></p> <ol style="list-style-type: none"> <li>1. Qualified in <b>UGC-NET (Environmental Science)</b>, June 2012 for Lectureship.</li> <li>2. Awarded <b>INSPIRE Fellowship</b> by Department of Science and Technology (DST), New Delhi, India in Ph.D programme.</li> <li>3. Awarded <b>Second Prize in Paper Presentation</b> on “Horizontal sub-surface flow constructed wetlands for wastewater treatment and reuse” National Seminar on “Strategic Resource Management for Sustainable Food and Water Security” held at G.B.P.U.A&amp;T, Pantnagar, India, 2011.</li> <li>4. Awarded the <b>Junior Research Fellowship</b> under RC-UK/EPSRC international research project “<b>Demonstration of Municipal wastewater management through fuelwood plantation</b>” in Department of Environmental Science, G.B.P.U.A&amp;T, Pantnagar sponsored by IIT, Delhi from Jan, 2010 - Jan, 2011.</li> <li>5. Qualified in <b>National Eligibility Test (Environmental science)</b>, 2010 for Lectureship conducted <u>by</u> <b>Agricultural Scientists Recruitment Board (ARSB)</b>.</li> <li>6. Awarded the <b>YOUNG SCIENTIST AWARD</b> for the research work by Uttarakhand Council of State Science and Technology (UCOST) in 4<sup>th</sup> Uttarakhand State Science and Technology Congress (USSTC)-2009 held at G.B.P.U.A&amp;T., Pantnagar, India.</li> <li>7. Awarded <b>First Rank in M.Sc. Environment Sciences</b> (2006-2008) at G.B Pant University of Agriculture &amp; Technology, Pantnagar, Uttarakhand, India.</li> <li>8. Awarded <b>Graduate Teaching Assistantship</b> from Jan, 2007 to April, 2008 during M.Sc. programme at G.B.P.U.A &amp;T., Pantnagar, India.</li> <li>9. <b>Visited Aston University</b>, Birmingham, UK in connection with RC-UK DST-India sponsored project.</li> </ol> <p><b>Dr. Anoop Yadav</b></p> <ol style="list-style-type: none"> <li>1. Qualified in <b>UGC-NET JRF (Environmental Science)</b>, December</li> </ol>
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	<p>2005.</p> <ol style="list-style-type: none"> <li>Awarded CSIR Extended <b>JRF</b> from CSIR, New Delhi April 2013.</li> <li>Qualified <b>State Level Eligibility Test (SLET-Haryana)</b> for Lectureship in Environmental Sciences, 2004.</li> <li><b>Best Paper Award</b> in National Seminar on “Strategies for Mitigation of Environmental Degradation and Climate Change” held on 2nd – 3rd March, 2012 in Guru Jambheshwar University of Science &amp; Technology, Hisar.</li> </ol> <p><b>Dr. Mona Sharma</b></p> <ol style="list-style-type: none"> <li><b>Best Paper Award</b> in National Seminar on “Strategies for Mitigation of Environmental Degradation and Climate Change” held on 2nd – 3rd March, 2012 in Guru Jambheshwar University of Science &amp; Technology, Hisar.</li> <li><b>Topper</b> (Gold Medalist) in <b>P.G. Diploma in Industrial Safety Management</b> from Guru Jambheshwar University of Science &amp; Technology, Hisar (India)</li> <li><b>Second Topper</b> in <b>M.Sc.</b> in Environmental Sciences from Guru Jambheshwar University of Science &amp; Technology, Hisar (India)</li> <li><b>UGC-National Eligibility Test (NET)</b> for Lectureship qualified in <b>June, 2007</b> in Environmental Sciences.</li> <li>Recipient of <b>Meritorious Fellowship</b> during M.Sc. Programme from 2005-2006.</li> </ol>
<b>Doctoral / post doctoral fellows</b>	Nil
<b>Students</b>	<p><b>Sunil Kumar</b></p> <ul style="list-style-type: none"> <li>Awarded with ‘<b>Aggar Gaurav Samman</b>’ at National level in the field of Science and Technology by National Aggarwal Conference held at Agaroha Hissar, Haryana on Aug. 23, 2015.</li> <li>Awarded with <b>Special Youth Award</b> for Best Co-ordination by Indian Red-Cross Society Haryana branch Chandigarh in National level YRC camp held at Panchkula from Sept, 16-22, 2015.</li> <li>Awarded with 1<sup>st</sup> position in <b>Ex-tempo Speech Competition</b> by Indian Red-Cross Society Haryana (Branch-Chandigarh) in National level YRC camp held at Panchkula from Sept, 16-22, 2015.</li> <li>Awarded with 1<sup>st</sup> position in <b>Quiz Competition</b> by Indian Red-Cross Society Haryana branch Chandigarh in National level YRC camp held at Panchkula from Sept, 16-22, 2015.</li> </ul>

30. **Seminars/ Conferences/Workshops organized and the source of funding (national International)**

**with details of outstanding participants, if any.**

Proposal has been submitted by the University for organizing two days 'Science Conclave' in collaboration with all the science departments of the University. In this way, department as well as the University shall be supporting DST, Gov. of Haryana in promoting science and technology in the state of Haryana.

**31. Code of ethics for research followed by the departments**

Yes, the department is motivating the students as well as faculty to holistically follow the general ethical guidelines for conducting practical/research work in the department. Department ensures safe use, handling and storage practices while working with hazardous chemicals.

**32. Student profile programme-wise:**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>2014-15</b>					
M.Sc. Environmental Science	509	11	06	100	100
<b>2015-16</b>					
M.Sc. Environmental Science	363	10	14	Continuing	Continuing

**33. Diversity of students**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2014-15</b>				
M.Sc. Environmental Science)	00	47	53	Nil
<b>Session 2015-16</b>				
M.Sc. Environmental Science)	00	48	52	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

<b>General</b>	Nil
<b>OBC</b>	Nil
<b>SC</b>	Nil
<b>ST</b>	Nil
<b>Total</b>	Nil

It is newly established department and no batches of PG programme's have passed out of CUH till date (Oct. 2015). Performance shall improve in the near future as soon as the first batch of M.Sc. programme passes out.

35. Student Progression

<b>Student Progression</b>	<b>Percentage against enrolled</b>
<b>UG to PG</b>	Nil
<b>PG to M.Phil.</b>	Nil
<b>PG to Ph.D.</b>	Nil
<b>Ph.D. to Post-Doctoral</b>	Nil
<b>Employed</b>	Nil
<ul style="list-style-type: none"> <li>• <b>Campus selection</b></li> <li>• <b>Other than campus recruitment</b></li> </ul>	Nil
<b>Entrepreneurs</b>	Nil

Presently, only M.Sc. programme running in the Department.

36. Diversity of Staff

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	00
<b>from other universities within the State</b>	66.6%
<b>From universities from other States</b>	33.3%
<b>From universities outside the country</b>	00

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

<b>Sl.</b>	<b>Name of Faculty</b>	<b>Year in which degree awarded</b>	<b>University</b>

1	Dr. Mohini Singh	2012	G.B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand
2	Dr. Mona Sharma	2012	Guru Jambheshwar University, Hisar, Haryana
3	Dr. Anoop Yadav	2013	Guru Jambheshwar University, Hisar, Haryana

**38. Present details of departmental infrastructural facilities with regard to:**

<b>Library</b>	Yes
<b>Internet facilities for staff and students</b>	Yes, the campus is Wi-Fi with access to all faculty and students
<b>Total number of class rooms</b>	02
<b>Class rooms with ICT facility</b>	02
<b>Students' laboratories</b>	02
<b>Research laboratories</b>	Presently nil. However, it is proposed to construct the research laboratory in the new academic building of the University.

**39. List of doctoral, post-doctoral students and Research Associates**

<b>From the host institution/university</b>	Nil
<b>From other institutions/universities</b>	01 (Dr. Virendra Kumar awarded with Dr. D.S. Kothari fellowship for pursuing post doctoral research)

**40. Number of post graduate students getting financial assistance from the university.**

Two students received financial assistance under 'Earn While Learn' scholarship in the session 2014-15, three students have applied for Dr. Ambedkar Medhavi Chhattar Sansodhit Yojna (for OBCs) and three students have applied for 'Merit Cum Means Scholarship' (for Minority).

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, meetings of faculty members were organized to deliberate on the possibility for revision in the curriculum. After interactive meetings, it was suggestions from internal experts were taken into consideration for framing the syllabus. The proposal was discussed in the meeting with members of the Board of Studies and further discussed and deliberated in meeting of School Board. The proposal was finally approved by the Academic Council and incorporated in the M.Sc. programme from academic session 2015-16 onwards.

**42. Does the department obtain feedback from**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the</b>	Yes, the faculty members share their feedbacks on syllabus through departmental meetings
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department utilize the feedback?.	
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, the student's feedback is analyzed to improve the pedagogy for making the learning process innovative and effective.
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	At present department does not have alumni as the first PG batch is yet to pass out from University.

**43. List the distinguished alumni of the department (maximum 10)**

Not applicable, as the department is newly established.

**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

- The Department organized Guest Lecture by Dr. Arun K Pandey from University of Delhi, Delhi to enrich the students professionally as well as technically.
- The students have actively participated in several competitions like Quiz competitions, extempore, debate etc at district, state and national level and won prizes for their best performances after assessment by external experts.

**45. List the teaching methods adopted by the faculty for different programmes.**

- **Teaching:** Interactive teaching and learning using white board, markers and LCD projectors. It's a mainly a one-way flow of information from the lecturer to the student. Some model structures of biogas digesters, wastewater treatment plants etc. are shown for better understanding. Students are encouraged if they have a question about the lecture.
- **Tutorials:** At the end of lectures of every course unit, tutorials classes are taken for so that subjects can be analyzed in greater depth.
- **Presentations:** Presentations are conducted for students in all the core courses throughout the academic session. Topics are discussed and distributed for presentation and in the end one assignment is submitted for each course.
- **Laboratories/Practical:** It includes field practical and hands-on experiences.
- Group discussions, use of hand outs, quizzes etc.

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

By continuous internal evaluation of the student's progress the department ensures that the programme objectives and learning outcomes are achieved. The revised curriculum of PG level in the Department of Environmental Science is exclusively job oriented. The students are given hands-on experiences on various experiments through the practical classes.

**47. Highlight the participation of students and faculty in extension activities.**

- The department under the aegis of Eco club, CUH celebrated World Environment Day on 5<sup>th</sup> June 2015. Various events such as Plantation drive, documentary movie on environmental issues, drawing competition (among students of elementary school, Mahendergarh), special lecture by distinguished speaker Dr. R.N. Yadav was organized to sensitize and create

environmental awareness not only among the students but the villagers who were the special invitee.

- Other activities include student's participation in activities like blood donation camps, environmental awareness rallies, social services schemes, plantation drive etc organized in the university.

**48. Give details of “beyond syllabus scholarly activities” of the department.**

- Construction of a working model 'Future Car-a hybrid technology for future' by student Mr. Sunil Kumar and his team that uses a combination of renewable energy resources viz. solar, wind, sound and mechanical stress to supplement fossil fuel energy for vehicle propulsion
- The Innovation project “ Future Car” was presented by project team in three days National Exhibition on Innovative and Futuristic Approaches in Science and Technology SAVISHKAR, iFAST-2015 at Maulana Azad National Institute of Technology, Bhopal, M.P from 26- 28th Feb. 2015.
- The project was also presented at Rashtrapati Bhawan in 'Festival of Innovations' as an achievement of University Innovation Club held from 7-13th March 2015.

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

The department is in the process of the first cycle of NAAC accreditation.

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

The department generates new knowledge through regular publications of research papers by the faculty in addition to teaching and practical training to the students. Secondly, the students of the department have designed and fabricated a working model 'Future Car-hybrid technology for future' under the guidance of Dr. Mohini Singh. It basically employs a hybrid technology that uses a combination of renewable energy resources viz. solar, wind, sound and mechanical stress. These four sources will generate electrical energy during the motion of the car. In addition, the system is equipped with Air Bumper System to build a crash-proof vehicle.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strength**

- i. The core competence of the department is its learned faculty members.
- ii. Enthusiastic students from diverse background.
- iii. Strong publication record of faculty members with diverse specialization

**Weakness**

- i. Infrastructural constraint as the department is newly established.
- ii. Lack of regular faculty in the department

**Opportunities**

- i. Innovative water conservation strategies in the area afflicted with water scarcity.
- ii. Organic compost production within the University by utilizing kitchen waste from hostel mess

- iii. Developing a Bio-village model for rural development particularly in villages adopted by the University.

#### **Challenges**

- i. To establish research laboratories equipped with advanced equipments.
- ii. Establish working linkages with various public, private, governmental and non-governmental organizations and consultancies working in the field of environment.

#### **52. Future plans of the department.**

- Introducing Ph.D. Programme in Environmental Science
- Upgradation of PG and Research laboratories
- Collaborative initiatives with prestigious organizations and attract national as well as international research projects for strengthening research ambience of the department.
- Field visits and educational tours to provide practical field learning on the topics covered during their academic semesters.
- Student-exchange programmes
- Organising national/international conferences, workshops, seminars for disseminating knowledge and awareness among various sections of the society.
- Initiating short term certificate and degree courses on Industrial Waste Management, Renewable energy resources.
- Designing a composting unit for the management of solid waste generated in the University premises.



## Department of Geography

- 1. Name of the Department:** Department of Geography
- 2. Year of Establishment:** 2014
- 3. Is the Department part of a School/Faculty of the university?**  
Yes, the Department comes under School of Earth, Environment and Space Studies
- 4. Names of Programmes Offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**  
M.Sc. Geography (Since 2014)
- 5. Interdisciplinary Programmes and Departments Involved:**  
The department doesn't offer any Inter-disciplinary programme. However, the nature of the M.Sc. programme is of inter/multidisciplinary nature because it involves elective courses from the other departments. A few generic elective courses are also offered by the Department to students of other programmes.
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc.:**  
Not Yet
- 7. Details of Programmes Discontinued, if any, with Reasons: Courses in Collaboration with Other Universities, Industries, Foreign Institutions, etc.:** Nil
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:**  
The department adopts Semester System with 100% implementation of Choice Based Credit System (CBCS).
- 9. Participation of the Department in the Courses Offered by Other Departments:**  
Yes, with the adoption of Choice Based Credit System (CBCS) in the University, the students of the Department have opted courses offered by other departments including History & Archaeology, Sociology, Education, Hindi and other Indian Languages, Environmental Studies.
- 10. Number of Teaching Posts Sanctioned, Filled and Actual (Professors/Associate Professors/Asst. Professors/others):**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	04	00	03*
<b>Others</b>	00	00	00

\* Assistant Professors at present have been working on contractual basis.

- 11. Faculty Profile with Name, Qualification, Designation, Area of Specialization, Experience and**

**Research Under Guidance:**

Sr. No	Name	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D/ M.Phil. Students guided for the last 4 years
1.	Dr. Aneesh Kumar Mishra	M.A., CSIR-NET in Earth Sciences, Ph.D.	Assistant Professor	Urban Studies, Applied Geography and Regional Planning	02	Nil
2.	Dr. Naresh Kumar Verma	M.A., UGC-NET, M.Phil. Ph.D.	Assistant Professor	Political Geography, Quantitative Techniques	02	Nil
3.	Dr. Kheraj	M.A., UGC-JRF - NET, M. Phil. Ph.D.	Assistant Professor	Population and Health Studies	Nil	Nil
4.	Ms. Sanchit (July 2014 to July 2015)	M.A., NET	Assistant Professor	Human Geography, Cultural studies	01	Nil

**12. List of Senior Visiting Fellows, Adjunct Faculty, Emeritus Professors:**

Nil

**13. Percentage of Classes Taken by Temporary Faculty – Programme-Wise Information:**

100%

The recruitment process for regular teaching staff has been initiated by the University.

**14. Programme-Wise Student Teacher Ratio:**

M.Sc.: 10:1

**15. Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned, Filled and Actual:**

Presently the department doesn't have any support staff but the University is in process of recruiting the required staff.

**16. Research Thrust Areas as Recognized by Major Funding Agencies:**

Being recent in origin, research thrust areas of the Department are yet to be recognized by various funding agencies.

**17. Number of Faculty with On-Going Projects from:**

<b>National</b>	Nil
<b>International funding agencies and</b>	Nil
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	Nil

**18. Inter-Institutional Collaborative Projects and Associated Grants Received:**

<b>National collaboration</b>	Nil
<b>International collaboration</b>	Nil

**19. Departmental Projects Funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; Total Grants Received:**

Nil;

Projects will be submitted to above agencies once regular faculties join the Department.

**20. Research Facility / Centre With:**

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

**21. Special Research Laboratories Sponsored by/Created by Industry or Corporate Bodies:**

Nil

**22. Publications:**

<b>Number of papers published in peer-reviewed journals (national/ international)</b>	17
<b>Monographs</b>	00
<b>Chapters in Books *</b>	03
<b>Edited Books</b>	00
<b>Books with ISBN with details of publishers</b>	03
<b>Number listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	00
<b>Citation Index – range / average</b>	00

<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	00
<b>h-index</b>	00

**1. Dr. Aneesh Kumar Mishra, Assistant Professor & Teacher in-charge**

**Book:**

1. Mishra A.K. (2012): 'Urban Land Use and Planning: A Study of Emerging Alwar, India', Lap Lambert Academic Publishing, Saarbrücken, Germany, ISBN 978-3-659-14395-3

**Research Articles**

1. 'Infrastructure Development in Mau District, Uttar Pradesh (2014)', *Jambudweep Shodh Patrika*, Vol. 6, No. 04, Dec. 2014, pp. 30-40 (ISSN 2249-3859).
2. 'Use and Determinants of Maternal and Child Health Care among Currently Married Women in Rajasthan', *Geographical Review of India*, Vol. 75, No. 3, Sept. 2013, pp. 236-248 (ISSN 0375- 6386).
3. 'Urban Master Plans in Rajasthan, India: The Case of Alwar', *Management Research and Practice*, Vol. 4, Issue 1, March 2012, pp. 31-44 (ISSN: 2067-2462).
4. 'Histogenesis and Growth of Urban Landscape of Alwar', *National Geographical Journal of India*, Vol. 57 Pt (4), December 2011, pp. 11-18 (ISSN-0027-9374).
5. 'Spatio-Temporal Dimension of Female Literacy in Hanumangarh District (Rajasthan)', *Bhartiya Samajik Vigyan Shodh Patrika*, Vol. 21, No.1, Dec. 2011, pp. 199-204 (ISSN: 0974-0694).
6. 'Trend of Population Growth in Alwar City', *The North Indian Geographical Journal*, Vol. 41, No. 4, December 2011, pp. 79-84 (ISSN: 0042-1618).
7. 'An Appraisal of Spatial Characteristics and Changes in Land Use of Alwar City', *National Geographical Journal of India*, Vol.57, Pt. 1, March, 2011 pp. 1-18 (ISSN-0027-9374).
8. 'An Appraisal of Growth and Spatial Distribution of Housing in Alwar City of Rajasthan', *Magadh Geographical Review*, Vol. X, No.1, 2010, pp. 204-216 (ISSN: 0975-489X).
9. 'Spatial Characteristics of Commercial Land Use of Alwar City, Rajasthan', *National Geographical Journal of India*, Vol. 55 Pt (4), December 2009, pp. 1-12 (ISSN-0027-9374).

**2. Dr. Naresh Kumar Verma, Assistant Professor**

**Book:**

1. "Geopolitics of Nuclear and Energy Resources: A Case Study of Korean Peninsula in the Cold War Era", VDM Publishing House, Saarbrücken (Germany), 2010, ISBN: 978-3639323498.
2. "Nuclear Programmes of North Korea and Iran: A Comparative Geopolitical Analysis" Manak Publishers, Delhi (2014), ISBN 978-93-7831-399-9.

**Research Articles**

1. 'Political and Economic Dimensions of Sustainable Development,' *World Affairs*, Vol. 12, No. 2, Summer 2008.

2. 'Iran's Energy Geopolitics,' *Sambhashya*, Vol. III, No. 1, 2011.
3. 'Energy Considerations as the Driver of Nuclear Proliferation,' *Deccan Geographer*, Vol. 50. No. 2. December 2012.
4. 'The Importance of Maritime Transport and Security,' *Abhikalp*, Vol. 2, No. 1, 2013.
5. 'Efforts towards Sustainable Development: A Comparative study of Rio 1992 and Rio+10,' *Sambhashya*, Vol. V, No. 1, 2013.
6. 'Problems and Prospects in the North Korean Denuclearisation Process,' *Proliferation and Arms Control*, December 2007. (with Sameer S. Patil)

**3. Dr. Kheraj, Assistant Professor**

**Research Articles**

1. 'Loneliness among Elderly Persons: A Case Study of Rajasthan,' *International Journal of Multidisciplinary Research and Development*, Vol.2, Issue 2, pp. 01-04, ISSN 2349-5979, Impact factor- 3.762.
2. 'The Differently-abled Population: A Spatial Analysis from Socio-regional Perspective in India', *International Journal of Multidisciplinary Research and Development*, Vol.2, Issue 3, pp. 338-345, ISSN 2349-5979, Impact factor- 3.672

**Chapters in Books:**

1. 'Child labour: Social Status does Matter!' in *Perspectives in Social Exclusion*, Anmol Publications, New Delhi.
2. 'The Relation of Economic Independence and Socio-economic and Health Aspects of the Elderly Persons: A Study of Rajasthan', *Issues and Concerns of Elderly People in India*, Book Age Publications, New Delhi.
3. 'Socio-Economic and Demographic Analysis of Elderly of South Asia', *Issues and Concerns of Elderly People in India*, Book Age Publications, New Delhi .

**4. Ms. Sanchit, Assistant Professor (Presently not working in the Department)**

**Research Articles**

1. Pratibha Tomar and Sanchit Yadav 2015. 'The Cultural Development and G.I.S. Applicability: A Case Study of Maha Kumbh Mela,' Allahabad 2013, *Indian Streams Research Journal*, Volume – 5, Issue – 4, May - 2015, ISSN 2230-7850.
2. Pratibha Tomar and Sanchit Yadav 2015. 'Transforming City Culture, Festival of Bakra Eid: A Case Study of Shahdara,' Delhi, Golden Research Thoughts, Volume: IV, Issue: XI, May – 2015 ISSN 2231-5063.

**23. Details of Patents and Income Generated:**

Nil

**24. Areas of Consultancy and Income Generated:**

Nil;

**25. Faculty Selected Nationally/Internationally to Visit other Laboratories / Institutions/ Industries in India and Abroad:**

Not Yet

**26. Faculty Serving in A) National Committees B) International Committees C) Editorial Boards D), Any Other (Please Specify):**

A) National Committees: Nil

B) International Committees: Nil

C) Editorial Boards:

**Dr. Naresh Kumar Verma:** Member, Editorial Review Board: World Academy of Science, Engineering and Technology

D), Any Other (Please Specify):

**I. Dr. Aneesh Kumar Mishra:**

- Teacher In-charge, Department of Geography, Central University of Haryana
- Convenor, Eco Club, Central University of Haryana
- Member, Sub-committee of Admission Committee, Central University of Haryana
- Member, Board of Studies, Department of Geography, Central University of Haryana (session 2014-15)
- Member, Committee for Physical Verification of Stock, Central University of Haryana
- Member Counsellor, Career and Placement Cell, Central University of Haryana
- Faculty Coordinator (Value & Ethics) for Skill Development Classes (2015-16)
- Members of the Professional Bodies:
  - Association of Punjab Geographers, Patiala
  - National Geographical Society of India, Varanasi
  - Magadh Bhoogol Parishad, Bodhgaya

**II Dr. Naresh Kumar Verma**

- Faculty Representative from the Department of Geography to Swachh Bharat Abhiyan

**27. Faculty Recharging Strategies (UGC, ASC, Refresher / Orientation Programmes, Workshops, Training Programs and Similar Programs):**

**Dr. Aneesh Kumar Mishra:**

Sr. No.	Programme	Duration	Organised by
1.	National Workshop on 'Methodology of Social Sciences and Humanities'	7 Days (28th January to 3rd February, 2012)	Arya Mahila P.G. College, Varanasi
2.	Basic Training Course on 'Remote Sensing, Geographical Information System and Global Positioning System'	August 12 to October 30, 2009	IIRS (NRSC), ISRO, Department of Space, Govt. of India
3.	Orientation Course on Research	3 days (November, 8-10,	Mahatma Gandhi Kashi

	Methodology in Social Sciences	2005)	Vidyapeeth, Varanasi
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**Dr. Naresh Kumar Verma**

Sr. No.	Programme	Duration	Organised by
1.	Basic Training Course on 'Remote Sensing, Geographical Information System and Global Positioning System'	25/08/2008 to 20/11/2008	IIRS (NRSC), ISRO, Department of Space, Govt. of India
2.	Workshop on उत्तराखंड के किसानों के मध्य जडी-बूटी, कृषि प्रसार में विज्ञान एवं प्रौद्योगिकी की भूमिका	02 days (28-29 March, 2010)	Society of Human Reorientation and Transformation (SHROT), New delhi

**28. Student Projects:**

Percentage of students who have done in-house projects including inter-departmental projects	Nil
Percentage of students doing projects in collaboration with other universities, industry / institute	Nil

**29. Awards / Recognitions Received at the National/ International Level By:**

Faculty	<b>Dr. Naresh Kumar Verma</b> A. Publication Grant for Ph.D. Publication from ICSSR, 2014-15 B. Travel Grant for attending International Seminar by ICSSR in 2014
Doctoral / Post-doctoral fellows	Nil
Students	Nil

**30. Seminars/Conferences/Workshops organized and the source of funding (National/International) with details of outstanding participants, if any.**

Nil

**31. Code of Ethics for Research followed by the Departments:**

Yes, the faculty members of the Department follow the code of ethics for research which is reflected in their publications which have been published by established journals, and publishers. This would also be implemented in the research programmes in near future.

**32. Student Profile (Programme-wise):**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>Session 2014-15</b>					
M.Sc. Geography	123	10	05	Programme duration yet to be completed	Programme duration yet to be completed
<b>Session 2015-16</b>					
M.Sc. Geography	322	12	18	Exams yet to be held.	Exams yet to be held

### 33. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2015-16</b>				
M.Sc. Geography Sem. I	Nil	90%	10%	Nil
M.Sc. Geography Sem. III	Nil	93%	07%	Nil

### 34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

**NET/SET/JRF:** Yet to be cleared

Two students, Pawan Sharma and Sonu Danger of the Department have cleared competitive examination and have got jobs.

### 35. Student Progression:

Student Progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil



<b>M.Phil to Ph.D.</b>	Nil
<b>Ph.D. to Post-Doctoral</b>	Nil
<b>Employed</b>	Nil
<ul style="list-style-type: none"> <li><b>Campus Selection:</b></li> </ul>	
<ul style="list-style-type: none"> <li><b>Other than Campus Recruitment:</b></li> </ul>	13%
<b>Entrepreneurs</b>	Nil

**36. Diversity of Staff:**

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	Nil
<b>From other universities within the State</b>	Nil
<b>From universities from other States</b>	100%
<b>From universities outside the country</b>	Nil

**37. Number of Faculty who were Awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the Assessment Period:**

- Dr. Aneesh Kumar Mishra has been awarded Ph. D. degree from Banaras Hindu University, Varanasi in year 2010.
- Dr. Naresh Kumar Verma has been awarded Ph. D. degree from Jawahar Lal Nehru University, New Delhi in year 2012
- Dr. Kheraj has been awarded Ph. D. degree from Jawahar Lal Nehru University, New Delhi in year 2015.

**38. Present Details of Departmental Infrastructural Facilities with Regard to:**

<b>Library</b>	Nil
<b>Internet facilities for staff and students</b>	Yes, the Department is fully Wi-Fi enabled
<b>Total number of class rooms</b>	02
<b>Class rooms with ICT facility</b>	Yes, all the classrooms have ICT facilities.
<b>Students' laboratories</b>	02; Development of lab for students is in process.
<b>Research laboratories</b>	Nil;

**39. List of Doctoral, Post-Doctoral Students and Research Associates:**

<b>From the host institution/university</b>	Nil, Department is planning to offer research programmes soon.
<b>From other institutions/universities</b>	Nil, Department is planning to offer research programmes soon.

**40. Number of Post-Graduate Students Getting Financial Assistance from the University:**

- Nil
- However, one M.Sc. student has applied under 'Earn while learn' scheme of the University

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, need assessment was exercised through studying and comparing content, structure and methodology of various courses under M.Sc. Geography programme offered by different Universities and Institutions along with interaction with students to assess the need to start the M.Sc. Geography programme. Thereafter, the proposal for each course under the M.Sc. programme was considered and approved by the various academic bodies of the university.

**42. Does the Department Obtain Feedback from:**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, regular meeting of faculty members of the Department, and the same is submitted to the BoS before sending it for the consideration to other academic bodies of the University.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, through interaction and discussion, their feedback is considered while framing curriculum and teaching-learning plans.
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	No; The first batch of students is yet to pass out.

**43. List the Distinguished Alumni of the Department (Maximum Ten):**

Alumni are yet to be produced because the first batch of students is yet to pass out.

**44. Give Details of Student Enrichment Programmes (Special Lectures / Workshops / Seminar) Involving External Experts:**

1. Prof. M.S. Nathawat, IGNOU gave a lecture and introduced Remote Sensing and GIS to the M.Sc. Geography students on 22nd September, 2014.

Besides, Department is going to initiate a series of Extension Lectures by the eminent scholars. The following is the list of the eminent scholars who have been identified by the Department in the first phase:

<b>Sr. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Affiliation</b>

1.	Prof. C. R. Babu	Professor	University of Delhi, Delhi
2.	Prof. Sudesh Nangia	Ex-Professor	Jawahar Lal Nehru University, New Delhi.
3.	Prof. B. C. Vaidya	Professor	Jawahar Lal Nehru University, New Delhi.
4.	Prof. Dhian Kaur	Professor	Panjab University, Chandigarh

**45. List the Teaching Methods Adopted by the Faculty for Different Programmes:**

- Lecture Method
- Demonstration (on a few selected topics) and Power Point Presentation
- Field observation and survey
- Tutorial
- Talks and Discussions

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

M.Sc. Geography Program is newly introduced program. Hence, methodology to ensure programs' outcomes and monitoring are yet to be devised by considering and evaluating feedback from different stakeholders, including students, faculty members, parents, academia and alumni.

**47. Highlight the Participation of Students and Faculty in Extension Activities:**

Students and faculty members of the Department contribute in various activities held by the Department and other departments/cells/clubs from time to time. Some of them include:

- Sensitisation and awareness programmes including social and environmental awareness
- Plantation Drive
- Clean Campus Initiatives
- Gender Sensitization Programmes
- Providing Remedial Coaching to the school students of neighbouring villages

**Details of a few activities:**

- The faculty and students of the department are actively contributing to the activities under the Community Development and Unnat Bharat Abhiyan.
- NSS Camps: Several students of the department are engaged in this programme.
- Blood Donation camps: Several students of the department are engaged through Youth Red Cross Society, CUH.
- Mr. Sumit, M.Sc. Geography, participated in various NSS activities at State/National Level (Session 2014-15)
- The faculty and students of the department actively participated in plantation drive on World Environment Day.

**48. Give Details of "Beyond Syllabus Scholarly Activities" of the Department:**

- The Department conducts UGC NET Coaching classes for the students, free of cost.
- Dr. Aneesh Kumar Mishra has been contributing in the initiative of the University for UGC NET

Coaching and Skill Development Classes.

**49. State whether the Programme/ Department is accredited/graded by other agencies? If yes, give details.**

The department is in the process of the first cycle of NAAC accreditation.

**50. Briefly Highlight the Contributions of the Department in Generating New Knowledge, Basic or Applied:**

- i. Faculty members of the Department have been engaged in conducting multi-disciplinary research in the field of Urban Studies, Aging, Population and Health, International politics etc.
- ii. Faculty member of the department is on the Editorial Board of the World Academy of Science, Engineering and Technology.

**51. Detail Five Major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:**

**Strength**

- i. Students from diverse background and areas
- ii. Well qualified faculties with diverse areas of Geography teaching and research
- iii. New and updated Syllabus according to the CBCS
- iv. Healthy, democratic and cordial environment to fulfil academic thirst.
- v. Tutorials, doubt removal sessions and Self-study courses are regular features of the time table.

**Weakness**

- i. Inadequate no. of faculty members
- ii. Lack of Infrastructure
- iii. Lack of Supporting Staff
- iv. So far, Department has not collaborated with any other University

**Opportunities**

- i. It being a recently introduced department, there are immense opportunities for the Department to be developed as model Department.
- ii. Research projects can be obtained for the department.
- iii. M.Sc. program is inter-disciplinary in nature which gives an opportunity to the students to choose courses as per their choices and interests. This would definitely help to increase employability of the students.
- iv. The department has potential to assess physical and human environment of the surrounding rural areas of the Haryana and Rajasthan states on developmental issues.
- v. Being recently established department, there are ample opportunities lies for developing and implementing innovative ideas regarding curriculum and teaching-learning process as per the needs of the hour.

**Challenges**

- i. To attract intelligent, diverse and competent students
- ii. To develop infrastructural facilities as soon as possible
- iii. To ensure extension of advantages of new techniques and methods of teaching-learning in the field of Geography to the students.

**52. Future Plans of the Department:**

- To expand and strengthen infrastructural facilities for teaching-learning and research. Teaching and research labs including geomorphology labs, computer labs, RS & GIS lab etc. audio-visual facilities and modern library with e-library facilities are to be developed for providing practical knowledge and skill.
- To introduce M.Phil. & Ph.D. programs to enhance research output of the Department.
- To identify the prospective areas requiring immediate attention for creating vibrant academic and research environment in the department for research, innovation and creation of new knowledge.
- To organize workshops, training programs, seminars, invited talks, and other such activities for discussing various contemporary and theoretical issues. This would facilitate skill development and knowledge enhancement among students, researchers and faculties.
- To seek avenues of jobs in various sectors through strengthening relations and cooperation between the department and industries/NGOs etc. so that students can be placed successfully after completion of their courses. Registration and profiling of all students in the department and placement cell will be made mandatory so that each student gets the opportunity to apply for jobs.
- Department plans to adopt and actively participate in new emerging learning and teaching initiatives including development of e-content, students support services, and life-long learning education (virtual classroom, on-line lessons and examinations, e-teaching and learning) for MOOCS (Massive Open Online Courses) and other such online initiatives.
- To encourage and introduce inter-disciplinary and multidisciplinary and skill-oriented courses to enhance job potential of the students.

## Department of Hindi & Indian Languages

1. **Name of the Department:** Department of Hindi & Indian Languages
2. **Year of Establishment:** 2011
3. **Is the Department part of a School/Faculty of the university?**  
Yes, Department is a part of School of Language, Linguistics, Culture and Heritage
4. **Names of Programmes Offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
  - Ph.D.(Since 2011)
  - M.Phil. (Since 2011)
  - M.A.(Since 2014)
5. **Interdisciplinary Programmes and Departments Involved:**

As of now department is not offering any Inter-disciplinary programme, but most of the topics of research in M.Phil and Ph.D are of inter/multidisciplinary nature. Some of the interdisciplinary /multidisciplinary topics of research pursued by the researchers are as under:

### M.Phil:

Sr. No.	Name of Student	Roll No.	Session	Topic of Research	Inter-disciplinary/ Multidisciplinary Focus	Supervisor
1.	Pankaj Kumar	1401	2011-12	प्रभा खेतान के उपन्यासों में स्त्री चेतना	Gender Study	Dr. Yogender Sharma
2.	Kavita	1405	2011-12	स्त्री चेतना के निर्माण में 'शृंखला की कड़ियाँ' का योगदान	Gender Study	Dr. Yogender Sharma
3.	Deepak	1751	2012-13	21वीं सदी के प्रमुख युवा कवियों की कविताओं में युगबोध	Contemporary Literature	Dr. Yogender Sharma
4.	Vinesh Kumari	1752	2012-13	विजयदान देथा की कहानियों का आलोचनात्मक अध्ययन	Folk Literature	Dr. Yogender Sharma
5.	Manisha Jha	1753	2012-13	सआदत हसन मंटो की कहानियों में विभाजन की त्रासदी	Partition	Dr. Kamalanand Jha
6.	Kanta Devi	1754	2012-13	21वीं शताब्दी के हिंदी ललित निबंधों की विशेषताएं	Aesthetics	Dr. Yogender Sharma
7.	PremDutt Pandey	1756	2012-13	अनिल यादव के यात्रा-वृत्तान्त 'वह भी कोई देश है महाराज' में विन्यस्त उत्तर-पूर्व भारत का यथार्थ	Culture Studies	Dr. Kamalanand Jha

8.	Manju Chaturvedi	1757	2012-13	हिंदी पत्रकारिता का बदलता स्वरूप और साहित्य संस्करण की भूमिका	Journalism	Dr. Yogender Sharma
9.	Ajay Kumar	4182	2013-14	नागार्जुन के उपन्यासों में स्त्री-संघर्ष	Gender Study	Pro. Ram Naresh Mishra
10.	Ajay Kumar Tanwar	4183	2013-14	'मुर्देहिया' में वर्णित सामाजिक यथार्थ	Dalit Studies	Dr. Arvind Singh Tejawat
11.	Ravina	4184	2013-14	प्रेमचंद की कहानियों में बचपन	Psychological Dimensions-Behaviouristic Approach	Dr. Arvind Singh Tejawat
12.	Avinash Kumar	5083	2014-15	रणेंद्र के उपन्यासों में अभिव्यक्त आदिवासी जीवन का यथार्थ	Subaltern Studies	Dr. Siddhartha Shanker Rai
13.	Sanju Bala	4186	2013-14	'रिहन पर रघू' में चित्रित समाज	Sociology	Dr. Amit Kumar
14.	Abhishek Vikram	5081	2014-15	उदय प्रकाश की कहानी मोहनदास के मूलपाठ एवं फिल्मों का तुलनात्मक अध्ययन	Cinema Studies	Dr. Siddhartha Shanker Rai

**Ph.D:**

Sr. No.	Name	Roll No.	Session	Topic	Inter-disciplinary/ Multidisciplinary Focus	Supervisor
1.	Preeti Yadav	1351	2011-12	ममता कालिया के उपन्यासों में कामकाजी महिलाओं के संघर्ष का समाजशास्त्रीय अध्ययन	Gender Study	Prof. Ram Naresh Mishra
2.	Krishana Kumari	1352	2011-12	दक्षिणी हरियाणा के पारम्परिक लोकगीतों में सामाजिक, आर्थिक, सांस्कृतिक यथार्थ	Culture Studies	Prof. Ram Naresh Mishra
3.	Reena	1353	2011-12	हिंदी नवजागरण में	Hindi Renaissance	Dr. Siddharth

Sr. No.	Name	Roll No.	Session	Topic	Inter-disciplinary/ Multidisciplinary Focus	Supervisor
	yadav			बालमुकुन्द गुप्त का योगदान		Shanker Rai

**6. Courses in collaboration with other universities, industries, foreign institutions, etc.:**

As of now, the department is not offering any such course. But, in the future the department may have these programmes.

**7. Details of Programmes Discontinued, if any, with Reasons: Courses in Collaboration with Other Universities, Industries, Foreign Institutions, etc.:**

There is no such programme which is being discontinued.

**8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:**

The department adopts Semester System with 100% implementation of Choice Based Credit System (CBCS).

**9. Participation of the Department in the Courses Offered by Other Departments:**

Yes, with the adoption of Choice Based Credit System (CBCS) in the University, the students of the department participate in the courses offered by other departments including History & Archaeology, Journalism & Mass Communication, Psychology, Political Science, Library Science and Geography.

**10. Number of Teaching Posts Sanctioned, Filled and Actual (Professors/Associate Professors/Asst. Professors/others):**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	00	00
Associate Professors	02	00	00
Asst. Professors	04	03	03
Others	00	00	00

**11. Faculty Profile with Name, Qualification, Designation, Area of Specialization, Experience and Research Under Guidance:**

Sr. No	Name	Qualifications	Designation	Specialization	No. of Years of Experi ence	No. of Ph.D/ M.Phil. Students guided for the last 4 years
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1.	Dr. Siddharth Shanker Rai	M.A., Ph.D.	NET	Assistant Professor	Adhunik Kavita, Hindi Criticism	2 .0 Years	M.Phil.- 04 01 (Awarded) 03 (Submitted) Ph.D.-04 01 (Submitted) 03(Registered)
2.	Dr. Amit Kumar	M.A., NET Ph.D.,	UGC- M.Phil.,	Assistant Professor	Hindi Katha Sahitya, Lok Sahitya	2.0 Years	M.Phil.: 05 02 (Awarded) 03- Submitted Ph.D.: 04 (Registered)
3.	Dr Arvind Singh Tejawat	M.A., NET Ph.D.,	UGC- M.Phil.,	Assistant Professor	Meeran & Bhakti Poetry, Indian Culture, Society & Politics	2.0 Years	M.Phil: 04 02 (Awarded) 02 (Submitted) Ph.D.:05 Registered)

**12. List of Senior Visiting Fellows, Adjunct Faculty, Emeritus Professors:**

None

**13. Percentage of Classes Taken by Temporary Faculty – Programme-Wise Information:**

The department is not having any Temporary faculty.

**14. Programme-Wise Student Teacher Ratio:**

- M.A. : 19:1
- M.Phil. : 02:1
- Ph.D. : 04:1

**15. Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned, Filled and Actual:**

Presently the department doesn't have any support staff but the University is in process of recruiting the required staff.

**16. Research Thrust Areas as Recognized by Major Funding Agencies:**

The faculty of the department has applied for the projects in following research areas:

- i. Socio-Culture History

However, department has not received any grants from any funding agency.

**17. Number of Faculty with On-Going Projects from:**

Nil

**18. Inter-Institutional Collaborative Projects and Associated Grants Received:**

<b>National collaboration</b>	Nil
<b>International collaboration</b>	Nil

**19. Departmental Projects Funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; Total Grants Received:**

**1. Dr. Arvind Singh Tejawat**

- Project Submitted to ICHR (Indian Council of Historical Research) Title of the Project: Study and Construction of the Annotated Oral Corpus Related to Socio-Cultural History of South-Western Rajasthan.
- Project Submitted to ICSSR (Indian Council of Social Science Research) Title of the Project: The study of language change and development at the backdrop of cultural, social, political and economic changes in the context of Southern and Western Rajasthani society based on written and oral tradition.

**20. Research Facility / Centre With:**

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

**21. Special Research Laboratories Sponsored by/Created by Industry or Corporate Bodies:**

Nil

**22. Publications:**

<b>Number of papers published in peer-reviewed journals (national / international)</b>	24
<b>Monographs</b>	00
<b>Chapters in Books *</b>	04
<b>Edited Books</b>	00
<b>Books with ISBN with details of publishers</b>	04
<b>Number listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	00
<b>Citation Index – range / average</b>	01
<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	00
<b>h-index</b>	00

**23. Details of Patents and Income Generated:**

Department will take necessary measures in consultation with corporates and industry in future.

**24. Areas of Consultancy and Income Generated:**

Consultancy services may be started in future on assessing and mapping the needs of the area.

**25. Faculty Selected Nationally/Internationally to Visit other Laboratories / Institutions/ Industries in India and Abroad:**

None of the faculty member has visited abroad.

**26. Faculty Serving in A) National Committees B) International Committees C) Editorial Boards D), Any Other (Please Specify):**

**I. Dr. Amit Kumar:**

**Editorial Board:**

- Editor, RETPATH (ISSN-2347-6702)
- Member, Editorial Board, Bhasha Aur Abhivyakti, Central University of Haryana

**Other Committees:**

- Member, Career Counselling & Placement Cell (Session 2014-15)
- Member, Board of Studies, Department of Hindi & Indian Languages, Central University of Haryana

**II. Dr. Siddharth Shanker Rai**

**Editorial Board:**

- Co-Editor, *LOKCHETNA VARTA* (ISSN2277-5013)

**Other Committees:**

- Member, Board of Studies, Department of Hindi & Indian Languages, Central University of Haryana (w.e.f. 23<sup>rd</sup> Sept. 2015)
- In-Charge, Department of Hindi & Indian Languages, Central University of Haryana.
- Member, Co-ordination Committee, CUECT-2014 & 2015.
- Hindi Officer, Central University of Haryana. (w.e.f. 14<sup>th</sup> Oct. 2015)
- Public Relation Officer, Central University of Haryana. (w.e.f. 14<sup>th</sup> Oct. 2015)
- Member, Editorial Board, Annual Report, Central University of Haryana (2013-14)
- Assistant Warden (Boys Hostel), Central University of Haryana(2014-15)

**III. Dr. Arvind Singh Tejawat**

**Other Committees:**

- Member, Internal Quality Assurance Cell (IQAC), Central University of Haryana.

**27. Faculty Recharging Strategies (UGC, ASC, Refresher / Orientation Programmes, Workshops, Training Programs and Similar Programs):**

**Dr. Siddharth Shanker Rai:**

S. No.	Programme	Duration	Organised by
1.	UGC-Sponsored Orientation Programme	28days (03/06/2015) to 30/06/2015)	Banaras Hindu University, Varanasi

**28. Student Projects:**

Percentage of students who have done in-house projects including inter-departmental projects	Nil
Percentage of students doing projects in collaboration with other universities, industry / institute	Nil

**29. Awards / Recognitions Received at the National/ International Level By:**

Faculty	Dr. Amit Kumar awarded by “Balmukund Purskar-2014”, Balmukund Gupta Patrkariya evam Sanrakshan Parishad, Rewari, Haryana.
Doctoral / Post doctoral fellows	Nil
Students	Nil

**30. Seminars/Conferences/Workshops organized and the source of funding (National/International) with details of outstanding participants, if any.**

*Chatra Adhyayan Yatra* and National Seminar on “Hindi Bhasha” organised from 10-12<sup>th</sup> Feb. 2014 sponsored by Kendriya Hindi Nideshalya,(MHRD).

**31. Code of Ethics for Research followed by the Departments:**

Yes, the department follows the code of ethics for research by adopting following measures:

- It is mandatory that every research work has to pass through the plagiarism check before submission of dissertation/thesis.
- Regular Classes of M.Phil and Ph.D course Work.
- Internal Assessment Answer sheet shown to the students after evaluation.

**32. Student Profile (Programme-wise):**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>Session 2011-12</b>					
M.Phil. Hindi		02	03	100	100
Ph.D. Hindi		01	04	Thesis yet to be submitted	Awarded- 02 Submitted-01 Thesis yet to be submitted-01
<b>Session 2012-13</b>					

M.Phil. Hindi	43	02	05	100	100
Ph.D. Hindi	59	03	02	Thesis yet to be submitted	Thesis yet to be submitted
<b>Session 2013-14</b>					
M.Phil. Hindi	34	03(01 Not Submitted)	03	66.66	100
Ph.D. Hindi	NIL				
<b>Session 2014-15</b>					
MA Hindi Sem. I	58	09	19	100	100
M.Phil. Hindi	141	08	00	100 (Viva awaited)	00
Ph.D. Hindi	257	03	02	Thesis yet to be submitted	Thesis yet to be submitted
<b>Session 2015-16</b>					
MA Hindi Sem. I	86	19	9	Exams yet to be held.	Exams yet to be held
M.Phil. Hindi	301	02	04	Exams yet to be held.	Exams yet to be held
Ph.D. Hindi	293	-----	-----	-----	-----

### 33. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2015-16</b>				
MA Hindi Ist Sem	Nil	92.83%	07.17%	Nil
MA Hindi IIIrd Semester		96.42%	03.58%	Nil
M.Phil. Hindi	Nil	16.66%	83.33%	Nil

Ph.D. Hindi	Nil	Nil	Nil	Nil
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34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

I. NET/SET/JRF

<b>General</b>	i. Ms. Manisha Jha, NET ii. Mr. Pradeep Tiwari, NET-JRF iii. Mr. Rakesh Pandey, NET-JRF iv. Mr. Pravesh Kumar, NET v. Mr. Shashi Kr. Dwivedi, NET vi. Ms Nirmala, NET vii. Mr. Manoj Kumar, NET-JRF
<b>OBC</b>	i. Md.Raheesh Ali Khan, SRF ii. Ms. Saraswati Jaiswal, NET-JRF iii. Mr. Aman, NET-JRF iv. Ms. Reena Yadav, NET v. Abhishek Vikram, NET
<b>SC</b>	i. Ms. Manisha, SRF ii. Mr. Leela Ram, NET iii. Mr. Rattan Lal, NET iv. Mr. Alok Kumar, JRF
<b>ST</b>	Nil
<b>Total</b>	16

35. Student Progression:

Student Progression	Percentage against enrolled
<b>UG to PG</b>	Nil
<b>PG to M.Phil.</b>	Nil
<b>M.Phil to Ph.D.</b>	<b>M.Phil to Ph.D (Direct Admission):</b> I. Manish Jha II. Deepak III Leela Ram
<b>Ph.D. to Post-Doctoral</b>	Nil
<b>Employed</b> <ul style="list-style-type: none"> <li><b>Campus Selection:</b></li> </ul>	One Student of the department, Ms. Kavita got appointment as Attendant in the Library, Central University of Haryana.

<ul style="list-style-type: none"> <li>• <b>Other than Campus Recruitment:</b></li> </ul>	<ul style="list-style-type: none"> <li>• Mr Ajay Kumar, Assistant Professor, Satyawati College, University of Delhi.</li> <li>• Dr. Preeti Yadav, PGT Hindi, Govt. of Haryana.</li> <li>• Dr. Krishna Kumari, Head Mistress, Education Department, Govt. of Haryana.</li> <li>• Dr. Sanju Kumari, PGT Hindi, Education Department, Govt. of Haryana</li> <li>• Mr. Premdutta Pandey, Guest Lecturer, CBLU Bhiwani, Haryana</li> </ul>
<b>Entrepreneurs</b>	Information not available

**36. Diversity of Staff:**

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	Nil
<b>From other universities within the State</b>	33.33%
<b>From universities from other States</b>	66.66%
<b>From universities outside the country</b>	Nil

**37. Number of Faculty who were Awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the Assessment Period:**

Nil

**38. Present Details of Departmental Infrastructural Facilities with Regard to:**

<b>Library</b>	Centralized Library of University
<b>Internet facilities for staff and students</b>	Yes, the campus is fully Wi-Fi enabled
<b>Total number of class rooms</b>	03
<b>Class rooms with ICT facility</b>	Yes, all the classrooms have ICT facilities.
<b>Students' laboratories</b>	Nil
<b>Research laboratories</b>	Nil
<b>Language Laboratory</b>	Department is in the process of setting Language Lab.

**39. List of Doctoral, Post-Doctoral Students and Research Associates:**

<b>From the host institution/university</b>	<b>M.Phil to Ph.D :</b> <ul style="list-style-type: none"> <li>• Manisha Jha</li> <li>• Deepak</li> <li>• III Leela Ram</li> </ul>
<b>From other institutions/universities</b>	<b>12 Doctoral Students:</b> <ul style="list-style-type: none"> <li>• Preeti Yadav (awarded)</li> <li>• Krishna Kumari (awarded)</li> <li>• Reena Yadav (Submitted)</li> </ul>

	<ul style="list-style-type: none"> <li>• Raheesh Ali Khan</li> <li>• Maneesha</li> <li>• Rattan Lal</li> <li>• Nirmala</li> <li>• Parul Yadav</li> <li>• Hawa Singh</li> <li>• Pravesh Kumar</li> <li>• Manoj kumar</li> <li>• Saraswati Jaiswal</li> </ul>
<b>Post-Doctoral</b>	<ul style="list-style-type: none"> <li>• Dr. Archna Kumari</li> </ul>

**Number of Post-Graduate Students Getting Financial Assistance from the University:**

- All Students enrolled in M.Phil are receiving University Non-NET Fellowship.
- All the Non-NET regular Ph.D scholars are receiving University Non-NET Fellowship.

**40. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, the neighbouring feeding institutions were surveyed and interactions were conducted with the stakeholders in order to assess the need for each programme. Thereafter, the proposal for each course was considered and approved by the various academic bodies of the university.

**41. Does the Department Obtain Feedback from:**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, through departmental meetings and the same is submitted for the consideration of academic bodies.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, through interaction and the same is considered while framing curriculum and teaching-learning evaluation.
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Yes, through interaction and meetings at regular intervals.

**42. List the Distinguished Alumni of the Department (Maximum Ten):**

1. Mr Ajay Kumar, Assistant Professor, Satyawati College, University of Delhi.
2. Mr. Prem Dutt Pandey, Gust Lecturer, Deptt. of Hindi, CBLU, Bhiwani.
3. Dr. Preeti Yadav, PGT Hindi, Education Department Govt. of Haryana.
4. Dr. Krishna Kumari, Head Mistress, Education Department, Govt. of Haryana.
5. Dr. Sanju Kumari, PGT Hindi, Education Department, Govt. of Haryana.

**43. Give Details of Student Enrichment Programmes (Special Lectures / Workshops / Seminar) Involving External Experts:**

Department has initiated the series of Extension Lectures by the eminent scholars. The list of the



eminent scholars identified by the Department includes the following:

Sr. No.	Name	Designation	Affiliation
1.	Prof. Krishna Murari Mishra	Professor	Department of Hindi, Aligarh Muslim University, Aligarh
2.	Prof. Baijanath Prasad	Professor	Department of Hindi, Punjab University, Chandigarh
3.	Prof. Krishan Kumar Goswami	Professor and Former Director, Kendriya Hindi Sanstahn, Agra	Kendriya Hindi Sanstahn, Agra
4.	Prof. Naveen chand Lohani	Professor	Department of Hindi, CCSU, Meerut
5.	Prof. Ramesh Gautam	Professor	Department of Hindi, University of Delhi
6.	Prof. Satyakm	Professor	Centre of Humanities, IGNOU
7.	Prof. M.P. Sharma	Professor	Department of Hindi, Jamia Millia Islamia, New Delhi
8.	Prof. Surya Prasad Dixit	Professor	Department of Hindi, University of Lucknow, Lucknow

**44. List the Teaching Methods Adopted by the Faculty for Different Programmes:**

- Lecture
- Tutorial
- Interactive Teaching based on ICT

**45. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Feedback from different stakeholders, including students, faculty members, parents, academia and alumni.

**46. Highlight the Participation of Students and Faculty in Extension Activities:**

Students and faculties of the department contributed in certain activities like:

- Constituting the Literary Club named "Sahitya-Samiti" to pursue student-centric literary and cultural activities
- The Department has published a *Hand-Written* magazine named 'NIRMANA'.
- Poetry Recitation in Indian Languages on Sept. 12, 2014
- Providing Remedial Coaching to the school students of neighbouring villages.
- Organized an intra-university seminar on 'Sanskritik bahulata aur Nagarjun' on 9<sup>th</sup> November 2011.
- Discussion on 'Gyanarjan Mein Dwibhasiya Drishti: Manto se Gujarate Huye' on 20<sup>th</sup>

November 2012

- Published a magazine entitled 'Bhasha aur Abhivyakti'
- Based on field survey, research scholar Nirmala, brought out folklore entitled 'Lokgeeton ka Bugcha' with ISBN No. 978-93-5072-694-5.
- Nirmala & Manisha, PhD Scholars participated in Youth Red Cross Camp at National Level (Session 2014-15).

**47. Give Details of "Beyond Syllabus Scholarly Activities" of the Department:**

- Department is conducting Hindi learning Classes for Non-Hindi speaking students of the University
- UGC-NET Classes
- Debates on socially relevant topics and discussion on contemporary issues of society by contextualizing the literature.
- Conducting the series of Extension Lectures by distinguished scholars

**48. State whether the Programme/ Department is accredited/graded by other agencies? If yes, give details.**

The department is in the process of the first cycle of NAAC accreditation.

**49. Briefly Highlight the Contributions of the Department in Generating New Knowledge, Basic or Applied:**

- Promoting multidisciplinary approaches on M.Phil and Ph.D programmes
- Research work is done on Hindi Renaissance.
- Through comparative studies incubation of new knowledge is achieved and in future the department will associate with other stream to produce knowledge through inter-disciplinary approaches.
- Research is done and some of them are submitted on the relevant discourses like subaltern studies, Diaspora, Dalit studies and Gender Studies.

**50. Detail Five Major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:**

**Strength**

- i. Well qualified and diverse faculties
- ii. New and updated Syllabus according to the CBCS
- iii. Department is leading to have dialogue with other departments of neighbouring Universities/ Colleges/ Institutions
- iv. Healthy and democratic academic environment for realizing aims and objectives of the various programs.
- v. Tutorials, doubt removal sessions, invited talks and guest lectures are frequently organized to strengthen students' knowledge and to keep them updated

**Weakness**

- i. Limited no. of faculties
- ii. Limited Infrastructure
- iii. Lack of Supporting Staff

**Opportunities**

- i. There are immense opportunities lies for the Department to be developed as model Department because most of the facilities are yet to be developed.

- ii. It being a new University, there are the opportunities for devising and exploring innovative pedagogies and curriculum as per the needs of the hour.
- iii. Maintaining the rigor in the department so that diverse students could be attracted.
- iv. Department has the potential to excel in providing Hindi language services to the government offices/ industries.

#### **Challenges**

- i. To develop infrastructural facilities as soon as possible
- ii. To acquire the excellence as per the departments of other reputed universities who are enjoying the status.
- iii. Application of newly emerged research techniques and methodology in research activities especially in literature & language is a major academic challenge.
- iv. To implement the ICT in Hindi literature & language.
- v. To ensure job opportunities to the students and researchers of the Hindi.

#### **51. Future Plans of the Department:**

- To establish a Language Lab.
- The department is planning for inviting Writer/Poet in Campus.
- To establish a Departmental Library.
- To initiate Certificate / Diploma Course in Creative Writing
- To organize workshops, training programs, seminars, invited talks, and other such activities for discussing various contemporary and theoretical issues. This would facilitate skill development and knowledge enhancement among students, researchers and faculties.
- Department plans to adopt and actively participate in new emerging learning and teaching initiatives including development of e-content, students support services for MOOCS (Massive Open Online Courses) and other such online initiatives.

## Department of History and Archaeology

1. **Name of the Department:** History And Archaeology
2. **Year of establishment:**2014
3. **Is the Department part of a School/Faculty of the university?**  
Yes, It is the part of School of Arts, Humanities and Social Sciences
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**  
M.A. History & Archaeology
5. **Interdisciplinary programmes and departments involved**  
Yes
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**  
The idea of the collaboration with other universities is under discussion at the departmental level.
7. **Details of programmes discontinued, if any, with reasons**  
Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
Semester and CBCS
9. **Participation of the department in the courses offered by other departments**  
Yes. The dept. promotes and actively encourages students to regularly attend the courses which they have opted from other depts.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**  
The recruitment process is in process and probably from the next Jan-Feb 2016, the dept. may have a full strength of the faculty members. However, the present status is as under:

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	04	00	03 (Contractual)
<b>Others</b>	00	00	00

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided for the last 4 years
Dr. Abhiranjan Kumar	M.A, Ph.D., NET/JRF	Assistant Professor	Communal Politics in colonial India: a regional perspective and Historiography.	2.5	00
Dr. Narendra Parmar	M.A., Ph.D. NET	Assistant Professor	Field Archaeology, Settlement System	02	00
Dr. Iswar Parida	M. A., Ph.D	Assistant Professor	Intellectual History, Social History.	1 Month	00

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

The dept. is in the process of enlisting visiting Fellows, adjunct faculty and emeritus professor.

**13. Percentage of classes taken by temporary faculty – programme-wise information**

100%. Presently, all the teachers are on contractual basis.

**14. Programme-wise Student Teacher Ratio**

10.6:1(Average)

SEM 1: Present Strength-24      Total Faculty Members-03      Average- 8:1

SEM 3: Present Strength-11      Total Faculty Members-03      Average- 3:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

The recruitment process is under process. Therefore, soon the dept. will be having all the necessary support staffs and the required administrative staffs. However, at present following is the situation:

Sanctioned	Filled and actual
NA	NA

**16. Research thrust areas as recognized by major funding agencies**

At present, no M.Phil. and Ph.D. programmes are sanctioned. Once, such programmes are allowed to run, the dept. will surely have some major funding agencies from the concerned areas for the purpose of research programmes in certain thrust areas.

**17. Number of faculty with ongoing projects from:**

The dept. is under the process of taking projects. At present, the dept. is not having any project.

**18. Inter-institutional collaborative projects and associated grants received:**

<b>National collaboration</b>	Nil
<b>International collaboration</b>	Nil

Since the dept. of History & Archaeology has only recently come into existence, i.e., only from the last academic session; therefore, till date no inter institutional collaborative projects have been undertaken. However, from the next academic session, the dept. may engage in some of the collaborative projects.

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Nil

**20. Research facility / centre with**

At present, the dept. does not run research programmes.

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

**21. Special research laboratories sponsored by / created by industry or corporate bodies**

Nil, since the dept. of History & Archaeology does not require to have major labs.

**22. Publications:**

<b>Number of papers published in peer reviewed journals (national / international)</b>	15
<b>Monographs</b>	00
<b>Chapters in Books</b>	00
<b>Edited Books</b>	00
<b>Books with ISBN with details of publishers</b>	00
<b>Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	00
<b>Citation Index – range / average</b>	00
<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	00
<b>h-index</b>	00

**23. Details of patents and income generated**

NA

**24. Areas of consultancy and income generated**

At present the dept. is not involved in any consultancy because of insufficient faculty members and the fact that the dept. is new. Once the recruitment process is over and the dept. has a full strength, the consultancy may be provided. It is a part of the long term planning of the dept.

**25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad**

Not yet

**26. Faculty serving in**

<b>National committees</b>	Nil
<b>International committees</b>	Nil
<b>Editorial Boards</b>	Nil
<b>Any other (please specify)</b>	<p>At present, no faculty member is serving in any international committee/national committee/editorial boards. But talks are on for getting absorbed in the editorial board.</p> <p>However, the faculty members are in various committees of the Central University of Haryana:</p> <ul style="list-style-type: none"> <li>• Faculty Coordinator for the Language and Communication Skill Classes.</li> <li>• Student Advisor,</li> <li>• Member, Unnat Bharat Abhiyan,</li> <li>• Advisor, Spic Macay, CUH.</li> <li>• Member, Admission Counselling and Documents Verification Committee.</li> <li>• Member, UGC-NET preparation class under the placement Cell of the CUH.</li> <li>• Member, Departmental Purchasing Committee.</li> <li>• In-charge, Dept. of History &amp; Archaeology.</li> </ul>

**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Participation in Faculty Development Programmes

**28. Student projects**

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	100% (Sem-III) 70% (Sem-I)
Students are always on monthly basis being given projects to be done.	
<b>Percentage of students doing projects in collaboration with other universities industry / institute</b>	Under discussion at departmental level

**29. Awards / recognitions received at the national and international level by**

<b>Faculty</b>	<ul style="list-style-type: none"> <li>• Best paper award to Dr. Abhiranjan Kumar at a National Seminar held at JVM College, Dadri, Haryana.</li> <li>• Best Ph.D. thesis award to Dr. Iswar Prasad at the convocation held in the University of Hyderabad.</li> </ul>
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**30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.**

The organization of seminar/workshop is under discussion and dates for the same are soon to be finalized.

**31. Code of ethics for research followed by the departments**

We do not run research programmes.

**32. Student profile programme-wise:**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
M.A. History & Archaeology (2014-15)	80	7	11	Yet to pass out	Yet to pass out
M.A. History & Archaeology (2015-16)	152	13	12	Yet to pass out	Yet to pass out

**33. Diversity of students**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A. History & Archaeology	Nil	75%	25%	Nil

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

<b>General</b>	Nil
<b>OBC</b>	Nil
<b>SC</b>	Nil
<b>ST</b>	Nil
<b>Total</b>	Nil

However, the students will be appearing in such examination very soon. The dept. has been encouraging them and giving them extra /additional time for the exam preparations as related to UGC-NET/JRF.

**35. Student Progression**



Student Progression	Percentage against enrolled
UG to PG	We have no UG classes
PG to M.Phil.	Not yet.
PG to Ph.D.	Not yet.
Ph.D. to Post-Doctoral	NA
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	First batch is only in semester 3
Entrepreneurs	Nil

**36. Diversity of Staff**

Percentage of faculty who are graduates of:	
From same university	Nil
From other universities within the State	33.3%
From universities from other States	66.6%
From universities outside the country	Nil

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

None

**38. Present details of departmental infrastructural facilities with regard to:**

Library	Not yet
Internet facilities for staff and students	Always
Total number of class rooms	02
Class rooms with ICT facility	wifi is available all the time
Students' laboratories	From the next academic session.
Research laboratories	From the next academic session.

**39. List of doctoral, post-doctoral students and Research Associates**

From the host institution/university	Nil
From other institutions/universities	Nil

At present, we do not run any research programmes. However, soon, we are going to start these programmes.

**40. Number of post graduate students getting financial assistance from the university.**

**41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.**

The need assessment was taken. The methodology included:

- Assessing the new changes in the knowledge of the field.
- Assessing the job opportunities that exist related to the discipline.
- Latest books and scholarly articles were also consulted.
- Some comparisons with the programmes of other universities were made at the informal level.

**42. Does the department obtain feedback from**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, The dept. has prepared a feedback form for faculty which is scheduled to be filled at the end of the academic session.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, The dept. has prepared a feedback form for students which are scheduled to be filled at the end of the last internal examination
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Since the first batch of the students is yet to be passed out, so this may not be answered at this juncture.

**43. List the distinguished alumni of the department (maximum 10)**

Our first batch of students is yet to be passed out.

**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

In the month of Oct and Nov this year, the dept. has organized guest lectures which include the experts from other Universities such as Delhi and MDU, Haryana.

A workshop is also being planned to be organized in the near future.

**45. List the teaching methods adopted by the faculty for different programmes.**

Following are the teaching methods mostly used:

- Formal Lecture Method
- Power Point Presentation
- Audio-Visual Presentation
- Discussion
- Interactive Sessions

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Through different academic pursuits like projects, assignments, question-answer sessions, discussions and internal assessments.

**47. Highlight the participation of students and faculty in extension activities.**

The students of the Department have participated in the various programmes organized by the university on various themes from time to time.

**48. Give details of “beyond syllabus scholarly activities” of the department.**

The dept. takes a keen interest in the field of heritage, promotion of the idea of history at the general level, running Ask Question Movement for students, running discourses and discussions at regular intervals on common themes and current issues etc.

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

We are under process of getting accredited/graded by other agencies.

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Although the dept. is in its infancy as it came into establishment only in the previous academic session of 2014-15, yet it has taken keen interest in thinking out of the box in the teaching methodology, motivating students and helping them to have a better understanding of the future that lies before them. We believe in updating knowledge and sharing them in many formal and informal ways with the students to help them understand and develop among them analytical and original thinking power.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strength**

- i. Multiculturalism
- ii. Interdisciplinary approach
- iii. Updated syllabus as per the CBCS.
- iv. Liberal, democratic and participatory atmosphere
- v. Arrangement of remedial classes and all possible help in improving the knowledge level of the weak students.

**Weakness**

- i. Inadequate no. of faculties
- ii. Lack of proper infrastructure
- iii. Lack of sufficient number of required books and journals
- iv. Lack of Supporting Staff
- v. Lack of time for research oriented works.

**Opportunities**

- i. In preparing the students job and knowledge ready.
- ii. In the field of sustainable research
- iii. In the field of nation and human building.
- iv. In the field of archeology to contribute meaningfully in exploring the past in a scientific manner.
- v. And last but not the least, in the creation of knowledge, plural society and strengthening the ideals of multiculturalism.

**Challenges**

- i. To have a fully equipped department and to have a full strength of faculty members in the department.
- ii. To have technical assistants like surveyor, photographer and draft man for the field of archaeology and also to have a sound library base.
- iii. To have more cosmopolitan, plural and multicultural background of the students.

- iv. To improve the punctuality habit, reading habit and communication skill and develop the personality traits among the students especially those who belong to this state.
- v. To maximize the output in limited resources.

**52. Future plans of the department.**

- To develop a well-equipped and full strength department.
- To develop a sound resource base.
- To get associated with some of the reputed institutions for sincere and productive outcomes in the field of research and general academia.
- To have inter exchange programmes with the reputed national organizations and departments.
- To introduce M.Phil.& Ph.D. programmes for sustainable research activities and output of the Department.
- To encourage multidisciplinary approach in all research and academic pursuits.
- To organize debates, seminars, workshops, special lectures and to pursue other meaningful academic endeavours for a more rational knowledge creation, accumulation and dissemination.
- To identify the areas having employability potential and help the students bringing employment, financial security and job satisfaction.
- To be a partner in e-learning programmes.
- To establish the Dept. as a centre of knowledge in some specialized areas.
- To develop and inculcate sense of history, multi-culturalism, pluralism, liberal and democratic values and vibrancy of human civilization among the students.

## Department of Journalism & Mass Communication

1. **Name of the Department:** Journalism & Mass Communication
2. **Year of Establishment:**2014
3. **Is the Department part of a School/Faculty of the university?**  
Yes, School of Journalism & Media Studies
4. **Names of Programmes Offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**  
M.A. (Journalism & Mass Communication) (Since 2014)
5. **Interdisciplinary Programmes and Departments Involved:**  
The department is not offering any inter-disciplinary programme but offering most of the courses/topics of the programme are of inter-disciplinary/ multi-disciplinary in nature.
6. **Details of Programmes Discontinued, if any, with Reasons:**  
We are offering only single programme since 2014.
7. **Courses in Collaboration with Other Universities, Industries, Foreign Institutions, etc.:**  
Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**  
The department adopts Semester System with 100% implementation of Choice Based Credit System (CBCS).
9. **Participation of the Department in the Courses Offered by Other Departments:**  
Yes, with the adoption of Choice Based Credit System (CBCS) in the University, the students of the department participate in the courses offered by other departments including Sociology, History, Political Science, Hotel Management and Psychology.
10. **Number of Teaching Posts Sanctioned, Filled and Actual (Professors/Associate Professors/Asst. Professors/others):**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	04	03*	03
<b>Others</b>	00**	00	00

\* On contract Basis

\*\* Recruitment of Technical staff on contractual/temporary basis is under process.

**11. Faculty Profile with Name, Qualification, Designation, Area of Specialization, Experience and Research Under Guidance:**

Sr. No.	Name	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D/ M.Phil. Students guided for the last 4 years
1.	Dr. Pankaj Kumar	Ph.D. (J.M.C.), UGC-NET, M.Phil. (J.M.C.), M.A. (M.C.).	Assistant Professor	Communication Research & Statistics, Radio Journalism (Program and Production)	More Than 6 Academic Years	Nil
2.	Mr. Naveen Kumar	Ph.D. (Pursuing) UGC-NET, M.A. (JMC),	Assistant Professor	TV Production Video Editing	More than 6 Academic years	Nil
3.	Ms. Rachna Saini	Ph.D. (Pursuing), NET-JRF, M.Phil. (JMC) M.A. (JMC)	Assistant Professor	Community Radio, Radio Program Production, Mass Media Research, Print Media	More than 5 Academic Years	Nil

**12. List of Senior Visiting Fellows, Adjunct Faculty, Emeritus Professors:**

We are in process to call upon such faculty members.

**13. Percentage of Classes Taken by Temporary Faculty – Programme-Wise Information:**

100 %

**14. Programme-Wise Student Teacher Ratio:**

M.A.: 9:1

**15. Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned, Filled and Actual:**

Presently the department doesn't have any support staff but the University is in process of recruiting the required staff and we are also in process to appoint such staff on temporary basis under stop gap arrangement.

**16. Research Thrust Areas as Recognized by Major Funding Agencies:**

Nil, still we are not offering any research programme as the faculty is on contract basis so that it is not possible to apply a major/minor project from any funding agency.

**17. Number of Faculty with On-Going Projects from:**

Nil (After permanent appointments project will be applied).

**18. Inter-institutional collaborative projects and associated grants received:**

Nil

**19. Departmental Projects Funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; Total Grants Received:**

Nil

**20. Research Facility / Centre With:**

State Recognition	Nil
National Recognition	Nil
International Recognition	Nil

**21. Special Research Laboratories Sponsored by/Created by Industry or Corporate Bodies:**

Nil

**22. Publications:**

Number of papers published in peer-reviewed journals (national / international)	16
Monographs	00
Chapters in Books *	00
Edited Books	00
Books with ISBN with details of publishers	00
Number listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	00
Citation Index – range / average	00
SNIP	00
SJR	00
Impact Factor – range / average	00
h-index	00

**23. Details of Patents and Income Generated:**

Nil

**24. Areas of Consultancy and Income Generated:**

Nil

**25. Faculty Selected Nationally/Internationally to Visit other Laboratories / Institutions/ Industries in India and Abroad:**

Nil

**26. Faculty Serving in A) National Committees B) International Committees C) Editorial Boards D), Any Other (Please Specify):**

Nil

**27. Faculty Recharging Strategies (UGC, ASC, Refresher / Orientation Programmes, Workshops, Training Programs and Similar Programs):**

**I. Dr. Pankaj Kumar**

S. No.	Programme	Duration	Organised by
1.	Refresher Course	2 days (19-20 October, 2012)	Academic Staff College, Kurukshetra University.
2.	Refresher Course	2 days (26-27 September, 2013)	Academic Staff College, Kurukshetra University.

**II. Ms. Rachna Saini:**

Sr. No.	Programme	Duration	Organised by
1.	Short Term Refresher Course	2 days (25-26 October, 2012)	Academic Staff College, Kurukshetra University.
2.	Short Term Refresher Course	2 days (19-20 September, 2013)	Academic Staff College, Kurukshetra University.

**28. Student Projects:**

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	Nil*
<b>Percentage of students doing projects in collaboration with other universities, industry / institute</b>	Nil

\* First batch of the department is still in third semester and in house projects will be given in fourth semester as per the syllabus.

**29. Awards / Recognitions Received at the National/ International Level By:**

Nil

**30. Seminars/Conferences/Workshops organized and the source of funding (National/International) with details of outstanding participants, if any.**

Nil

**31. Code of Ethics for Research followed by the Departments:**



Yes, the department will follow the code of ethics for research by adopting following measures:

- All research work will be required to pass through the plagiarism check before submission of dissertation/thesis, mandatorily. That will be done in fourth semester of the programme i.e. M.A. JMC.

**32. Student Profile (Programme-wise):**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>Session 2014-15</b>					
MA JMC	123	11	03	-	-
<b>Session 2015-16</b>					
MA JMC	205	13	01	Exams yet to be held.	Exams yet to be held

**33. Diversity of Students:**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2015-16</b>				
MA JMC Ist Sem	Nil	57.1	42.9	Nil
MA JMC IIIrd Semester	Nil	50	50	Nil

**34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Nil, the first batch is still in progress.

**35. Student Progression:** Nil, the programme i.e. MA JMC has been started from 2014 still we are not offering any research programme.

**36. Diversity of Staff:**

Percentage of faculty who are graduates of:	
From same university	0
From other universities within the State	100%
From universities from other States	Nil
From universities outside the country	Nil

**37. Number of Faculty who were Awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the Assessment Period:**

Ph.D.: One teacher has obtained Ph.D. during 2014 from Kurukshetra University and two teachers are

pursuing Ph.D. from the same university.

**38. Present Details of Departmental Infrastructural Facilities with Regard to:**

<b>Library</b>	Nil
<b>Internet facilities for staff and students</b>	Yes, the campus is fully Wi-Fi enabled
<b>Total number of class rooms</b>	02
<b>Class rooms with ICT facility</b>	Yes, all the classrooms have ICT facilities.
<b>Students' laboratories</b>	01
<b>Research laboratories</b>	Nil
<b>Studio/Laboratory</b>	Department is in the process of setting up a studio.

**39. List of Doctoral, Post-Doctoral Students and Research Associates:**

Nil

**40. Number of Post-Graduate Students Getting Financial Assistance from the University:**

Nil

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Still we are offering single programme on the basis of feed back of the students as well as from media industry we will start research and professional programmes from next academic year.

**42. Does the Department Obtain Feedback from:**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, through departmental and face to face interaction with the students we consider such feedback and submit for B.O.S.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, Through interaction with the students and with the help of feedback Performa.
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	We are in the third semester of first batch

**43. List the Distinguished Alumni of the Department (Maximum Ten):**

Nil

**44. Give Details of Student Enrichment Programmes (Special Lectures / Workshops / Seminar) Involving External Experts:**

Nil

**45. List the Teaching Methods Adopted by the Faculty for Different Programmes:**

- Lecture Method

- Tutorial Method
- Practical Classes of Situational & Communicative English
- PPT Presentations Method
- Group Discussions Method
- Interactive Teaching based on ICT Method
- Written and spoken practice/classes

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Necessary steps have been taken to ensure that various objectives are realised, by considering and evaluating feedback from different stakeholders, including students, faculty members, parents, academia and alumni.

**47. Highlight the Participation of Students and Faculty in Extension Activities:**

1. The students of the department named Yasha Jain, Sakhsi, Himanshu, Vinay Sangam and Rohitash Meena have participated in Youth Contribution to The Beijing+20 Review Debate organized by Asia Foundation.
2. Hindi Pakhwada organized by Hindi Rajbhasha Department in the University Campus from 1-15 September, 2015 and Yasha Jain, Sakhsi, Himanshu, Vinay Sangam and Rohitash Meena participated in the programme. Yasha Jain won the second prize in poem recitation.
3. Yasha Jain, Sakhsi and Himanshu participated in Theatre organized at GD Goenka University and won first prize.
4. Yasha Jain participated in Geeta Jayanti Samaroh held at Kurukshetra by Kurukshetra Vikas Board on Dec.1<sup>st</sup> 2014.
5. On the foundation day celebration of the university, Yasha Jain participated in different cultural activities.
6. Four students Yasha Jain, Sakhsi, Himanshu and Rohitash Meena are engaged in NSS activities.

**48. Give Details of “Beyond Syllabus Scholarly Activities” of the Department:**

- The department conducts Communication Skill classes to the students free of cost.
- Conducted Extension Lectures by the External Resource persons
- Dr. Trishu Sharma contributed in University UGC-NET coaching and communication skill classes.

**49. State whether the Programme/ Department is accredited/graded by other agencies? If yes, give details.**

The department is in the process of the first cycle of NAAC accreditation.

**50. Briefly Highlight the Contributions of the Department in Generating New Knowledge, Basic or Applied:**

1. Dr. Pankaj Kumar delivered extension lectures in Mass Communication Department of Chaudhary Bansi Lal University Bhiwani on September 12, 20 & 27 October 11, 18 & 25 and November 15, 22 & 29, 2014.
2. Dr. Pankaj Kumar was the organizing committee member of the seminar “Cooperation for the Co-operators” on October 13, 2015.

**51. Detail Five Major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the**

**Department:****Strengths**

- i. Department is enriched with three faculties among these one is Doctorate.
- ii. Department has a good participation in cultural and co-curricular activities of the students.
- iii. Department is offering 10 elective courses for the other students of other departments.
- iv. 15 Research papers have been published by the faculty of the department.
- v. Classroom with modern pedagogical and skill.

**Weakness**

- i. Department studio is yet to be established. It is in pipeline.
- ii. Department is yet to be published its own journal.
- iii. Lack of exposure to the students.
- iv. Inadequate number of teaching and non-teaching staff.
- v. Deficiency in English language and communicating skills of students.

**Opportunities**

- i. Department is proposing Graduation and M.Phil. program from the session 2016-17.
- ii. Department is providing maximum number of elective papers/concepts learning/ Skills to the learner.
- iii. Creating quality human resources for media.
- iv. Great opportunity for institution, industry collaboration in research and career building.
- v. Creating quality human resource in media.

**Challenges**

- i. To create spoken English environment among students.
- ii. To enhance industry oriented training and research.
- iii. Attaining 100% placement and to find opportunity to place students in reputed media organizations.
- iv. To strengthen national and international collaboration.
- v. To start new courses in the department.

**52. Future Plans of the Department:**

- Department is planning for setting up a Community Radio.
- Department will introduce a Media Society.
- Department will publish its own news letter.
- Department will initiate in quality research work in the area of Mass Media after offering M.Phil. and Ph.D. programmes.

## ANNEXURE

### Research Publications

**Dr. SIDDHARTH SHANKER RAI**

#### **Chapters in Edited Books:**

- Article entitled "Sat Asaman" Published in Samkaleen Hindi Upanyas: Srijan Ke Vividha Aayam, (ISBN-978-81-7741-162-1) from Sanjay Book Centre, Varanasi in 2010, pp:120-124.
- Article entitled "Muzhe Chand Chahiye" Published in Samkaleen Hindi Upanyas: Srijan Ke Vividha Aayam, (ISBN-978-81-7741-162-1) from Sanjay Book Centre, Varanasi in 2010, pp:87-91.
- Article entitled "Ramcharitmanas Ka Vaishishtya" Published in Bhakti Kavya Ki Samvedna, (ISBN--81-85997-09-8) from Progressive Book Centre, Varanasi in 2010,pp:91-94.
- Article entitled "Tulsidas Ka Kavya Vaishishtya" Published in Bhakti Kavya Ki Samvedna, (ISBN--81-85997-09-8) from Progressive Book Centre, Varanasi in 2010,pp:95-98.

#### **Peer Review Journals/ Non-Peer Review Journals/ Conference proceedings**

- Article entitle "Samkaleen Kavita Aur Stri Mukti" Published in SAMHASHYA (VOL.1)(ISSN 2229-4066) from Varanasi in JulyDec.2012,pp33-39.
- Article entitled "Stri Vimarsh: Upalabadi Evam Seemayen" Published in LOKCHETNA (VOL.2-3)(ISSN-2277-5013) from Ranchi in 2013,pp:128-146.
- Article entitled "Samkaleen Kavita Ka Stri Swar" in VIKSHA (ISSN-0975- 3788)VOL.1 , from Varanasi, JAN-JUNE 2009,pp:42-46.
- Article entitled "Ganth Gyi Hai Vah Jameen Meri Atma Main" Published in LOKCHETNA (VOL.1)(ISSN2277-5013) from Ranchi in 2011,pp:47-48.
- Article entitled "Sab Seekhate Hain Hamse Andaz Guftagu Ka" Published in AKLAN,VOL.II (ISSN-0976-1616) from , Varanasi Uttar, SEPT.2011 ,pp:114-117.
- Article entitled "Kavita Katyayni ki" in AABHA (VOL.15) from Jahanabad Jila Hindi Sahitya Sammelan, Bihar, March 2009,pp:28-31.
- Article entitled "Adhunik Hindi Kavita Aur Aalochana ka Marxwadi Path" in SHEETAL VANI(VOL.II), from Saharanpur, U.P. in 2011,pp:76-79.
- Book Review entitled "Rajnitivihin Daur Main Rajniti Ka Sahas" in VASUDHA ,(VOL.87) from Pragatisheel Lekhak Sangh, Bhopal, Oct-Dec 2010,pp:293- 295.
- Book Review entitled "Jab-Jab Yah Rat Barasti Hai" in SHAKHI, (VOL.20) from Premchand Sahitya Sansthan, Varanasi, April 2010,pp:204-207.
- Article entitled "Jiski Kavita Main Ishwar Ki Koi Jagah Nhi" in PRASANG (VOL.16) from Hazaribag, Zharkand in 2011,pp:380-383.
- Article entitled "Itihas Drshiti Ke Bahane Bahut Kuch" Published in SAMKALEEN ABHIVYAKTI (VOL.40) from New Delhi in 2011,pp:62-63.

**Dr. AMIT KUMAR**

#### **BOOKS:**

- Poetry collection entitled "Kathin Samaya Me" published by Satluj Publications, Panchakula, (ISBN 978-81-88803-14-9)
- Poetry collection "Dukha Koi Chidiya To Nhin" published by Antika publications, Gaziabad (ISBN 978-93-81923-81-8)
- A book entitled " Loksahityakar Rajkishan Nain : Vivechan Aur Mulyankan' published by Amrit publications, New Delhi (ISBN 978-81-8280-083-0)

### **Peer Review Journals/ Non-Peer Review Journals/ Conference proceedings**

- Article entitled “Kraj Sath-Sath chalta hai kisan” Published in HARIGANDHA, Feb-March 2009.
- Article entitled “Vaishikaran : samrajyawadi Shoshan ka Dusra nam” Published in PANCHSHEEL SHODH SAMEEKSHA, Oct-Dec. 2009.
- Article entitled “Kisan se Majdoor banana ki Katha: Poos ke Rat” Published in VAGARTHA, BarteeyaBhasha Parishad, Kolkata, May2010.
- Article entitled “Hariyana Ke Hindi Sahitya me Kisan” Published in HARYANA JOURNAL, KUK, NOV2011.
- Article entitled “Karj Ke Andhere me Kisan” Published in VAGARTHA, Barteeya Bhasha Parishad, Kolkata, FEB.2011.
- Article entitled “Upekshit Varg Ki Peeda ko Abhivyakt Karti Tolstoy Ki Khaniyan” Published in PANCHSHEEL SHODH SAMEEKSHA, Apr-June. 2012.
- Article entitled “Saadat Hasan Manto Ki Kahaniyon Me Ashlilta” Published in PANCHSHEEL SHODH SAMEEKSHA, Oct-Dec. 2012.
- Article entitled “Hindi: Vartmaan Sandarbh” Published in BHASHA AUR ABHIVYAKTI, CUH, Feb2014.
- Article entitled “Vaishvikaran me Kisan Aur Kisani” Published in CUH Journal (ISSN 2348-3377), CUH, March 2014.
- Article entitled “Kaid Se Bhagi Ladkiyon Ki Dayari” Published in VAGARTHA, Barteeya Bhasha Parishad, Kolkata, May 2014.
- Article entitled “Samkaleen Hindi Kahani Me Stri Kisan” Published in JANPATH (ISSN 2277-6583), Ara, July-Aug 2014.
- Article entitled “Hriyanvi Krishi Lokgeeton me Stri Kisan” Published in MADAI (ISSN 2278-8352), 2014.

## Department of Law

1. **Name of the Department:** Department of Law
2. **Year of Establishment:** 2010
3. **Is the Department part of a School/Faculty of the university?**

Yes, Department of Law established under the ‘School of Law, Governance, Public Policy and Management Studies.’
4. **Names of Programmes Offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

As of now Department of Law has been offering its PG Programme (LL.M.) of two years of duration.
5. **Interdisciplinary Programmes and Departments Involved:**

Right from its inception Students of Department of Law have been getting themselves registered with the interdisciplinary courses of other Departments of the University as per the unique feature of our CBCS PG Ordinance which rather put a mandate of earning minimum 6 Credits of Elective in nature from other Departments throughout the 4 semester. Department of Education and Department of Political Science particularly have been proved our active partner in this multidisciplinary approach. Further Department of Law shares its School Board with Dept. of Management Studies and Department of Commerce which also gives us a platform to think academically with Interdisciplinary approach.
6. **Details of Programmes Discontinued, if any, with Reasons: Courses in Collaboration with Other Universities, Industries, Foreign Institutions, etc.:**

There is no such programme which has been discontinued
7. **Courses in Collaboration with Other Universities, Industries, Foreign Institutions, etc.**

As of now department is not offering any such course. But, in the future the department may have these programmes.
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**

The Department of Law adopts Semester System with 100%. Implementation of Choice Based Credit System (CBCS).
9. **Participation of the Department in the Courses Offered by Other Departments:**

Right from its inception Students of Department of law have been getting themselves registered with the interdisciplinary courses of other Departments of the University as per the unique feature of our PG Ordinance which rather put a mandate of earning minimum 6 Credits of Elective in nature from other Departments throughout the 4 semester. Department of Education and Department of Pol. Sci. particularly have been proved our partner in this multidisciplinary approach. Likewise students of other Departments have been opting Elective Courses of Department of Law. Elective Courses of the Department like Human Rights: Constitution of India, Law relating to Cyber Crimes have been having good response from the students.

**10. Number of Teaching Posts Sanctioned, Filled and Actual (Professors/Associate Professors/Asst. Professors/others):**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	00	00
Associate Professors	02	00	00
Asst. Professors	04	04	04
Others	00	00	00

**11. Faculty Profile with Name, Qualification, Designation, Area of Specialization, Experience and Research Under Guidance:**

Sr. No.	Name	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D/ M.Phil. Students guided for the last 4 years
1.	Dr. Pardeep Singh	B.A. (Law), LL.B., LL.M. (KUK), PG Dip. In ADR (ILI, New Delhi), UGC NET, Ph.D.	Assistant Professor	Constitutional Law, ADR, Procedural Law	4 Years, 9 Monts PG Teaching Experience at CUH	8 students have been awarded for their LL.M dissertation
2.	Dr. Anju	B.A.(Law), LL.B., LL.M. (NET & JRF) and Ph.D	Assistant Professor	Business Law, Family and Criminal Law (Women Issues)	2 years, 8months	4 students have been awarded for their LL.M dissertation
3.	Dr. Samiksha Godara	B.A. (Law), LL.B., LL.M. (Criminal Law), UGC-NET, Ph.D. (Cyber Crime)	Assistant Professor	Criminal Law, Cyber Law	3 years & 10 months	3 students have been awarded their LL.M. dissertation
4.	Sh. Rakesh Meena	B.A., M.A. in Sanskrit LL.B LL.M	Assistant Professor	Human Rights, International Humanitarian Law	3 years	2 students have been awarded their LL.M. dissertation

**12. List of Senior Visiting Fellows, Adjunct Faculty, Emeritus Professors:**

None

**13. Percentage of Classes Taken by Temporary Faculty – Programme-Wise Information:**



Nil

**14. Programme-Wise Student Teacher Ratio:**

Student Teacher Ratio in LL.M Programme is **10:1**

**15. . Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned, Filled and Actual:**

Presently the department doesn't have any support staff but the University is in process of recruiting the required staff.

**16. Research Thrust Areas as Recognized by Major Funding Agencies:**

The faculty of the department has applied for the projects in following research areas:

- i. Socio Legal and Environment related issues.
- ii. Women & Prisoners' Rights

However, department has not received any grants yet from any funding agency.

**17. Number of Faculty with On-Going Projects from:**

<b>National</b>	Three teachers of the department have applied for four major Research Projects to UGC and ICSSR.
<b>International funding agencies and</b>	Nil
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	The department is awaiting the communication regarding the proposals submitted to abovementioned funding agencies.

**18. Inter-Institutional Collaborative Projects and Associated Grants Received:**

<b>National collaboration</b>	Nil
<b>International collaboration</b>	Nil

**19. Departmental Projects Funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.;; Total Grants Received**

None yet. However 3 faculty members have applied for 4 MRPs that includes:

- A Proposal submitted for UGC MRP by Dr. Pardeep Singh for researching the Impact of Legal Services Institutions for realising access to justice for all: A case study of Haryana State.
  - And a proposal submitted for ICSSR MRP by Dr. Pardeep Singh & Dr. Anju on title "Impact of National Green Tribunal (NGT) towards realizing Environmental justice: A Socio-Legal Case Study."
  - Dr. Samiksha Godaraha applied two research projects for funding.
    - **UGC:** Major Research Project entitled "Impact of Vocational Training Programmes on the Rehabilitation & Reformation of the Prisoners in the State of Haryana"
    - **ICSSR:** "Implementation of the Sexual Harassment of Women at Workplace (Prevention, Prohibition & Redressal) Act, 2013 in the Higher Educational Institutions in the State of Haryana"
- Communication for interaction awaited for all above.*

**20. Research Facility / Centre With:**

State Recognition	Nil
National Recognition	Nil
International Recognition	Nil

**21. Special Research Laboratories Sponsored by/Created by Industry or Corporate Bodies:**

Nil

**22. Publications:**

Number of papers published in peer-reviewed journals (national / international)	17
Monographs	01
Chapters in Books *	03
Edited Books	00
Books with ISBN with details of publishers	00
Number listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	00
Citation Index – range / average	00
SNIP	00
SJR	00
Impact Factor – range / average	00
h-index	00

**23. Details of Patents and Income Generated:**

None

**24. Areas of Consultancy and Income Generated:**

University is in the process of engaging senior faculty in the form of Adjunct Professors/Visiting fellows and consultancy services may be started in future on assessing and mapping the needs of the neighbourhood area and students.

**25. Faculty Selected Nationally/Internationally to Visit other Laboratories / Institutions/ Industries in India and Abroad:**

None

**26. Faculty Serving in A) National Committees B) International Committees C) Editorial Boards D), Any Other (Please Specify):**

Dr. Pardeep Singh

Membership of Academic Bodies

- Member, Academic Council of Central University of Haryana
- Member, School Board of School of Law, Governance, Public Policy and Management Studies.
- Member, Board of Studies, Department of Law, Central University of Haryana
- Convenor, CUH Legal Aid Clinic.
- Editor, *Journal of Central University of Haryana*—An International Multidisciplinary Refereed Research Journal
- Member, Official Language Implementation Committee of CUH
- Member, Library Committee, Central University of Haryana
- Member, Centre for community Development, Central University of Haryana

**Dr. Anju:**

**Editorial Board:**

Member, Editorial Board, Annual Report (2014-15), Central University of Haryana

**Other Committees:**

- Warden, Girl's Hostel, Central University of Haryana.
- Member, Innovation Club, Central University of Haryana
- Member, Internal Complaints Committee (ICC) for Prevention, Prohibition & Redressal of Sexual Harassment of Women at Workplace
- Member, Publication Division, Central University of Haryana for session (2015-16)
- Coordinator, CUH Legal Aid Clinic, Central University of Haryana.
- Member, Board of Studies, Department of Environment Science, Central University of Haryana

**Dr. Samiksha Godara**

**Membership of Academic Bodies**

- Discipline Committee – Member
- Internal Quality Assurance Cell (IQAC) – Member
- Board of Studies (Department of education) – Member
- Software Purchase Committee – Member
- Hostel Guidelines Committee – Member
- Intellectual Property Rights (IPR) Cell– Convenor/Coordinator
- CUCET 2015 Coordination Committee – Member
- Movie Club – Legal Expert
- New Education Policy (NEP) Discussion Committee – Member
- Internal Complaints Committee (ICC) for Prevention, Prohibition & Redressal of Sexual Harassment of Women at Workplace – Member
- Committee to discuss the Utility of Shops in the University – Member

**Mr. Rakesh Meena:**

**Membership of Academic Bodies**

- Member SC-ST Cell
- Member, Cell for the Persons With Disability

**27. Faculty Recharging Strategies (UGC, ASC, Refresher / Orientation Programmes, Workshops, Training Programs and Similar Programs):**

**Dr. Pardeep Singh**

S. No.	Programme	Duration	Organised by
1.	UGC-Sponsored Orientation Programme	28 days (20/06/2014 to 17/07/2014 )	Academic Staff Collage, Kurukshetra

**Dr. Anju**

S. No.	Programme	Duration	Organised by
1.	UGC-Sponsored Orientation Programme	28 days (20/06/2014 to 17/07/2014 )	Academic Staff Collage, Kurukshetra

**Dr. Samiksha Goadara**

S. No.	Programme	Duration	Organised by
1.	UGC-Sponsored Orientation Programme	25th November, 2014-22nd December, 2014	Academic Staff College, Panjab University, Chandigarh

**Mr. Rakesh Meena**

S. No.	Programme	Duration	Organised by
1.	Course on Sociology of Labour and Globalisation	8th June to 19th June, 2015	V.V.Giri National Institute of Labour, Noida, Delhi

**28. Student Projects:**

Percentage of students who have done in-house projects including inter-departmental projects	Nil
Percentage of students doing projects in collaboration with other universities, industry / institute	Nil

**29. Awards / Recognitions Received at the National/ International Level By:**

Faculty	Nil
Doctoral / Post doctoral fellows	Nil
Students	Nil

**30. Seminars/Conferences/Workshops organized and the source of funding (National/International) with details of outstanding participants, if any.**

- National Seminar on Inclusive Democracy: People, Power & Progress (PPP) organized in 2012
- National Workshop on RTE organized in 2012
- Month long Academic Celebration for creating and sharing Knowledge organized in 2012 and 2013
- Conference/symposia/Colloquium/Panel Discourse/institutional academic activities

(Department of Law has played a proactive role by participating and organising all these academic programmes. In these academic events outside participants include experts from Planning Commission,

Judiciary, Law Commission, Academia have participated as resource person including the names of Prof.Yash Pal, eminent Scientist, Lady Justice Liela Seth, etc.)

**Recently one proposal for organising one day Training/Workshop programme on human Rights is approved for funding by National Human Rights Commission.**

**31. Code of Ethics for Research followed by the Departments:**

Yes, the department follows the code of ethics for research by adopting following measures:

- All research works as a matter of mandate are required to pass through the plagiarism check before submission.
- Regular Classes of LL.M.

**32. Student Profile (Programme-wise):**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>Session 2010-12</b>					
LL.M.		5	3	100%	100%
<b>Session 2011-13</b>					
LL.M.		6	0	100	
<b>Session 2012-14</b>					
LL.M	32	6	1	100	100
<b>Session 2013-15</b>					
LL.M.	33	2	2	100	100
<b>Session 2014-16</b>					
LL.M	80	10	7	Final Exams yet to be held.	Final Exams yet to be held
<b>Session 2015-17</b>					
LL.M.	91	14	4	Exams yet to be held.	Exams yet to be held

**33. Diversity of Students:**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2015-16</b>				
LL.M. Ist Sem	Nil	53.8%	46.2%	Nil
LL.M.IIIrd Semester		67.5%	32.5%	Nil

**34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

**NET/SET/JRF**

<b>General</b>	<ol style="list-style-type: none"> <li>Mr. Anudeep Shah, NET (2012-14)</li> <li>Mr. Praveen Kumar Maurya, NET(2014-16)</li> <li>Mr. Devesh Kumar Agnihotri, NET(2011-13)</li> <li>Mr. Kishore Kumar Mishra NET (2011-13)</li> </ol>
<b>OBC</b>	<ol style="list-style-type: none"> <li>Mr. Vishal Yadav, NET (2014-16)</li> </ol>
<b>SC</b>	<ol style="list-style-type: none"> <li>Mr. Manish Kumar, NET (2012-14), now pursuing his Ph.d.</li> <li>Mr. Sandeep, NET (2012-14)</li> <li>Ms. Alka Dahiya, (2011-13) pursuing her Ph.d.</li> </ol>
<b>ST</b>	<ol style="list-style-type: none"> <li>Mr. Jhumri Koyu, NET (2012-14)</li> </ol>
<b>Total</b>	09

**35. Student Progression:**

Student Progression	Percentage against enrolled
<b>UG to PG</b>	Nil
<b>PG to M.Phil.</b>	Nil
<b>Entrepreneurs</b>	Information not available

**36. Diversity of Staff:**

Percentage of faculty who are graduates of:	
<b>From same university</b>	Nil
<b>From other universities within the State</b>	75%
<b>From universities from other States</b>	25%
<b>From universities outside the country</b>	Nil

**37. Number of Faculty who were Awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the Assessment Period:**

**Ph. D:** Two teachers

**38. Present Details of Departmental Infrastructural Facilities with Regard to:**

<b>Library</b>	Department of Law has been given a separate corner with good quality books of relevant law subjects at the Central Library of the University. Moreover a special corner named <i>M C Sharma Corner</i> at the Central Library is also having good quality of books in the field of Law.
<b>Internet facilities for staff and students</b>	ICT is the part and partial of the LL.M Programme of the Dept. of Law. Legal Software like <b>Manupatra</b> is accessible to all the students with <b>24 into 7 Wi-Fi internet</b> service of high speed. <b>On-line journals through Inplibnet</b> are also accessible to the students
<b>Total number of class rooms</b>	02
<b>Class rooms with ICT facility</b>	Yes, all the classrooms have ICT facilities with <b>24 into 7 Wi-Fi internet</b> service of high speed.
<b>Students' laboratories</b>	Nil
<b>Research laboratories</b>	Nil
<b>Language Laboratory</b>	Nil

**39. List of Doctoral, Post-Doctoral Students and Research Associates:**

N.A.

**40. Number of Post-Graduate Students Getting Financial Assistance from the University:**

Two students, Mr. Amardeep and Mr. Satish received financial assistance under 'Earn While Learn' Scheme in the session 2014-15.

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

None

**42. Does the Department Obtain Feedback from:**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, through departmental meetings and otherwise feedback from the faculty is being taken before submission for the consideration of academic bodies.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, through interaction and the same is considered while framing curriculum and teaching-learning evaluation.
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Yes, through interaction and meetings at regular intervals.

**43. List the Distinguished Alumni of the Department (Maximum Ten):**

Passed-out students of the Department of Law have been doing best in their respective fields. Many of them have qualified UGC NET Examination. Some are practicing in the court of Law. Some are pursuing their Doctorates etc. Alumni include Alka Dahiya, Devesh Agnihotri, Kishore Kumar Mishra, Vikas Goel, JumriKoyu, Sandeep Kumar, Manish Kumar, Anudeep, Vinay Kumar.

**44. Give Details of Student Enrichment Programmes (Special Lectures / Workshops / Seminar) Involving External Experts:**

Department has organised the series of Extension Lectures by the eminent scholars. The list of eminent scholars who has interacted with the students & faculty in one or other ways is as follow:

Sr. No.	Name
1.	Prof. Yash Pal, eminent Scientist, Chief Guest at National Workshop on RTE in 2012
2.	Hon'ble Lady Justice Liela Seth, Chief Guest at National Workshop on RTE in 2012
3.	Mr. Justice Mr. S. K. Mittal, Hon'ble Judges Punjab & Haryana High Court, Chandigarh, Chief Guest of National Seminar at CUH & at the inaugural of CUH Legal Aid Clinic
4.	Hon'ble Justice Mr. Pritam Pal, Hon'ble Lokayukta, Haryana, Chief Guest for inaugural of 2 <sup>nd</sup> Aadhar Cards Registration Camp, an Exhibition on Inclusive Judicial Process. Justice Pritam Pal also delivered a special lecture on the Institution of Lokayukta- An Imperative for good governance on dt 23-09-2015.
5.	Mr. Justice N K Sanghi, Hon'ble Judges Punjab & Haryana High Court, Chandigarh, Guest of Honour at the inaugural of CUH Legal Aid Clinic.
6.	Prof. Moolchand Sharma, founder Vice-Chancellor, CUH
7.	Prof. R K Gupta, Director, Institute of Law, Kurukshetra University
8.	Prof. S P Singh, Ex-VC, Lucknow University
9.	Prof. Manjit Singh Nijjar, Dean, Panjabi University, Patiala
10.	Prof. A. K Awasthi, Lucknow University.
11.	Prof. Satish C Shastri, Dean, MITS, Laxmangarh, Raj
12.	Prof. Mahesh Koolwal, Dean, Faculty of Law, University of Rajasthan

**45. List the Teaching Methods Adopted by the Faculty for Different Programmes:**

- Lecture
- Tutorial
- Practical Classes
- Interactive Teaching based on ICT.
- Screening of Documentary followed with Discussion

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**



Necessary steps have been taken to ensure that various objectives are realised, by considering and evaluating feedback from different stakeholders, including students, faculty members, parents, academia and alumni.

#### **47. Highlight the Participation of Students and Faculty in Extension Activities:**

Students and faculty of the department has been contributing in various outreach programme by organising activities like:

- Sensitisation and legal awareness programmes through various modes like: Skits, Exhibition, survey etc.
- Clean Campus Initiatives
- Gender Sensitization Programmes
- Curriculum and Content Development
- Providing Remedial Coaching to the school students of neighbouring villages

#### **Details of a few activities:**

Department of Law under the School of Law, Governance, Public Policy and Management Studies in its journey of five years (approx.) since 2010 has been doing a tremendous job in imparting legal education to the students and the needy as well along with its CUH Legal Aid Clinic.

Journey of Dept. of Law started from the temporary campus situated at Govt. B.Ed College, Narnaul with its maiden Programme of LL.M. with the intake capacity of 10 initially. Dr. Shobhnajeet and Dr. Pardeep Singh were assigned the task of teaching the LL.M Programme after being selected on Short term contract in the Month of January, 2011. Under the sagacious leadership of founder Vice-Chancellor Prof. (Dr.) Moolchand Sharma, Department of Law had taken number of **academic as well as social outreach initiatives** for realizing the vision and mission of the University.)

We at Department of Law keep on having firm belief that University is a storehouse of knowledge for society and each Dept. in the University should not perform in isolation rather should build a partnership with the society and neighbourhood educational institutions (school, college & University).

It is in this philosophy that in the past we have organized a **Mega Lok Adalat** at District Court Complex, Narnaul in collaboration with HALSA in 2012, coordinated by **Dr. Pardeep Singh**, Faculty from the Department wherein students from the Dept. of Law participated in the capacity of members of *Lok Adalat*. Mr. Justice Satish Kumar Mittal and Mr. Justice N K Sanghi, Hon'ble Judges, Punjab & Haryana High Court, Chandigarh inaugurated and presided over the entire Programme. We have **conducted a survey** over the litigants by making them filled specially devised questionnaire; we have conducted **their interviews**. Two judges of the Punjab & Haryana High Court were invited as guests for the occasion. We had organized a **grand exhibition** on the theme "Inclusive Judicial Process" and the main focus of attraction on the occasion had been the enactment of **Play "JakranmeinNyaya"** by the CUH students.

We established a **CUH Legal Aid Clinic** with its well devised objectives for imparting legal literacy/empowerment amongst the inhabitants of nearby vicinity. **Through the medium of Nukkad Nataks, exhibitions, surveys, short films, distribution of pamphlet etc.** we have been contributing towards various social causes.

#### **Skits enacted so far by students on Law and Access to Justice:**

- *Jakran mein Nyaya* (Coordinated by Dr. Shobhnajeet, Faculty, Dept. of Law)
- *Aao Milkar Karein Nyaya ke Swappan Ko Sakaar* (Coordinated by Dr. Pardeep Singh, Faculty, Dept. of Law)

- *Ek Kadam Nyaya ki Aur...* (Coordinated by Dr. Pardeep Singh & Dr. Anju, Faculty, Dept. of Law)
- “*Sushashan aur Sugam Nyay Ki Aur*” ... (Coordinated by Dr. Pardeep Singh & Dr. Anju, Faculty, Dept. of Law)

Right from its inception with its CUH legal Aid Clinic Department has been organizing **various social outreach programmes apart from its academic obligations. A monograph** has been published featuring some write up on the very theme of the legal aid and inclusive judicial process by the Dept. of Law, which was released in the hands of **Mr. Justice S K Mittal, Hon’ble Judge, Punjab & Haryana High Court.** Dr. Pardeep Singh had been assigned the task of Co-ordinator for the CUH Legal Aid Clinic.

Dr. Pardeep Singh, faculty, Dept. of Law prepared a compendium having Public-utility forms to be used by common man. Copy of the same handed over to Punjab & Haryana High Court. This has also been published on large scale by it for the common man and has been circulated in each and every Legal Aid Clinic at villages of Haryana State.

Just as an outcome of National Workshop on RTE and after travelling a journey from Narnaul to Delhi—A journey for Change (an initiative taken by founder VC) a Book on RTE got published through a well-known publisher.

In 2013, in order to make the students learn ‘the research’ Students of LL.M were assigned the task of conducting a **Socio-Legal survey of 5 villages of District Mahendergarh** for knowing their legal literacy level.

We keep on organizing the ‘**Legal Literacy Camp**’ as an institutional practice at the neighbouring villages.

In year 2013 we organized an **On-campus Aadhar Card Registration Camp** for the University Fraternity and inhabitants of nearby villages.

We rededicated ourselves towards **Swatch Bharat Abhiyaan** by launching a drive from Govt. Sr. Secondary School of Village Pali.

Legal awareness Programmes, Celebration of Human Rights Day, Constitution Day, Legal Literacy Day are an institutional practices of the Department of Law from its inception.

Celebrated constitutional Day on 26/11/2014 by organising a special talk on social media and democracy.

Celebrated Human Rights Day on 10/12/2014 by showing the screening of a documentary on Malala Yousafzai speech in UN and other short Clippings to make people aware about human rights.

#### **48. Give Details of “Beyond Syllabus Scholarly Activities” of the Department:**

Department of law organized a **Mega Lok Adalat** at District Court Complex, Narnaul in collaboration with HALSA in 2012, wherein students from the Dept. of Law participated in the capacity of members of *Lok Adalat*. We have **conducted a survey** over the litigants by making them filled specially devised questionnaire; we have conducted **their interviews**. Two judges of the Punjab & Haryana High Court were invited as guests for the occasion. We had organized a **grand exhibition** on the theme “Inclusive Judicial Process” and the main focus of attraction on the occasion had been the enactment of **Play “Jakran mein Nyaya”** by the CUH students.

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- Aao Milkar Karein Nyaya ke Swappan Ko Sakaar
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Dr. Pardeep Singh, faculty, Dept. of Law prepared a compendium having Public-utility forms to be used by common man. Copy of the same handed over to Punjab & Haryana High Court. This has also been published on large scale by it for the common man and has been circulated in each and every Legal Aid Clinic at villages of Haryana State.

Just as an outcome of National Workshop on RTE and after travelling a journey from Narnaul to Delhi—A journey for Change (an initiative taken by founder VC) a Book got published through a well-known publisher edited by Prof. (Dr.) Moolchand Sharma.

In 2013, in order to make the students learn ‘the research’ Students of LL.M assigned the task of conducting a **Socio-Legal survey of 5 villages of District Mahendergarh** for knowing their legal literacy level.

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**Legal awareness Programmes, Celebration of Human Rights Day, Constitution Day, Legal Literacy Day are an institutional practices of the Department of Law from its inception.**

CUH Legal Aid Clinic (2015)

On September 23rd 2015

- CUH Legal Aid Clinic and Deptt. Of law organised special lecture by Hon’ble Lokayukta Haryana, Mr. Justice Pritam Pal, on the “The Institution of Lokayukta: An Imperative for Good Governance”
- Also a beautiful exhibition on the theme “Towards Inclusive Justice” displayed by our student volunteers.
- Also students volunteers presents a beautiful skit “Susaashan aur Sugam Nyay Ki Aur” to make people aware about the right to free legal aid and various other rights
- Also Organised 2<sup>nd</sup> On – Campus Aadhar Card Registration Camp to help the CUH fraternity and nearby village people to get themselves register and correct their cards and helped people.
- On this very occasion the journey of CUH Legal Aid Clinic so far has also been released under the

title “**Aanals** CUH Legal Aid Clinic 2015” in the hands of Hon’ble Lokayukta Haryana, Mr. Justice Pritam Pal, along with Venerated Vice- Chancellor CUH Prof. R.C. Kuhad , Worthy Registrar CUH and Dr. Pardeep Singh, Incharge Deptt. Of Law.

Dr. Pardeep Singh, faculty, Law Dept. is contributing in the initiative of the University for UGC NET Coaching and Communication Skill Classes.

The department conducts Communication Skill classes to the students free of cost.

**49. State whether the Programme/ Department is accredited/graded by other agencies? If yes, give details.**

The department is in the process of the first cycle of NAAC accreditation.

**50. Briefly Highlight the Contributions of the Department in Generating New Knowledge, Basic or Applied:**

- i. Department of Law actively engaged/participated in organizing a National Seminar ‘Inclusive Democracy: People, Power & Progress’ organized by Central University of Haryana, May 2012 at our temporary campus at Narnaul.
- ii. Deptt. of Law actively participated in the then institutional **Month-long academic Programme/Celebration for creating and sharing knowledge**—an initiative of the University wherein we used to organize **Seminar, Colloquium, Symposia, Round Table discussion, Debate, Panel Discussion on contemporary topic, students debate/discussion** for a month long tenure.
- iii. In National Workshop on RTE wherein eminent Scientists/ Prof. Yash pal, Lady Justice Leila Seth were invited as key speakers, Department of Law actively participated in the workshop. Two faculty members contributed in the Book titled “RTE— An Imperative for Progress” edited by Prof. Sharma.
- iv. Celebration of Constitution Day, Human Rights Day etc. has been an institutional Academic practice in the Dept. of Law.
- v. On Sept. 23<sup>rd</sup>, 2015 CUH Legal Aid Clinic and Deptt. Organised a series of events including Special Lecture on the “institution of Lokayukta: An Imperative for Good Governance by Hon’ble Lokayukta Haryana Mr. Justice Pritam Pal also Aadhar registration camp has been organised.
- vi. A national workshop on human rights has got approval of financial assistance from National Human Rights Commission, and
- vii. Dr. Pardeep Singh, Faculty of the department visited other Universities/Colleges as Resource Persons, Chair/Co-Chair and Keynote Speaker in National, International seminars and conferences at various places.
  - Key Note Speaker and Chaired a Technical Sessions in the International Seminar on “Sustainable Development in 21<sup>st</sup> Century: A Glocal Perspective”, at Ch. Ranbir Singh University, Jind, March 19-21, 2015.
  - Co-Chaired one Technical Session in the National Seminar on “Human Rights: Trends and Issues in Contemporary World” 18th November, 2014, Institute of Law, Kurukshetra University, Kurukshetra,
- viii. Faculty of the department has been contributing in sensitisation and awareness programmes launched by the University under Community Development and Unnat Bharat Abhiyan.

## **51. Detail Five Major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:**

### **Strength**

- i. Faculty with diverse areas of teaching and research interests
- ii. Vast avenues for socio-legal research
- iii. Students from diverse ethnic background
- iv. Encouraging students' progression in higher education
- v. Multidisciplinary research focus

### **Weakness**

- i. Lack of Senior Faculty Members
- ii. Facing problems on the front of separate Library related facility due to infrastructural constraints
- iii. Research Output could be more enriched.
- iv. Infrastructural Constraints
- v. More Academic Discourse could have been initiated in the recent past

### **Opportunities**

- i. Immense potential and scope to develop expertise
- ii. Under the umbrella of Central University, Department of Law is having a platform to become a centre of Excellence in the legal field.
- iii. Locational advantages for pursuing untouched socio-legal research/ arena
- iv. Easy access to Administration under our visionary leadership can definitely lead us to realize the well devised goals, objectives, vision & Mission of CUH.
- v. Being the only Legal Institution in the state of Haryana under the aegis of Central Govt. gives us an opportunity to contribute towards addressing the existing socio-legal problems of neighborhood inhabitants through academic discourse/deliberation etc.

### **Challenges**

- i. Maintaining the competitive environment in the department with the students coming from diverse linguistic and regional backgrounds
- ii. To overpower the locational disadvantage for attaining global competence

## **52. Future Plans of the Department:**

- To Introduce new UG and Research level Programmes after having a sound deliberation of experts on nomenclature, pedagogy, social objective and other related issues.
- To go for Collaboration with established legal institutions for creating and sharing new knowledge.
- Internship Programmes by the students at the legal institutions like NHRC, Law Commission, and National Commission for Women etc. may be chalked out.
- Department is planning to organize a Workshop on Human Rights in the near future for which proposal has been sent to NHRC for sponsorship and the same got approval by NHRC.
- Establishment of well-furnished Moot Court for the students.
- Establishment of Separate Chairs and Research Centres to pursue new research on various untouched, contemporary and crucial subjects.

## Faculty-wise Inputs Department of Law

### 1. Dr. Pardeep Singh

#### Peer Review Journals (International)

15. Pardeep Singh, "Alternative Dispute Resolution (ADR) System in India: Problems and Prospects" *JNSS-An International Research Journal*, June, 2013. ISSN No. 2320-8767.
16. Pardeep Singh, "A Journey from *Takrar to Karar* on the Wheels of ADR (3 R's) in India: Promises and Perils," *ICA Arbitration Quarterly*—July-September, 2013.
17. Pardeep Singh, "Violence against Women in India: Position, Promises and Perils," An International Multidisciplinary Refereed Research *Journal of Central University of Haryana*, Vol-1 No. 1 March 2014, ISSN No.2348-3377
18. Pardeep Singh, "Access to Justice for all through Alternative Dispute Resolution: Need of Hour," *ICA Arbitration Quarterly*— Vol. 183, Oct. - December, 2014.
19. Pardeep Singh, "Realizing 'Access to Justice for all' through Alternative Dispute Resolution: An Imperative for Social, Economic & Political Justice," *NLUA Law & Policy Review*, July, 2015.

#### Peer Review Journals (National)

1. Pardeep Singh, "National Green Tribunal: Towards Realizing Access to Environmental Justice in India," *The Law*, August, 2015 (ISSN: 2319-3735)
2. Pardeep Singh, "*Takrar Se Karar: Vaikalpik Vivad Niptara*" *Jeevan-Mulya Sanrakshan News*, May, 2013, R.N.I No. DELHIN/2008/26183
3. Pardeep Singh, "Access to Justice for all through A.D.R.: A Futuristic Perspective" *The Law*, October, 2015 (ISSN: 2319-3735)

#### Conference Proceedings:

1. Pardeep Singh, "Inclusive Democracy: Challenge of Access to Justice" in the Volume Book, *Inclusive Democracy: People, Power & Progress* published by Central University of Haryana, May 2012.
2. Pardeep Singh, "Women and Property Rights with special reference to her Coparcenary Rights before and after Hindu Succession (Amendment) Act, 2005: A Progressive Journey" in the study material published by the University in Workshop on "Addressing Discrimination Against Women: Walk the Talk" (May 18-20, 2011)
3. Pardeep Singh, "Women as Minority and the agenda of Inclusive Growth in India" in an International Seminar on "Minorities Entrepreneurship and Empowerment" organized by Department of History, Kurukshetra University, Kurukshetra. (March 23–25, 2012)

#### Book Published

##### I. With ISBN No.:

##### II. Chapters in Books:

1. Pardeep Singh et. al. "Historical Background and Implementation of RTE Act, 2009" in **Dr. Mool Chand Sharma. (ed.) Right to Education—Imperative for Change, Universal Law Pub. Co., 2012. ISBN No. 978-93-5035-298-4**
2. Pardeep Singh, "Statistical Challenges in Policy Making and Law in India," Dr. Tiwari et. al. (ed.) *Application and Role of Statistics in Multidisciplinary Research*, K.K. Publication, New Delhi, 2014. [ISBN NO. 978817844]



3. Pardeep Singh “Addressing Socio-Legal Problems Concerning Women: An Imperative for Inclusive Growth” U P Sinha (ed.) *Exploring the Engagement and Empowerment of Women: Multidisciplinary Perspectives*, Concept Publication, New Delhi, 2015.[ISBN NO. 978935125160]
4. Pardeep Singh, “Demographic Dividend *viz-a-viz* Confounding existence of women in India: Socio-Legal Perspective” in Karan Singh et. al. (ed.) *Interrogating Gender: Politics of Culture*. Creative Books, New Delhi, 2015. (ISBN: 9788180430000)

**Monograph:**

1. “Pardeep Singh, “Amicable Settlement of Disputes: A Journey from Takrar to Karar via Indian Judicial System” in Monograph, Legal Aid: Inclusive Judicial Process, Released by Mr. Justice S.K. Mittal, Judge, Punjab & Haryana High Court cum Executive Chairperson, HALSA, published by Central University of Haryana, Feb., 2012.
2. Pardeep Singh, Annals—CUH Legal Aid Clinic, CUH, 2015

**Chaired the Session:**

**Co-Chaired the Session:**

- Co-Chaired a Technical Session “Human Rights and Terrorism” in National Seminar on “Human Rights: Trends and Issues in Contemporary World” organized by the Institute of Law, Kurukshetra University, Kurukshetra on dt. 18-11-2014.
- Co-chaired two technical Sessions on 21<sup>st</sup> March, 2015 in the International Seminar on Sustainable Development in 21<sup>st</sup> Century: A Glocal Perspective, organized by CRS University, Jind, Haryana on dated 19-21 March, 2015.

**Resource Person:**

- Participated as a resource person in a technical session “Social Integration through Education, Affirmative Approach to Enrolment and other related issues” in a National level Consultative Workshop: Towards designing a Road Map- Implementation of RTE Act, 2009 (June 21, 2012). Eminent Scientist Prof Yash Pal and Lady Justice (Mrs.) Leila Seth happened to be the Chief Guest in this Workshop.
- As a key note speaker presented a paper, “Law and Economics of Climate Change: Carbon Finance and Emission Regulation” in the International Seminar on Sustainable Development in 21<sup>st</sup> Century: A Glocal Perspective, organized by CRS University, Jind, Haryana on dated 19-21 March, 2015.
- Panelist in the Panel Discussion on, *Empowerment, Ethics, Values and Education*’ which was published as ‘Ethics and Values in Education’ in the booklet in Orientation Programme (Joining the Sojourn) on dated August 8-10, 2011.
- Panelist in One Panel Discussion on the theme “Skills and Proficiency Development,” In Orientation Programme (Joining the Sojourn) on dated August 8-10, 2011
- Participated as a discussant in Book reading initiated by Dr. Bir Singh, CUH on *Postcolonial Ecocriticism*’ authored by Graham Huggan & Helen Tiffin organized by Book Reading Club of CUH on dated Nov. 9, 2011
- Participated as a resource person and reflected on ‘Missing Childhood: Role of Legal Policies’ in Colloquium on Missing Childhood: Social, economic, political and legal dimensions on dated Nov.14, 2011 at CUH temp. Campus at Narnaul.
- Panelist in the Panel Discussion on ‘Relevancy of Indian Constitution’ with topic ‘How basic is our basic structure?’ on the eve of Constitution Day, Nov.26, 2011.
- Reflected on the Panel Discussion of students on ‘Social and Economic Exclusion: violation of

Human Rights' on Human Rights day on dated Dec.10, 2011.

- Delivered a talk on 'Provisions related to language under Indian Constitution' in a technical session of book reading on '*Language and the Constitution: the halfhearted compromise*' by Granville Austin in the book 'Language and Politics in India (ed.) by Asha Sarangi' on dated March19, 2012.
- Participated as resource person in "*Institutions of Democracy: Thriving V/S Throttle*" of India Positive : A Big Debate (Fact v/s Fantasy) on dated Oct. 31, 2012 organized in 2<sup>nd</sup> Annual One-Month Partnership in Creating and Sharing Knowledge—An initiative of CUH (Oct. 22-Nov. 22, 2012)
- Organized and participated in a dialogue for "Devising Roadmap by building Partnership with the Colleges and Schools of the vicinity of the University," A University initiative for a Roadmap for Education Today and Tomorrow: Challenges and Opportunity for Mahendergarh District" Nov.8, 2012.
- Organized in the capacity of Organizing Committee Member a School-level and a College-level debate on title "*Mehtwakankshi Hona Vikash ke Liye Aavashyak Hai*" for School students and for college students of neighbourhood educational institution respectively on dated Nov. 19, 2012 and Nov. 20, 2012.
- Reflected on a Panel Discussion of Students on 'Electoral Reforms in India,' on dated 20-11-2014.
- Participated as a discussant in Book reading session of Book "Palace of Illussion" by Chitra Banerjee Divakaruni, initiated by Dr. Bir Singh organized by Book Reading Club in Second Annual One-Month Partnership Programme for Creating and Sharing Knowledge (Oct. 22-Nov. 22, 2012)
- Participated as a resource person on "Legal and Regulatory Framework of Free Speech in India" in Symposium on Free Speech' in Second Annual One-Month Partnership in Creating and Sharing Knowledge (Oct. 22-Nov. 22, 2012).
- Participated as a resource person on "Relevance of Indian Constitution in the Changing Times," on the eve of Constitution Day Celebration, Nov. 26, 2012.
- Participated as a Panelist in a Panel Discussion on "5 Ts of Modi—Socio, Economic and Political Dimensions," in the Orientation Programme of the University on dated August 8, 2014.

#### **Dr. Anju**

##### **Peer Review Journals (National)**

1. Freedom of press vis-à-vis responsible journalism, some disturbing trends: need for balancing in indian streams research journal today, V. 3, Issue 11, Dec. 2013, p. no.- 1-8
2. Increasing Crime Against Women : Judicial Response Through Some Path breaking Judgments in *YUGSHILPI*, V.4, Dec.2013
3. Anju, "country without women : female infanticide and declining sex ratio," *INDIAN JOURNAL OF SOCIAL CONCERNS*, V.3, May to Oct. 2013, 2231-5837
4. Anju, "Judicial Activism – Need of Hour: Requirement of Checks and Balances," *THE LEX-WARRIER* , E-journal, Nov. 2013, 2319 – 8338
5. Anju, "Cost Of Women Pride," *YUGSHILPI*, V.3, May to Oct. 2013, 0975-4644

#### **Dr. Samiksha Godara**

##### **Peer Review Journals (National)**



6. Published a research paper titled “*Role of Intermediaries in Cyber World: A Comparative Study of the Legislative Policies & Recent Judicial Trends*” in the international refereed research journal for Law ‘Justice’, Issue 2-4, April-Dec. 2013, pp. 8-15. [ISSN: 2320-1665]
7. Published a research paper titled “*Indecent Representation of Women in Media: Legislative & Judicial Response*” in the research quarterly law journal ‘Mahila Vidhi Bharti’, Issue-77, Oct-Dec. 2013, pp. 255-260. [ISSN: 0976-0024]
8. Published a research paper titled “*Khap Panchayts: Role & Relevance in the Present Scenario*” in the international refereed journal ‘Yugshilpi’, Issue-16, Sep. 2013 – Feb. 2014, pp. 289-297. [ISSN: 0975-4644]
9. Published a research paper titled “*Sexual Harassment of Women at Workplace: Legislative Response*” in the international refereed research journal ‘Chintan’, Issue-13, Jan.-Mar. 2014, pp. 281-290. [ISSN: 2229-7227]
10. Published a research paper titled “*Cyber Stalking: Are You Being Tracked Online?*” in the ‘Indian Socio-Legal Journal’, Vol. XLI, Nos. 1& 2, 2015, pp. 83-88 published by Indian Institute of Comparative Law, Jaipur, Rajasthan, India. [ISSN: 0970-7972]

**Sh Rakesh Kumar Meena, Assistant Professor, Department of Law**

Participated in A Course on Sociology of Labour and Globalisation” Organized by V.V.Giri National Institute of Labour, Noida, Delhi from 8<sup>th</sup> June to 19<sup>th</sup> June, 2015.

## Department of Library and Information Science

**1. Name of the Department:** Library and Information Science

**2. Year of establishment:** 2014

**3. Is the Department part of a School/Faculty of the university?**

Yes, The Department is part of School of Computer Science and Informatics, Central University of Haryana

**4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

Master of Library and Information Science (MLIS), 2 years Integrated Masters Degree Programme

**5. Interdisciplinary programmes and departments involved**

Yes, students of the department opt the courses from Hindi, Political Science, Computer Sciences to fulfil the criteria and most of the research topics in MLIS are of inter/multidisciplinary nature. Some of the inter/ multidisciplinary topics of MLIS pursued by the Students are as under:

Sr. No.	Name of Student	Roll No.	Session	Topic of Research	Inter-disciplinary/ Multidisciplinary Focus	Supervisor
1.	Babu Lal Harijan	5562	2014 - 2015	An Analytic Study of University Library Building of Rajasthan	Engineering	Dr. Narender Kumar
2.	Chander Kiran	5563	2014 - 2015	Reading Habits of College Students: A Case Study of R.D.S. Public Girls College, Rewari (Haryana)	Education	Dr. Narender Kumar
3.	Kalpana Sharma	5564	2014 - 2015	A Bibliometric Analysis of Management Literature Cited in Doctoral Dissertations Accepted by the Guru Jambheshwar University of Science and Technology, Hisar	Management	Dr. Narender Kumar
4.	Karuna Sharma	5565	2014 - 2015	LIS Education in India with Special Reference to UP, Haryana and Punjab: An Evaluative Study	Education	Dr. Narender Kumar
5.	Leela Dhar	5566	2014 -	Information Seeking Behaviour of	Psychology	Dr. Narender

	Joshi		2015	Engineering Students in Engineering Colleges of Haryana: A User Survey		Kumar
6.	Mahesh Kumar Saini	5567	2014 - 2015	Information Seeking Behaviour of Legal Practitioner of Jhunjhunu District Court ( Rajasthan): A Case Study	Psychology	Dr. Pawan Kumar Saini
7.	Mota Ram	5568	2014 - 2015	A Bibliometric Analysis of Management Literature Cited in Doctoral Dissertations Accepted by the Guru Nanak Dev University, Amritsar	Management	Dr. Pawan Kumar Saini
8.	Mahesh Kumar	5569	2014 - 2015	Use of Library Service in the Rajdahani Institute of Technology and Management, Jaipur (Rajasthan): An Evaluative Study	Information Technology	Dr. Narender Kumar
9.	Manita Devi	5570	2014 - 2015	Use of E-Resources by PG Students in Management and Technology Libraries : A Case Study of RPSCET, Mahendergarh (Haryana)	Information Technology	Dr. Narender Kumar
10.	Pawan Kumar Sharma	5571	2014 - 2015	Application and Use of Information Technology in Science and Technology Libraries OF Haryana: An Analytical Study	Information Technology	Dr. Narender Kumar
11.	Ramawatar Tanwar	5572	2014 - 2015	Information Literacy Skills of Faculty and Students of Government Polytechnic Colleges in Haryana	Information Literacy	Dr. Narender Kumar
12.	Ramakant Daiya	5573	2014 - 2015	Human Resource Development in University Library of	Human Resource Development	Dr. Narender Kumar

				Varanasi (Banaras Hindu University, Mahatama Ghandhi Kashi Vidyapith and Sampurnanad Sanskrit Vishwavidyalya): A Comparative Study		
13.	Rakesh Kumar Gadwal	5574	2014 - 2015	User Attitudes and Approaches towards E-Resources and Services In The Mohan Lal Sukhadia University, Udaipur: A Study	Psychology	Dr. Pawan Kumar Saini
14.	Suresh Kumar Gujjar	5575	2014 - 2015	Impact of IT Applications on Users Services in University Libraries in Haryana and Rajasthan,	Information Technology	Dr. Pawan Kumar Saini
15.	Sunita Kumari	5576	2014 - 2015	Citation Analysis of Management Doctoral Dissertation Submitted to the Kurkshetra University , Kurkshetra	Management	Dr. Narender Kumar
16.	Satya Veer	5578	2014 - 2015	Use of E-Resources by Chemists and Physicists in the Rajasthan University, Jaipur: An Analytical Study	Science	Dr. Pawan Kumar Saini
17.	Shushil Kumar Berwal	5579	2014 - 2015	Use of Library Software Packages: A Survey of Engineering College Libraries in Rajasthan	Information Technology	Dr. Pawan Kumar Saini

**6. Courses in collaboration with other universities, industries, foreign institutions, etc.**

Not Yet

**7. Details of programmes discontinued, if any, with reasons**

Yes, (MLIS, 1 Year programme)

**Reason:** As per UGC guidelines, MLIS 2 year's integrated programme was started

**8. Examination System: Annual/Semester/Trimester/Choice Based Credit System**

Choice Based Credit System in Semester Mode

**9. Participation of the department in the courses offered by other departments**

Yes, as per Choice Based Credit System in Semester Mode

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	00	00
Associate Professors	02	00	00
Asst. Professors	04	03	1 Deputation 2 Contractual
Others	00	00	00

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided for the last 4 years
Dr. Narender Kumar	M.A. (Pub. Adm.), MLISc, M.Phil, Ph.D., NET, PGDCA	Assistant Professor	Bibliometrics, ICT, User Studies and Classification/Cataloguing	26 ( 25 Professional experience +1 Teaching)	NA
Dr. Pawan Saini	Ph.D, M. Phil, MLISc and PGDCA	Assistant Professor	Library Automation and Digital Library, ISB and Citation Analysis	12 (11 Professional +1 Teaching)	1
Mr. Dalip Singh	MA (English), MLISc, NET, PGDLAN	Assistant Professor	ICT and Technical Communication	9 (Professional )	NA

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

- Dr. Satish Kumar Malik, HOD Library and Information Science, MDU, Rohtak
- Dr Jaideep Sharma, HOD, Library and Information Science, IGNOU

**13. Percentage of classes taken by temporary faculty – programme-wise information**

MLIS: 70% classes are being taken by temporary faculty.

**14. Programme-wise Student Teacher Ratio**

MLIS: 5: 1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Department is in initial stage. However, the Department is in process of recruiting technical and administrative staff.

**16. Research thrust areas as recognized by major funding agencies**

Nil

**17. Number of faculty with ongoing projects from**

<b>National</b>	Nil
<b>International funding agencies and</b>	Nil
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	Nil

**18. Inter-institutional collaborative projects and associated grants received**

<b>National collaboration</b>	Nil
<b>International collaboration</b>	Nil

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Nil

**20. Research facility / centre with**

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

**21. Special research laboratories sponsored by / created by industry or corporate bodies**

Nil

**22. Publications:**

<b>Number of papers published in peer reviewed journals (national / international)</b>	13
<b>Monographs</b>	00
<b>Chapters in Books *</b>	03
<b>Edited Books</b>	00
<b>Books with ISBN with details of publishers</b>	04
<b>Number listed in International Database (For e.g. Web of Science, Scopus,</b>	00

Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	
Citation Index – range / average	00
SNIP	00
SJR	00
Impact Factor – range / average	00
h-index	00

\*Details are attached in Annexure 1

### 23. Details of patents and income generated

Nil

### 24. Areas of consultancy and income generated

The department shall take necessary measures in consultation with corporates and industries in future.

### 25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad

Nil

### 26. Faculty serving in

National committees	Nil
International committees	Nil
Editorial Boards	Nil
Any other (please specify)	<p><b>Dr. Narender Kumar</b></p> <ul style="list-style-type: none"> <li>• Secretary of Library Committee, CUH</li> <li>• UGC Coordinator for Plagiarism check, CUH</li> <li>• In-charge University Library, CUH</li> </ul>

### 27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

None

#### Dr. Narender Kumar, Assistant Professor

- i. Workshop on "Open Source Solution for Academic Libraries". held at IGN College, Ladwa, February 19-20, 2011.
- ii. Workshop on "Research Methodology and Data Analysis Using SPSS" Held at Central University of Haryana, April 15 -20, 2015

### 28. Student projects

Percentage of students who have done in-house projects including	Nil
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inter-departmental projects	
Percentage of students doing projects in collaboration with other universities industry / institute	Nil

**29. Awards / recognitions received at the national and international level by**

Faculty	Mr. Dalip Singh is awarded as <b>Best Paper Award</b> in an International Conference 'I-KOAL 2015' held at Manipal University, Jaipur, JANUARY 2-3, 2015
Doctoral / post doctoral fellows	Nil
Students	Nil

**30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.**

Faculty is preparing proposals and will send to funding agencies for approval.

**31. Code of ethics for research followed by the departments**

Yes, Department is following the code of ethics according to norms of the University.

**32. Student profile programme-wise:**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>Session 2014-15</b>					
MLIS 2014-2015)	20	12	7	91%	71%
<b>Session 2015-16</b>					
MLIS 2015-2017)	48	9	7	56.2%	43.7%

**33. Diversity of students**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2014-15</b>				
MLIS 2014-2015)	0%	10.5%	89.5%	0%
<b>Session 2015-16</b>				
MLIS 2015-2017)	0%	93.75%	6.25%	0%

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**



<b>General</b>	Nil
<b>OBC</b>	Nil
<b>SC</b>	Nil
<b>ST</b>	Nil
<b>Total</b>	Nil

**35. Student Progression**

<b>Student Progression</b>	<b>Percentage against enrolled</b>
<b>UG to PG</b>	Nil
<b>PG to M.Phil.</b>	Nil
<b>PG to Ph.D.</b>	Nil
<b>Ph.D. to Post-Doctoral</b>	Nil
<b>Employed</b>	Nil
<ul style="list-style-type: none"> <li>• <b>Campus selection</b></li> <li>• <b>Other than campus recruitment</b></li> </ul>	80%
<b>Entrepreneurs</b>	Nil

**36. Diversity of Staff**

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	0%
<b>from other universities within the State</b>	66%
<b>From universities from other States</b>	33.3%
<b>From universities outside the country</b>	0%

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

Nil

**38. Present details of departmental infrastructural facilities with regard to**

<b>Library</b>	Nil
<b>Internet facilities for staff and students</b>	Yes
<b>Total number of class rooms</b>	02
<b>Class rooms with ICT facility</b>	Nil
<b>Students' laboratories</b>	Nil
<b>Research laboratories</b>	Nil

**39. List of doctoral, post-doctoral students and Research Associates**

From the host institution/university	Nil
From other institutions/universities	Nil

**40. Number of post graduate students getting financial assistance from the university.**

Nil

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, Need assessment was done before starting two years integrated programme. This included interactions with stake holders, suggestions from internal and external experts. And on basis of recommendations made by CDC, 2001, UGC committee

**42. Does the department obtain feedback from**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, the department adopts a mechanism to obtain feedback from faculty on curriculum as well as teaching learning evaluation through discussions and departmental committee meetings. This is utilised in developing the curriculum to make the student ready for employment.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, the department adopts a mechanism to obtain feedback from students and staff on curriculum and teaching-learning
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Yes, the department adopts a mechanism to obtain feedback from Alumni on the programmes offered

**43. List the distinguished alumni of the department (maximum 10)**

- i. Chander Kiran Chahar, Librarian, RDS Sr. Secondary School Rewari, Haryana
- ii. Sushil Kumar Berwal, Librarian, Smt.Ramkumari P.G.Mahila Mahavidyalaya Mukundgarh-Mandi (Jhunjhunu) Rajasthan
- iii. Rakesh Kumar Gadwal, Asst. Librarian, Smt.Ramkumari P.G.Mahila Mahavidyalaya Mukundgarh-Mandi (Jhunjhunu) Rajasthan
- iv. Mahesh Kumar Saini, Librarian, SS Modi CBSE School Jhunjhunu, Rajasthan
- v. Satyaveer, Lecturer, Sambal College of Education Sikar, Rajasthan

**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Department organised expert lectures to update knowledge of students on regular basis.

**45. List the teaching methods adopted by the faculty for different programmes.**

- Lecture
- Tutorials
- Practical
- Seminars

- Power Point Presentations
- Assignment

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

The department monitors the progress of every student via various assignments, discussions, seminars, presentations and written tests with proper evaluation and feedback at regular intervals to assess learning outcome of students.

**47. Highlight the participation of students and faculty in extension activities.**

- Educational Tour of Leading National LICs
- Workshops/Seminars/Conferences
- Quiz competition
- Red Cross Society
- NSS Camps

**48. Give details of “beyond syllabus scholarly activities” of the department.**

- Extension lectures by eminent Professors from time to time.
- Training on LIS Open Source and Freeware Software
- Internship programme during vacation.
- Presentations on various topics in groups etc.

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

The Department is in process of first cycle of NAAC Accreditation

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

The Department of Library and Information Science offers a two-year full time Master of Library and Information Science (MLIS) under Choice based Credit System with a blend of theoretical and practical inputs. The course curricula offers subjects not only for teaching and training to the students, but also encourage them to undertake activity based learning events, innovative dissertation work in various niche areas of Library and Information science. This is further supplemented by Six months internship in Library.

Moreover, the department is also contributing in performing the ‘Plagiarism’ check and building competency in ‘Technical Communication’ and ‘Information Literacy’.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strength**

- Faculty with diverse area of teaching and research interest
- Equipped with versatile teaching faculty.
- Student from various ethnic background
- Conducive environment and constant support from University authorities.
- Self-study courses to promote interest of the students in the areas of their choice

**Weakness**

- Lack of Proper infrastructure facilities

- ii. Lack of faculty at the senior level
- iii. Lack of supporting staff
- iv. Lack of departmental computer lab for students
- v. Lack of collaboration with any other university

### **Opportunities**

- i. Students from different cultural and educational backgrounds
- ii. Campus placement for students
- iii. Interaction of students with national level information scientists

### **Challenges**

- i. To ensure good placement of the students.
- ii. To attract students from all over India and foreign countries to generate diversity in this rural location.
- iii. Recruitment of senior faculty members in department
- iv. All round development of the students.

### **52. Future plans of the department.**

- Diploma in Library and Information Science (DLIS, 1Year)
- Bachelor of Library and Information Science (BLIS, 1 Year)
- Post Graduate Diploma in Library Automation and Networking (PGDLAN)
- M. Sc. in Special Librarianship
- M. Phil
- Ph. D.

## Annexure 1

### Department of Library and Information Science

**Dr. Narender Kumar**

#### Papers in Journals

1. Obsolescence of political science literature cited in the doctoral dissertations of Kurukshetra University. Journal of Advances and Scholarly Researches in Allied Education, Vol. 4(8), October, 2012.
2. Authorship pattern in history literature cited in doctoral dissertations accepted by Kurukshetra University and Panjab University: An analysis. Journal of Advances and Scholarly Researches in Allied Education, Vol. 5(9), January, 2013.
3. Application of Bradford's law to citation data of history doctoral dissertations accepted by Kurukshetra University: An analytical approach. Journal of Advances and Scholarly Researches in Allied Education, Vol. 5(10), April, 2013.
4. A survey of information literacy skills of faculty and students of Government and Government Aided Polytechnic Institutions in Haryana. Journal of Advances and Scholarly Researches in Allied Education, Vol. 6(11), July, 2013.
5. Use of library resources and services: A case study of KVA DAV College for Women Library, Karnal (Haryana). Journal of Advances and Scholarly Researches in Allied Education, Vol. 6(12), October-2013.

#### Chapters in Book

1. Intellectual Property Rights in Digital Environment. In Managing Libraries in Information technology Era. Edited by Rupesh Gaur. pp 157-163.
2. Managing Digital Libraries and Challenges. In Managing Libraries in Information technology Era. Edited by Rupesh Gaur. pp 207-216.
3. Status of Library and Information Science Education in India with Special Reference to Haryana. In Changing Scenario of Library and Information Science Education in India. Edited by R. K. Sharma. pp 379-392

#### Edited Books

1. Library and Information Science: An Overview, Nirmal Publication, ISBN – 978-81-86400-302-8
2. Library and Information Science: UGC NET/SET, Divyam Prakashan, ISBN- 978-93-82658-45-0
3. School Library Organization and Management, Nirmal Publications, ISBN- 978-81-86400-305-2

**Dr. Pawan Kumar Saini**

9. [Growth and Development of Open Access Movement: An Evaluation](#), International Journal of Information Technology and Library Science (IJITLS)2349-235XVolume 3 Number 1 (2014)
10. Application of Scientometric Analysis in Library Network: A Comprehensive Study, International Journal of Emerging Research in Management &Technology ISSN: 2278-9359 (Volume-3, Issue-9) September, 2014
11. User Satisfaction of the Students of Engineering College: a Case Study of Engineering College Libraries of Jaipur, Rajasthan, International Journal of Emerging Research in Management &Technology ISSN: 2278-9359 (Volume-3, Issue-9) September, 2014

12. A Review on Cloud Computing in Library Services, International Journal of Multidisciplinary Educational Research, Volume 3, Issue 2(2), May 2014
13. Search Engine Optimization Using Query Parsing, International Journal of Multidisciplinary Educational Research, Volume 3, Issue 2(2), February 2014
14. Paper presented titled "Knowledge Management in Digital Libraries" at National Conference on Contemporary Social Issues: Media and libraries held, on 05 March 2012, at Jiwaji University, Gwalior.
15. Information need and Information Seeking Behaviour of Research scholar in Commerce and Business management in University of Rajasthan : A Survey , SAARC Conference for Library & Information Professionals on Trends and Development in Library and information science at BIMTECH, 01 and 02 December, 2012, at Greater Nodia.
16. A study on information seeking behavior of teachers of Commerce and Business Management in Universities with special reference to Rajasthan, International Journal of Library and Information Systems, Vol. 2, Issue 2, April –June 2012.

**Mr Dalip Singh**

3. Information Needs of Differently Abled - New Challenge for LIS Professional. I-KOAL 2015, January 2015.
4. Total Quality Management in Academic Library, NCITE-15, August 2015.

## Department of Management Studies

1. **Name of the Department :** Management Studies

2. **Year of establishment :** 2010

3. **Is the Department part of a School/Faculty of the university? :**

Yes. The Department is part of School of Law, Governance, Public Policy and Management.

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D.Litt., etc.) :**

- PG– MBA (Since 2010)
- Research – Ph.D. in Management (Since 2011)

5. **Interdisciplinary programmes and departments involved :**

Management discipline imbibes multidisciplinary in nature. Curriculum is designed in such a way that it draws upon Economics, Accounting, Commerce, Psychology, Mathematics, Statistics etc.

Department is in the process of launching following programs of inter/multi-disciplinary nature which are related to disciplines such as Law, Commerce, Hotel Management and Tourism etc.

- Certificate/Diploma Course in Cooperative Management in collaboration with NCUI
- Bachelor of Vocational Course in Retail and Logistic Management

Some of the Research Scholars (PhD) are working on topics which are of multi - disciplinary research. Few of them are given below:

Sr. No.	Name	Roll No.	Session	Topic	Inter-disciplinary/ Multidisciplinary Focus	Supervisor
1.	Geeta Rani	5043	2014-15	Impact of Social Marketing Initiatives on Female Foeticide: A Case Study of Select Districts of Haryana	Women Studies and Social Marketing	Dr. Ajai Pal Sharma
2.	Priya	5045	2014-15	Impact of Micro-Financing Initiatives of SHG on Women Empowerment	Women Empowerment and finance	Dr. Sunita Tanwar

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

The Department has taken initiative to start Certificate Course in Cooperative Management in collaboration with NCUI (National Cooperatives Union of India), New Delhi.

7. **Details of programmes discontinued, if any, with reasons : NIL**

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System :**

Department follows semester system based on Choice based credit system (CBCS)

**9. Participation of the department in the courses offered by other departments :**

All students are required to earn six credits from elective courses offered by other departments enabling them to award the degree. Students opted courses from Commerce, Economics and Education Department in the previous years.

Some of the courses taken by students are as follows;

1. International Business from Commerce Department
2. Educational Administration from Education Department
3. Higher Education in India from Education Department
4. Indian Economy from Economics Department

Faculty from the Department of Management Studies have taught courses in the Department of Commerce in the year 2012-13 to support the department in initial stage.

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Assistant Professors</b>	04	04	04

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr Anand Sharma	MBA, Ph.D	Associate Professor (On Contract)	Finance	16	Ph D – 01 (Submitted) Ph D -04 (Pursuing)
Dr Sunita Tanwar	MBA, Ph D	Assistant Professor	HRM	12	M Phil – 01 (Awarded) Ph D - 06 (Awarded) Ph D -04 (Pursuing)
Dr. Ajai Pal	MA, MBA, NET, PhD	Assistant Professor	Marketing	7	Ph.D.-04 (Pursuing)



Sharma					
Dr. Ajay Kumar	MBA, NET, PhD	Assistant Professor	Marketing	4	--
Ms. Divya	MBA, NET, Ph D (Pursuing)	Assistant Professor	HRM	2	--

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :**

Recently AC and EC have approved hiring of senior professors as adjunct faculty. Afterwards process of hiring of Senior Professors is in progress and soon the department will have senior faculty members.

**13. Percentage of classes taken by temporary faculty – programme-wise information**

**MBA – 20%**

**14. Programme-wise Student Teacher Ratio :**

- MBA -12:1
- Ph.D.-4: 1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :**

Presently the department doesn't have any support staff and take from university central pool whenever needed. University is in process of recruiting the required support staff and soon the department will have its dedicated support staff.

**16. Research thrust areas as recognized by major funding agencies:**

Faculty from the Department has applied for following research projects to various funding agencies;

**1. Dr. Sunita Tanwar:**

- (i) **"Status of Women Entrepreneurs: A Case Study of Southern Haryana"**, Submitted to UGC, Duration: 2 Years, Budget: Rs. 14, 71,500.
- (ii) **"Role of Cooperatives in Women Empowerment: A Study of Haryana State"**, Submitted to ICSSR, Budget: Rs. 19.5 Lac.

**2. Dr. Ajai Pal Sharma:**

- (i) **"Impact of Panchyati Raj Institutions in Rural Transformation: A Study of Mahendergarh District of Haryana"**, Submitted to: ICSSR, Duration: 2 Years, Budget: Rs. 15 Lac
- (ii) **"Public Healthcare Services: A Study of Rural Haryana at District Level"**, Submitted to UGC, Duration: 3 Years, Budget: Rs. 12 Lac

**3. Dr. Ajay Kumar: "Quality Mapping of Management Education in Central Universities of India on Industry Parameters"**, Submitted to ICSSR, Duration: 2 Years, Budget: Rs. 15,41000/-

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. :**

<b>National</b>	Three teachers of the department have applied for five major Research Projects to UGC and ICSSR. (Details are given in point No. 16 above).
<b>International funding agencies and</b>	Nil
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	Approval of the projects is awaited from the above mentioned funding agencies.

**18. Inter-institutional collaborative projects and associated grants received**

<b>National collaboration</b>	1. Collaboration with NCUI (as coordinator) to set up cooperative society for various purposes 2. Grants from NSIC is awaited for installation of Live Business Incubation Centre.
<b>International collaboration</b>	Nil

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

NIL -- (Applied for 3 Sponsored Research Projects of ICSSR and 2 Major Research Project for UGC)

**20. Research facility / centre with : NIL**

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Live Business Incubation Centre is in process stage of establishment in collaboration with NSIC under the Ministry of MSME. Once the approval for LBI is attained the students will be able to promote their ideas into patents and others.
<b>International Recognition</b>	Nil

**22. Special research laboratories sponsored by / created by industry or corporate bodies :**

Proposal initiated for Livelihood Business Incubation Centre under the ASPIRE Scheme of the Ministry of MSME in collaboration with NSIC.

**23. Publications:**

<b>Number of papers published in peer-reviewed journals (national / international)</b>	62
<b>Monographs</b>	00
<b>Chapters in Books *</b>	08
<b>Edited Books</b>	01
<b>Books with ISBN with details of publishers</b>	02
<b>Number listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	00
<b>Citation Index – range / average</b>	00

<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	00
<b>h-index</b>	00

\* **Details are attached in Annexure 1**

**24. Details of patents and income generated :**

The Department has initiated proposal for setting up incubation centre in collaboration with NSIC (MSME, Govt. of India). The Department is also involved in the activities of Centre for Innovation, Skills and Entrepreneurship to promote creativity and entrepreneurship among the students. Once projects are approved the Department will be able to generate income through patents.

**25. Areas of consultancy and income generated :**

University is in the process of engaging senior faculties in departments the form of Adjunct Professors/Visiting fellows and once this process is matured the consultancy services shall be started and may generate income to the department.

**26. Faculty selected nationally / internationally to visit other laboratories/institutions/ industries in India and abroad:**

Faculty members of the department regularly visit reputed institutions in India.

**27. Faculty serving in A) National Committees B) International Committees C) Editorial Boards D), Any Other (Please Specify):**

**Dr Anand Sharma :**

**Editorial Board:**

- Member, Editorial Board, Business Studies for Secondary classes, NIOS (Govt. of India), Noida

**National Committees:**

- Member, Expert member for TV and Radio programs NIOS, Noida
- Nodal officer, All India Survey on Higher Education, MHRD project
- Member, All India Commerce Association

**Others:**

- Member, Board of Studies, Department of Management Studies, CUH
- Member, School Board, School of Law, Governance, Public Policy and Management, CUH
- Member, Academic council, CUH
- In-charge, Department of Management Studies
- OSD Examination, CUH
- Warden, Boys Hostel
- Member Internal Audit committee, CUH
- Member, Central Admission Committee, CUH
- Member, Organising Committee, First Convocation, CUH
- Member, Committee for RFD (Research Framework Document) preparation for MHRD
- Member, Committee to review the hostel guidelines and other related issues
- Member, University Discipline Committee

- Member, Various Purchase Committees

### **Dr Sunita Tanwar**

#### **Editorial Board/Advisor**

- Advisory Board Member of INSIGHT- An International Journal of Innovative and Creative Research of Commerce and Management, of DAV Centenary College, Faridabad
- Referee Board Member of Pacific Business Review (ISSN:0974 438X), An International Journal of FMS, Pacific Institute of Management, PAHERA Education Society.
- Editorial Board Member ISTD Journal , Gurgaon
- Life Time member of Indian Society for Training and Development,
- Life Time Member of American Society for Quality
- Life Time Member for National Entrepreneurship Education

#### **Other Committees:**

- Member, Journal and Souvenir Committee in First Convocation of CUH
- Member, NAAC Coordination Committee
- Coordinator, CUCET Examination
- Member, Admission Committee
- Member, Innovation Cell
- Warden, Girls Hostel from Dec2013 to Aug, 2014.
- Member, Hostel Guideline deciding Committee
- Convener, Proficiency & Skill Development Cell
- Member, Equal Opportunity Cell.
- Member, Editorial Committee Proceedings of National Seminar, conducted by CUH on “Role of statistics in multidisciplinary Research”.
- Member, Board of Studies Meeting, Department of Management Studies and Department of Economics in October 2014.
- Member, School Board Meeting of Department of Management Studies in May’2014 and November, 2014.
- Member, Unfair Means Committee for the Semester End Examination.
- PDP Classes Coordinator for Dept. of Management Studies.
- Coordinator for revising the Syllabus for Dept. of Management Studies.
- National Entrepreneurship Network
- Wadhvani Foundation

### **Dr Ajai Pal Sharma**

#### **Editorial Board**

- Member, Advisory Board, Scholar’s View, A Journal of Management and IT

#### **Other Committees**

- Member, All India Management Association
- Convener, Quality Management Cell for Skills & Proficiency Building and Opportunity Creation, CUH
- Convener, Career Counselling, Training and Placement Cell, CUH
- Member, Internal Quality Assurance Cell (IQAC) for CUH

- Member, Examination (Review and Reforms) Committee
- Member, Apex Committee for Sensitization, Prevention and Redressal of Sexual Harassment
- Member, Central Admission Committee for academic session 2014 and 2015
- Member, Committee for launching of NVEQF/NSQF Schemes and B. Voc. Degree Programmes
- Member, Committee for RFD (Research Framework Document) preparation for MHRD
- Member, ERP Committee for purchase of the Online Recruitment System
- Member, Committee to review the hostel guidelines and other related issues
- Member, University Discipline Committee
- Member, Various Purchase Committees
- Nodal Officer, CUCET-2014/15, Coordination Committee
- Member, Sports Facilities Development Committee
- Member, Board of Studies, Department of Law, Central University of Haryana
- Manager, CUH Volleyball team for participating in inter university north zone (men) championship

**Dr. Ajay Kumar**

**Member Other Committees**

- Member, NAAC Core Committee, CUH
- Member, IQAC, CUH
- Member, Information Brochure Formulation Committee, CUH
- Member, Equal Opportunity Cell, CUH
- Member, Earn While You Learn Scheme, CUH
- Member, Board of Studies, Department of Commerce, Central University of Haryana
- Member, Proficiency & Skill Development Cell
- Member, Quality Management Cell for Skills, Proficiency Building & Opportunity Creation
- Coordinator, Stage Management Committee, Foundation Day of CUH

**Ms. Divya**

**Member Other Committees**

- Member, Career Counselling, Training and Placement Cell, CUH
- Member, NAAC Core Committee, CUH
- Member, IQAC, CUH
- Member, CUH Website development committee
- Coordinator, Training and Placement cell of the Department of Management Studies
- Member, Editorial Committee, Proceedings of National Seminar, conducted by CUH on “Role of statistics in multidisciplinary Research”.

**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Orientation Program:

S. No.	Name of Faculty member	Programme	Duration	Organised by
1	Dr Sunita Tanwar	UGC-Sponsored Orientation	13-06-2014 to 10-07-2014	UGC Academic Staff College, BHU,

		Programme		Varansi, Banaras
2	Dr A P Sharma	UGC-Sponsored Orientation Programme	29-05-2014 to 25-06-2014	UGC-ASC, GJUS&T, Hisar
3	Ms Divya	UGC-Sponsored Orientation Programme	19-06-2014 to 16-07-2014	ASC, Central University of Hyderabad

**Refresher Course:**

S. No.	Name of Faculty member	Programme	Duration	Organised by
1.	Dr Sunita Tanwar	Refresher Course on "Research Methodology"	15.06.2015 to 04.07.2015	CPDHE, UGC Academic Staff College, University of Delhi.

**Workshops/ Training programs:**

S. No.	Name of Faculty member	Programme	Duration	Organised by
1.	Dr Sunita Tanwar	Faculty Development Programme for Two weeks on " SPSS and E-Views: Analytical Tools"	July 28- August, 10 2009	IILM, Greater Noida
2	Dr. AP Sharma	Workshop on "Effective Teaching through Case Study Methodology"	05- 07 Mar, 2010	IIT Delhi
3	Dr. AP Sharma	Workshop on "Evolution of Brand Institution"	21Feb, 2006	AIMA, New Delhi
4	Dr. AP Sharma	Workshop on "Significance of RTI Act 2005"	29 Feb, 2008	AIMA, New Delhi
5	Dr. AP Sharma	Workshop on "Selling Skills for Selling Success"	5-6 Jan, 2007	AIMA, New Delhi
6	Dr. AP Sharma	Workshop on "Business Continuity Management"	25 Jul, 2008	AIMA, New Delhi
7	Dr. AP Sharma	Workshop on "Basics of SPSS Software"	07-08 Jul, 2009	IITM, New Delhi.
8	Dr. AP Sharma	Workshop on "Application of SPSS Software"	09-10 Jul, 2009	IITM, New Delhi.

9	Dr. AP Sharma	Workshop on “Research Methodology”	21 Dec, 2010	Tecnia Institute of Advanced Studies, New Delhi
10	Dr Ajay Kumar	Leveraging Power of Qualitative Marketing Research for Achieving Marketing Excellence – Workshop	21-22 April 2014	IIM Lucknow, Noida Campus
11	Ms. Divya	Workshop on SPSS	26-27 December, 2013	Apeejay Institute of Management, Dwarka
12	Ms. Divya	Workshop on R software	20-23 August, 2014	Delhi Technical University, Delhi

### 28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects	Nil
Percentage of students doing projects in collaboration with other universities, industry / institute	Nil

### 29. Awards / recognitions received at the national and international level by:3

<b>Faculty</b>	Dr. Ajai Pal Sharma won best research paper award one each in National Conference organized by BVIMR, New Delhi and BLSIMT, Bahadurgarh.
<b>Doctoral / Post-doctoral fellows</b>	Nil
<b>Students</b>	<ol style="list-style-type: none"> <li>1. Mr Irfan Khan, Ph. D. Scholar received <b>Best Research Paper Presented Award</b> in International Conference “Innovation based sustainable practices of organization” in SGPC’s Guru Nanak Institute of Management Studies, Mumbai, and 20 March 2015 on the topic of <b>A Study of Emerging Islamic Stock Market Volatility: Using Garch Family Models.</b></li> <li>2. Team of four MBA students won first prize in National Case Study Competition conducted by GIBS (GGS IP University), New Delhi</li> <li>3. <b>Dinesh and Gaurav</b>, MBA Students won third prize in National Conference conducted by BLSITM, Bahadurgarh</li> </ol>

### 30. Seminars/ Conferences/Workshops organized and the source of funding (national/International) with details of outstanding participants, if any.

- National Seminar on Application and Role of Statistics in Multidisciplinary Research organized by the Department of Management Studies in association with Department of Statistics in October 2013. The seminar was funded by Central University of Haryana.
- Panel discussion on “Kingfisher: Some Issues and Challenges” organized by Department of

Management Studies during one month celebration in 2012

- Investors Awareness Seminar on “Investment Management and Financial Planning: Some practical aspects” by Mr Jasmit Singh, Financial Expert in collaboration with Regional Centre for Entrepreneurship Development (RCED), Chandigarh on 28<sup>th</sup> Nov 2011.
- Collaborated with other departments in organising one month of celebration in creating and sharing knowledge in Oct-Nov, 2012
- Collaborated with women empowerment cell in organising Journey for change in various parts of Haryana and Delhi, February 2013
- Organised workshop by eminent corporate trainer Subhash Jagota on Business etiquette and social skills
- Three days workshop on “Basics of SPSS” organized by Department of Management Studies from 16<sup>th</sup> Oct – 18<sup>th</sup> Oct 2015.

**31. Code of ethics for research followed by the departments :**

- Yes, Department of Management Studies practices ethical standards as per the Ph.D. ordinance of the university.
- Every Ph. D. Thesis before submission passed through plagiarism check.
- Students are required to carry their ID cards while going for data collection.

**32. Student profile programme-wise:**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>Session 2010-11</b>					
MBA		10	1	100%	100%
<b>Session 2011-12</b>					
MBA		8	4	100%	100%
Ph.D (Management)		2	1	Awarded – 01 Submitted - 01	Pursuing - 01
<b>Session 2012-13</b>					
MBA	135	9	4	100%	100%
Ph.D.(Management)	114	4	0	Pursuing - 04	NA
<b>Session 2013-14</b>					
MBA	142	11	2	90.9%	100%
Ph.D.(Management)	NIL	Admission not offered			
<b>Session 2014-15</b>					
MBA	300	24	7	Batch is Yet to Pass Out	
Ph.D. Management)	290	3	4	All Pursuing	All Pursuing
<b>Session 2015-16</b>					
MBA	889	24	6	Batch is Yet to Pass Out	
Ph.D.(Management)	--	Admission not offered			



**33. Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MBA (2015-16)	NIL	21	9	NIL
Ph D (2015)	Admissions Not offered			

**34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

- Civil Services : NIL
- Defence Services : 1
- NET : 08
- SET : NIL
- GATE : NIL
- Other Competitive Exams: 3

Sl. No.	Name of Student	Batch	Course/ Program	NET/JRF
1	Maheshwar	2013-15	MBA	NET
2	Rama. K. Krishna	2014-16	MBA	JRF-NET
3	Sarita	2014	PhD	JRF-NET
4	Gaurav	2010-12	MBA	NET- JRF
5	Arvind	2010-12	MBA	NET-JRF
6	Dinesh	2010-12	MBA	NET
7	Sajjan Singh	2011-13	MBA	NET
8	Renu Bala	2014-16	MBA	Defence Services – Lieutenant, Indian Army
9	Jag Pravesh	2013-15	MBA	Assistant – Delhi University
10	Prashant Jangra	2010-12	MBA	PO – Bank of India
11	Lokesh	2010-12	MBA	PO – Axis Bank
12	Pritam	2010-12	MBA	NET

**35. Student progression**

Student progression	Percentage against enrolled
UG to PG	N/A
PG to M.Phil.	N/A
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	
Campus selection	8.33

Other than campus recruitment	41.66
Entrepreneurs	8.33

**36. Diversity of staff**

<b>Percentage of faculty who are graduates of the same university:</b>	NIL
From other universities within the State:	1
From universities from other States:	4
From universities outside the country:	NIL

**38. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :**

One (AjayKumar was awarded PhD in Management on 6<sup>th</sup> July 2015 by GJUS &T, Hisar)

**39. Present details of departmental infrastructural facilities with regard to**

<b>Library</b>	Nil
<b>Internet facilities for staff and students</b>	Yes, the campus is fully Wi-Fi enabled
<b>Total number of class rooms</b>	03
<b>Class rooms with ICT facility</b>	Yes, all the classrooms have ICT facilities.
<b>Students' laboratories</b>	Under process
<b>Research laboratories</b>	Common Research Library is available and the dedicated research library is under process.

**40. List of doctoral, post-doctoral students and Research Associates**

- a) From the host institution/university : NIL  
b) From other institutions/universities : 14 Doctoral students

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Awarded/Ongoing</b>
1	Bajrang	Ongoing
2	Suyash Mishra	<b>Awarded</b>
3	Ravinder Kaur	Ongoing
4	Md. Irfan Khan	Ongoing
5	Arun Kumar	Ongoing
6	Servendu Tiwari	Ongoing
7	Rajesh Kumar	Ongoing
8	Geeta Rani	Ongoing
9	Sarita	Ongoing
10	Arun Yadav	Ongoing
11	Bhagat Singh	Ongoing
12	Priya Goel	Ongoing
13	Jayant	Ongoing
14	Purnima Singh	Ongoing

**41. Number of post graduate students getting financial assistance from the university.**

One student, Mr. Keshav, received financial assistance under 'Earn While Learn' Scheme in the session 2014-15.

**42. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Need assessment exercise was carried out before proposing the establishment of MBA programme in the board of School of Law, Governance, Public policy and management.

Haryana has emerged as a hub for corporates in past 2 decades. Places like Gurgaon, Faridabad have seen unprecedented growth in business expansions. To cater growing need of management manpower, the Central University of Haryana being pioneer among academics in the state started the MBA programme in 2010 with an intake of 15 students to impart quality education.

The objective of imparting quality education to students will remain unfulfilled unless the university contributes towards research domain of the academic field. To promote the holistic education in management, need was realised to expand the department to cater the research requirements of the academia, PhD was proposed in 2011, which was duly approved by the school board, academic council and executive council.

**43. Does the department obtain feedback from**

**a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

Yes, the department duly invite the suggestions and feedback from all the faculty members of the department on the contemporary requirements of curriculum and other teaching learning methodologies for further inclusion in the final curricula. All faculty members are invited for syllabus revision meetings.

**b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Informal suggestions and feedback are invited from students on curriculum and teaching learning and evaluation process. The formal structure to obtain this feedback is under process.

**c. Alumni and employers on the programmes offered and how does the department utilize the feedback?**

Informal discussions with Alumni are invited from time to time and considered in syllabus revisions.

**44. List the distinguished alumni of the department (maximum 10)**

Sr. No.	Name	Designation	Organization
1	Suyash Mishra	Assistant Professor	Institute of Management, Noida
2	Prashant Kaushaliya	Bank PO	Union Bank of India
3	Hukam Singh	Executive	Nippon Steel, Neemrana

4	HitLal Agarwal	Finance Executive	Nisshinbo Mechatronics India Pvt Ltd, Manesar
5	Naveen Kumar	Finance Executive	Halla Visteon Climate Systems India Pvt Ltd, Bhiwadi
6	Pritam Singh	Assistant Professor	RPS group of Institute, Balana, Mahendergarh
7	Surbhi Bhargava	Finance Executive	Viva Financials
8	Surender	Executive	OMAXE Ltd
9	Sandeep	Executive	Adani Logistics
10	Jagpravesh	Cluster Head	HDFC Ergo

45. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sr. No	Name of Speaker	Designation	Organization
1	Subhash Jagota	Vice President	Punj Lloyd
2	Prof A K Garg	Professor	Fairleigh Dickinson University, Canada
3	Chandar Prakash	Assistant Sales Manager	ITC, Hyderabad
4	Praveen Gandhi	Chief Manager	NSIC, Delhi
5	Manjula Chaudhary	Professor	KUK
6	Mr. Viney Kaushik	Vice President - HR	Samsung Engineering India Ltd
7	Mr Satvinder Singh	Sr General Manager	NSIC, Delhi
8	Prof C P Gupta	Professor	DFS, South Campus, Delhi University
9	Prof DPS Verma	Professor	Delhi School of Economics
10	Dr Sanjeev Mittal	Professor	SMS, GGSIPU, Delhi
11	Dr Naval Kishore	Professor	IGNOU, Delhi

12	Prof G L Sharma	Professor	LBSIM, Delhi
13	Dr Sandeep Goyal	Asstt. Professor	MDI, Gurgaon
14	Dr H L Verma	Professor	GJU, Hissar
15	Dr H J Ghosh Ray	Professor	MDU, Rohtak

**46. List the teaching methods adopted by the faculty for different programmes.**

- Class Room Teaching
- Teaching through Case Study Method
- Power Point Presentations
- Role Plays
- Practical Assignments
- On-line Business Games
- Web Page for various Courses
- Audio Visual Pedagogy

**47. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Department objectives are met using the following techniques:

- Continuous Evaluation System
- Feedback from Students
- Feedback from the industry after summer internship
- Assessment of learning through role play techniques
- Expert Lectures from Industry

**48. Highlight the participation of students and faculty in extension activities.**

**Department**

- Expert talk on “Investment Management and Financial Planning: Some practical aspects” by Mr Jasmit Singh, Financial Expert in collaboration with Regional Centre for Entrepreneurship Development (RCED), Chandigarh on 28<sup>th</sup> Nov 2011.
- Guest Lecture on Employability Of Management Students, delivered by Prof G L Sharma, LBSIM, on January 31, 2012

**Faculty**

- Dr Ajai Pal Sharma is member of “Swachh Bharat, Swasth Bharat Abhiyan”.
- Dr Ajay Kumar donated blood during the blood camp organized in Central University of Haryana on 15<sup>th</sup> Oct 2015.
- Ms Divya participated in promoting the social cause of women empowerment on International Girl Child Day organized by Women Empowerment Cell with Community Development Centre and Unnat Bharat Cell on 9<sup>th</sup> Oct 2015.

**Students**

- Mr Bajrang, participated in workshop on “Addressing Discrimination Against Women: Walk the

Talk". May 18-20, 2011.

- Students of the department participated in NSS wing of the university.
- Students of the department participated in Community Outreach programs such as blood donation camp, etc.
- Students of Department of Management Studies are active members of NSS unit of Central University of Haryana
- Students of Department of Management Studies are active members of Unnat Bhart Abhiyan and take part in the activities carried out by the abhiyan.
- 5 students of the department are member of Swatch Bharat Abhiyan team of Central University of Haryana
- Students of the department are active participants in providing the free education to school children of the villages adopted by the university.
- Students of department actively participated in poster making competition on the occasion of International Women Day, organized by Women Empowerment Cell on March 09, 2013.
- Students actively participated in a play "Gyan Purnima Ki Aur" in the programme "Journey for Change" organized during Feb 2013.

**48. Give details of "beyond syllabus scholarly activities" of the department.**

- Faculty members actively participate in Book reading sessions conducted by the Book Reading Club time to time.
- Department conducts Movies/ Documentaries sessions time to time to make the students aware about the contemporary happening in the corporate world.
- Faculty members and students participate in various Social outreach programs conducted by Community Development Cell.
- The department organizes Extension lecture by distinguished personalities time to time for the students.
- Department organises Personality development classes beyond curriculum
- All the faculty members from the department are actively engaged in conducting the special classes for Skill Development and UGC-NET organized by Career Counselling, Training and Placement Cell.

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

The department is in the process of the first cycle of NAAC accreditation.

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Department of Management Studies is constantly organizing the guest and expert lectures for inculcating the new, practical knowledge among the student community. In this line, 8 lectures have been organized in department. Students are also taken on Industrial visits to learn the practical aspects of business. Some of the prominent industries visited are: Parle G, Havells, Hero Moto Corps, Medicaman Bio Tech-Bhiwadi, Hotel Radisson Blue etc.

Faculty members of the department deliver extension lectures time to time to external organizations/institutions and make visits to various leading academic and industrial organizations to generate new knowledge so the same can be imparted to the students.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the**

## **department.**

### **Strengths**

- i. Qualified faculty in divergent areas
- ii. Good student teacher ratio
- iii. Usage of ICT in teaching learning process
- iv. Continuous updating of syllabus

### **Weakness**

- i. Limited physical infrastructure
- ii. Not strong alumni base

### **Opportunities**

- i. The only newly established Central University in NCR(National Capital Region)
- ii. Demographic advantage of being close to industrial hubs like Gurgaon, Bawal , Manesar, Neemrana etc
- iii. Scope for future expansion

### **Challenges**

- i. Competition with B Schools
- ii. Placement
- iii. Lack of infrastructure

## **52. Future plans of the department.**

- Incubation Centre for entrepreneurs: Department is actively engaged in setting up of incubation centre for development of entrepreneurs.
- Industry-institute partnership: The department is in the process of developing partnership with many industries / bodies like; NSIC, NCUI, etc. to expand the activities of the department and make students employable in the industrial sector.
- Research and academic activities in related areas: The department is also initiated process for new course like; Diploma in Insurance Management, Diploma in Cooperative Management, PG Diploma in Retail Management.
- Business Studio: Department plans to start own business studio where students can have information from all corners of the world in time bound manner.
- Business consultancy Unit: Department plans to start a business consultancy unit which will advise small and medium enterprises on various issues such as marketing, finance, investment and legal issues.
- Financial Inclusion drive in neighbourhood: Department is mindful of its social responsibility. Department plans to conduct financial literacy drive to bring more inclusivity.
- Centre of Excellence for Cooperatives Research: Department aims to set a centre of excellence in cooperative research so that we can emerge as a mentor for cooperatives enterprises in India.

## Annexure 1

### Details of Publication of Management Studies

**Dr. Anand Sharma**

#### **Papers Published in Journals**

1. Paper titled A Study of Pattern in Trading Volume of Different Derivative Instruments in Indian Stock Market. *8 M Journal of Management* p. 4-10. Published by JIMS, ISSN No. 0973-9343.
2. Paper titled Profitability and Non-Performing Assets: Indian Perspective, *TIJ Research Journal of Social Sciences and Management*, ISSN .2251-1571, p. 25-31.
3. Paper titled Mapping the Efficiency of Indian Banking Sector: A Post Deregulation Period. *BHU Management Review*, ISSN No 2231-0142, p.34-43.
4. Paper titled Study of the market efficiency of Indian Commodity Market With reference to future Market of Gold. *Tecnia Journal of Management Studies*, ISSN No 0975-7104), p.53-60
5. Paper titled A study of Relationship between cash and Derivative segment in Indian Stock Market, *View Point-International Journal of Management and Technology*, ISSN No 2229-3825, p.74-78
6. Paper titled Risk Management Through Derivative Instruments in India in the times of Global Recession and Uncertainty (Page No.05-12. Vimarsh- An Endeavour to share Knowledge (ISSBN No 0976-5174)
7. Paper titled Derivative Trading in India :with special reference to Indian Stock Market (Page no. 66-76) Published in Productivity Promotion : Management Journal of Delhi Productivity Council ( ISSN No.65544 -96)
8. Paper titled Study of Convergence of Spot and future prices in commodity market with reference to Zeera, Channa, Zink and natural Gas ( for 2005-2010)(Page no. 101-113) Published in Zenith: International Journal of Multidisciplinary research( ISSN No. 2231-5780)
9. Paper titled Mobile Banking : A tool of Financial Inclusion (Page No. 21-30) Published in Educator -The FIMT Journal (ISSN No.2277-9736)
10. Paper titled Factors determining service quality aspects of banking sector in India ( with reference to Delhi NCR -A pilot study) (page no. 55-62) Published in International Journal of Trade and commerce( ISSN NO.2277 5811)
11. Paper titled Public Private Partnership in India : Prospects and Challenges (page no 56-65) Published in Journal of Constitutional and Parliamentary studies (ISSN No.0022 -0043)
12. Paper titled Study of Investors' Behavior in Derivative Segment of Stock Market Published in Tecnia Journal of Management Studies (ISSN No.0975-7104)
13. Paper titled Problems of women at Indian corporate workplace (Page No 14-16) Published in Suryaprabha :Journal of Literature, Culture, Society and Research ( ISSN No. 2348 -4179)
14. Paper titled Corporate Governance Practice in Indian Boards (Page No 10-13) Published in International journal of Engineering, Management and Sciences(ISSN No. 2348 -3733)
15. Paper titled Financial Inclusion in rural Haryana : A Special reference to Mahendergarh District(Page No20-34) published in Scholar's View International Journal of Media and Management (ISSN No.2319-1210)
16. Paper titled Does Pornography challenge the social status of women in India, (Page No 46-50) published in Alive for Go ahead men(ISSN No.0971-0639)



17. Paper titled Study of Customer Behavioral Nuances in Banking Sector : A Study of Delhi NCR (Page No 63-66) published by Tecnia Journal of Management Studies (ISSN No.0975-7104)

### **Chapters Published**

1. Chapter titled Achieving Social Impact in Health and Hygiene Through Social Entrepreneurship Published in Contemporary Practices in Business Management(Page No 01-12) ( Published by Virudhnagar Hindu Nadars Shantikumar Nadar College) (ISBN No.978 93 81723 227)
2. Chapter titled Industry and Commerce ( Page No.31-42)published in Business Studies Published by National Institute of Open Schooling (No.215 Sec co)
3. Chapter titled Outsourcing ( Page No.170-179) Published in Business Studies Published by National Institute of Open Schooling (No.215 Sec co)
4. Chapter titled Sales Promotion and Personal Selling ( Page No. 240-255) Published in Business Studies Published by National Institute of Open Schooling (No.215 Sec co)
5. Chapter titled Project Work( Page No.305-314) Published in Business Studies Published by National Institute of Open Schooling (No.215 Sec co)

### **Edited Books Published**

3. Published as co-editor Edited book Application and Role of Statistics in Multidisciplinary Research (Pages 254) from K K Publishers, Delhi (ISBN No.978 81 7844 173 3)
4. Published as co-editor Text Book Business Studies for Class 12<sup>th</sup> National Institute of Open Schooling, (Govt. of India)(No.215 Sec co)

### **Conference Proceedings**

1. Paper titled Model Corporate Governance : Learning Infosys Way (Page No 451-456) Proceedings of National Seminar on Case Studies in Management (ISBN No.978-93-5051-643-0)
2. Paper titled A study of emerging Islamic stock Market Volatility using Garch family model published in Conference Proceedings of International Research Conference on Innovation Based Sustainable practices of Organizations(ISBN No.978-93-83003-01-3)
3. Paper titled Cloud Computing Revolution in India(page no 351-356) published in proceedings of National Seminar on IC and CN (ISSN No.978-93-83334-85-8)
4. Paper titled Role of Social Media in Business (page no 236-245) published in Proceedings of National Seminar on Democratization of Communication (ISSN No.978-93-83334-84-1)
5. Paper titled Innovative Academic Leadership for Nation Building: A case study of Central University of Haryana published in Proceedings of National Seminar on education for Nation Development 978-93-83334-83-2
6. Paper titled Facets of Corporate Social Responsibility: Challenges and Opportunities published in Proceedings of National Seminar on Corporate Social Responsibility (ISSN No. 978-93-83334-83-3)
7. Paper titled Challenges to women in corporate sector published in proceedings of National Seminar on Social Justice : A historical Study organized by Mihir Bhoj P G College, Ghaziabad
8. Paper titled A study of shareholding pattern and corporate governance in selected Indian companies (page no 351-356) published in Proceedings of National Seminar on Future of Financial Markets Centre for Management Studies, Jamia Millia Islamia (Central University), New Delhi (ISSN No.978-81-922331-0-9)

9. Paper titled Ethical Corporate Governance for Sustainable Corporations in India (page no 565-573) published in Proceedings of International Conference on Role of Management and Technology in shaping India as a developed nation by 2020 (ISBN No.978-81-8465-596-4)

## **Dr Sunita Tanwar**

### **Papers Published In Journals**

1. Paper titled "Job Stressors and Productivity issues– A case of IT Industry" in "Lingaya's Journal of Professional Studies" in the Vol-8, No.2. ISSN : 0975-539X
2. Paper titled "Social Entrepreneurship - :An initiative from Academics" in "IUJ-Journal of Management" Vol. 2, No.2, November 2014, ISSN: 2347-5080
3. Paper titled "Stress Management And Organizational Growth" in "Pramana Research Journal" Issue 13, ISSN : 2249-2976
4. Paper titled "Psychosocial well-being of the individual" in "International Journal of Library and Information Management" in Volume 5, No.2, ISSN: 0975-878X
5. Paper titled "Emotional Intelligence and its relationship with stress" in "Pacific Business Review International Journal" Vol. 7, Issue 3, ISSN: 0974 -438X
6. Paper titled "Workplace stress and organizational Productivity- A case study of IT Industry" in the "International Journal of Research in Management and Social Science" in Vol. 2 Issue 3(IV), ISSN: 2322-0899
7. Paper titled "E-Recruitment- A Tool of Competitive Advantage" in the "International Journal of Human Resource and Industrial Research" in Volume 1, Issue 4, ISSN: 2349-3593
8. Paper titled "The changing Paradigm and expansion of Knowledge with knowledge Management" in the "The IUJ Journal of Management" in Vol. 2, Issue 1, ISSN: 2347-5080
9. Paper titled "Self efficacy, Depression and Individual Behaviour" in online "Journal of Advances and Scholarly Researches in Allied Education" in Vol. VII, Issue XIV, ISSN : 2230-7540.
10. Paper titled "Employer Branding- A way to realign Talent Management" in "Synergy, Journal of IT & Management" in volume 11, No. 2, ISSN: 0972-7361
11. Paper titled "Modelling Effectiveness of Employer Branding: An ISM Modelling" in international Journal "Pacific Business Review" Volume 5 Issue 11, ISSN : 0974-438X
12. Paper titled "A study of Five factors Of personality in Relation to depression scores among adolescents" in "International Journal of Library And Information Management" Vol.2, Issue1, ISSN: 0975-878X.
13. Paper titled "An Exploratory Analysis On usage of E- job Portals as a tool for E-recruitment" in "International journal of Library and Information Management" Vol. 2, Issue 1, ISSN: 0975-878X
14. Paper titled "Correlates of self-efficacy With depression moods In adolescence" in "National Journal of Positive Psychology" Vol. 2, No. 2, ISSN: 2229-4937.
15. Paper titled "Investors Behaviour and Investment Avenues In Global Downturn: A Case study of Millenium City" in "Asia- Pacific Business Review" Vol. VI, No. 2, ISSN: 0973-2470
16. Paper titled "A study of depression in Relation to emotional intelligence and personality among adolescents" in "Amity Management Review, Jaipur", Vol.5, No. 2, ISSN: 2230-7230
17. Paper titled "Attrition Rate Management: Challenge to Indian BPOs" in "Southern Economist" in Vol. 1, ISSN: 0038-046

18. Paper titled "Tapping of talent in pharmaceutical sector Through HR Practices" in "Lingaya's Journal of professional Studies" Vol. 5, No. 2, ISSN: 0975-539X
19. Paper titled "A study of impact of parenting styles on Depression among adolescence" in "Journal of Education and and Management Studies" Vol.1, No. 1. ISSN: 2231-5632.
20. Paper titled "Repercussions of Structural Change and its impact on Organizational Effectiveness" in "Pacific Business Review" Vol. 1, No.1. ISSN: 0974-438X.
21. Paper titled "Impact of Task Related Dimensions of change on Organizations overall Work Efficiency" in "Indian Journal of Commerce Association" Vol. 1.
22. Paper titled "Mapping the mind sets of People of Millenium City about Internet Advertisement" in "AIMS - A Journal of Management Science" No. 1, ISSN: 0974-2581.

#### **Articles/Chapters Published in Books:**

1. Paper titled "Exit Interview: A key to Employee Retention" in the book titled "Role of Statistics in Multidisciplinary Research" published by K. K. Publications, New Delhi, with ISBN: 978-81-7844-173-3.
2. Paper titled "Internet Advertising: An Impact on user Mindset" in the book titled "Advances in Technology and Innovation in Marketing" by Macmillan Advance research Series with ISBN: 978-93-8093-009-1.
3. Paper titled "Life stress and behavioural Dysfunction of Married Women: A case study of Working women and Housewives in NCR" in "Exploring the engagement and empowerment of women: Multidisciplinary Perspectives" by concept Publishing Company Ltd. with ISBN: 978-93-5125-160-6

#### **Dr. AP Sharma**

#### **Papers Published in Journals**

1. Paper titled "Emerging Business Opportunities in Packaged Food Industry" in Conference Proceedings with ISBN 978-93-84869-51-9 of National Conference on "Make in India: Emerging Trends in Trade & Innovations for Effective Entrepreneurship" conducted on 17-18 Apr 2015 by Rukmini Devi Institute of Advanced Studies (Affiliated to GGS IP University) New Delhi.
2. Paper titled "PURA: A Syndicated Approach to Rural Urban Linkages" Kuruksheetra - A Journal on Rural Development, Vol. 61 No. 10, Apr 2015, ISSN: 0021-5660
3. Paper titled "Window-shopping to Show-rooming: A Study of Paradigm Shift in Shopping Patterns of Consumers" in the Conference Proceedings of "2014 International Conference on Marketing: Concepts to Applications" organized by DAV Centenary College, Faridabad from 12-13 September 2014.
4. Paper titled "Perceptual Study of Rural Consumers for Evaluating and Selecting Banking Services" in the edited book on "Application and Role of Statistics in Multidisciplinary Research" published and released by Central University of Haryana, Mahendergarh as an outcome of National Seminar organized from 23-24 October 2013.
5. Paper titled "Market Forces and the Changing Behaviour of Media Houses in Contemporary Scenario: An Analytical Study" Vol. 12 No. 1 January-June of Bi-Annual Journal "Efulgence" by Rukmani Devi Institute of Advanced Studies (affiliated to GGS IP University) Delhi.
6. Paper titled "Indian Higher Education at Crossroads: An Analysis" in University News - A Journal of Higher Education, Association of Indian Universities, Vol. 51 No. 48, December 02-08, 2013. ISSN: 0566-2257
7. Paper titled "Rural Women Empowerment: An Analytical View" Kuruksheetra - A Journal on Rural Development, Vol. 61 No. 10, Aug 2013, ISSN: 0021-5660

8. Paper titled "Gram Sabha Empowerment through Social Audit" Kurukshetra - A Journal on Rural Development, Vol. 60 No. 10, May 2013, ISSN: 0021-5660
9. Paper titled "The Art and Science of Leadership in Turbulent Times" presented at National Conference on 20<sup>th</sup>Apr 2013conducted by Rukmini Devi Institute of Advanced Studies (Affiliated to GGS IP University) New Delhi and published as conference proceedings with ISBN 978-93-82122-14-2.
10. Paper titled "Virtual Merchandising: Breaking the Barrier of Traditional Marketing, An Empirical Study" presented at National Conference on 10<sup>th</sup>Oct 2012conducted by Jamia Milia Islamia University, New Delhi and published as conference proceedings with ISBN 978-93-81505-42-7.
11. Paper titled "Rural Health Scenario in India" published in Kurukshetra-A Journal on Rural Development, Vol. 60 No. 10, August 2012, ISSN: 0021-5660
12. Paper titled "Managing Organizational Change: A Critical Issue for Leadership" published in CPJ Global Review: An International Journal of CPJ-CHS & School of Law (affiliated to GGS IP University), Vol. V, No. 1 Jul 2013.
13. Paper titled "An Empirical Study of Sales Promotion and Customer Service Practices in Rural Markets with Specific Reference to South Haryana" published in SDIMT PATH: A Journal of Management & Technology, Vol. 1 No. 1 July-September 2012, ISSN 2277-8662
14. Paper titled "Food Grain Storage Management in India: Some Implications and Suggestion" published in Academic Discourse (A Multi-disciplinary Refereed Research Journal: ISSN 2278-3296) (July 2013) by Shri Atmanand Jain College, Ambala.
15. Paper titled "Role of ICTs in Empowering Rural India: A Critical Analysis" Effulgence, A Refereed Management Journal By Rukmani Devi Institute of Advanced Studies, Vol. 10 No. 2, Jul-Dec 2012, ISSN: 0972-8058
16. Paper titled "Scope and Challenges of E-Learning in Rural Areas of Haryana" in TECNIA Journal of Management Studies, Vol. 3, No. 2, Oct 2008 – Mar 2009, ISSN: 0975-7104
17. Paper titled "Followership: An Unforgettable Issue" published on 16<sup>th</sup> Jun 2010 in International Web Journal 'associated content.com'.
18. Paper titled "Agile Leadership and Organization Development: An Empirical Study" paper published by ASBM Journal of Management-Bhubaneswar, Vol. IV, No. 1, 2011, refereed journal.
19. Paper titled "Sales at Traffic Signal" an article published in 'Youngster' a monthly newspaper, in Jun 2010 issue (RNI No. DEL/BIL/2004/14598).
20. Paper titled "Value Development: Suggestive Strategies for Educational Institutions" an article published in 'Youngster' a monthly newspaper, in July2010 issue (RNI No. DEL/BIL/2004/14598).
21. Paper titled "Communication Network Control of Indian Railways: A Case Study of RAILTEL" published in Indian Media Studies Journal, Vol. 1, No. 4, Mar 2011, with ISSN: 0972-9348.
22. Paper titled "An Empirical Study on Customer-Retailer Relationship in Rural Markets" published by IITM Journal of Management and IT, Vol. 3 Issue January-Jun 2012 with ISSN: 0976-8629.
23. Paper titled "Uses and Misuses of Web Technology" presented at National Conference sponsored by AICTE on 30<sup>th</sup> Apr 2011 conducted by Tecnia Institute of Advanced Studies, GGSIP University and published as conference proceedings with ISBN 978-81-288-3426-4.
24. Paper titled "Analysis of E-Governance: An Effective Tool for Good Governance" published by Central University of Haryana under its proceedings for National Seminar on Inclusive Democracy: People. Power & Progress organized from May 30-31, 2012.

25. Paper titled "A Study of Retail Outlet Assortments for Customer Retention" published in The Journal of BLS Institute of Technology Management 'SYNTHESIS' vide Vol. 8, No. 1, June 2011, International Journal with ISSN 0973-2357.

### **Dr. Ajay Kumar**

#### **Papers Published in Journals**

1. Paper titled "Assessment of Brand Personality and its Relationship with Human Personality: A Case of Motor Bikes in Haryana", HSB Research Review, ISSN 0976 1179, 2014, Vol. 8, No. 1, pp. 65-71
2. Paper titled "Understanding Multidimensionality of Brand Personality", Global Journal of Finance and Management, ISSN 0975 6477, 2014, Vol. 6, No. 9, pp. 907-910.
3. Paper titled "Impact of Durables on Consumer's Mind: An Empirical Study of Rural Haryana", Apeejay Journal of Management, ISSN 0974-3294, July-Dec 2012, Vol. 7, No. 2, pp. 31-45.
4. Paper titled "Segmenting Two Wheeler Market in India: A Study of Rural Haryana", Pragyaa-Journal of Management, ISSN 0975-9603, January-June 2011, Vol. 2, No.1, pp. 43-52.
5. Paper titled "Influence of Durable Possession on Rural Consumers: A Study of Haryana", AMITY Management Analyst, ISSN 0975-1440, July-December, 2010, Vol. V, No. II, pp. 48-56.

#### **Edited Book/Conference Proceedings**

1. Case study entitled "Designing an effective promotional campaign for a new brand-A Case Study of OxiCash" published in Conference Proceedings "Contemporary Researches in Business Management".
2. Chapter titled "Readiness for Mobile Phone Technologies in India: A Consumer Perspective" Business Management – Key Research Issues, ISBN 9789350620014, Excel Books, New Delhi, 2012, pp 541-562
3. Chapter titled SERVQUAL Measurement in Hypermarkets. Business Management – Key Research Issues, ISBN 9789350620014, Excel Books, New Delhi, 2012, pp 660-674
4. Chapter titled "Impact of Advertising on Children - A Perspective of Adults in Haryana" Business and Management Contemporary Research Issues (Edited Book), ISBN 023032185-2, Macmillan Publishers India Ltd., New Delhi, 2011, pp 369-377

### **Ms. Divya**

#### **Papers Published in Journals/Conference proceedings**

3. Paper titled ICCB 2012 at IIT Delhi Paper in conference proceeding – Divya & Mishra (2012), Attractive Succession Planning :A Mantra for retaining Human Asset. Souvenir 6<sup>th</sup> international Conference on Contemporary Business 2012. ICCB-PS4/02, pp. 88
4. Paper titled Divya & Mishra (2014), " Measuring Personality Traits with 'Big Five' Model: A Scale of Development study" Business Researcher, Vol II issue I, pp. 2-13. ISSN-2321-2659.

#### **Chapter in Edited Book**

1. Paper titled "Myriads of colours from household to corporatism in India" in "Exploring the engagement and empowerment of women: Multidisciplinary Perspectives" by concept Publishing Company Ltd. with ISBN: 978-93-5125-160-6

## Details of Publication of Management Studies

**Dr. AP Sharma**

### **Research Papers Published: 25**

1. Published an research paper entitled **“Emerging Business Opportunities in Packaged Food Industry”** in Conference Proceedings with ISBN 978-93-84869-51-9 of National Conference on **“Make in India: Emerging Trends in Trade & Innovations for Effective Entrepreneurship”** conducted on 17-18 Apr 2015 by Rukmini Devi Institute of Advanced Studies (Affiliated to GGS IP University) New Delhi.
2. Published an article **“PURA: A Syndicated Approach to Rural Urban Linkages”** Kurukshetra - A Journal on Rural Development, Vol. 61 No. 10, Apr 2015, ISSN: 0021-5660
3. Published an article **“Window-shopping to Show-rooming: A Study of Paradigm Shift in Shopping Patterns of Consumers”** in the Conference Proceedings of **“2014 International Conference on Marketing: Concepts to Applications”** organized by DAV Centenary College, Faridabad from 12-13 September 2014.
4. Published a research paper entitled **“Perceptual Study of Rural Consumers for Evaluating and Selecting Banking Services”** in the edited book on **“Application and Role of Statistics in Multidisciplinary Research”** published and released by Central University of Haryana, Mahendergarh as an outcome of National Seminar organized from 23-24 October 2013.
5. Published an article **“Market Forces and the Changing Behaviour of Media Houses in Contemporary Scenario: An Analytical Study”** Vol. 12 No. 1 January-June of Bi-Annual Journal "Effulgence" by Rukmani Devi Institute of Advanced Studies (affiliated to GGS IP University) Delhi.
6. Published an article **“Indian Higher Education at Crossroads: An Analysis”** in University News - A Journal of Higher Education, Association of Indian Universities, Vol. 51 No. 48, December 02-08, 2013. ISSN: 0566-2257
7. Published an article **“Rural Women Empowerment: An Analytical View”** Kurukshetra - A Journal on Rural Development, Vol. 61 No. 10, Aug 2013, ISSN: 0021-5660
8. Published an article **“Gram Sabha Empowerment through Social Audit”** Kurukshetra - A Journal on Rural Development, Vol. 60 No. 10, May 2013, ISSN: 0021-5660
9. A research paper entitled **“The Art and Science of Leadership in Turbulent Times”** presented at National Conference on 20<sup>th</sup>Apr 2013conducted by Rukmini Devi Institute of Advanced Studies (Affiliated to GGS IP University) New Delhi and published as conference proceedings with ISBN 978-93-82122-14-2.
10. A research paper entitled **“Virtual Merchandising: Breaking the Barrier of Traditional Marketing, An Empirical Study”** presented at National Conference on 10<sup>th</sup>Oct 2012conducted by Jamia Milia Islamia University, New Delhi and published as conference proceedings with ISBN 978-93-81505-42-7.
11. A research paper entitled **“Rural Health Scenario in India”** published in Kurukshetra-A Journal on Rural Development, Vol. 60 No. 10, August 2012, ISSN: 0021-5660
12. **“Managing Organizational Change: A Critical Issue for Leadership”** published in CPJ Global Review: An International Journal of CPJ-CHS & School of Law (affiliated to GGS IP University), Vol. V, No. 1 Jul 2013.



## Department of Mathematics

1. **Name of the Department:** Department of Mathematics
2. **Year of establishment:** 2014
3. **Is the Department part of a School/Faculty of the university?**  
Yes, the department is a part of the School of Mathematical and Physical Sciences.
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)** M.Sc. (Mathematics)
5. **Interdisciplinary programmes and departments involved:** Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.** Not Yet
7. **Details of programmes discontinued, if any, with reasons**  
Department has only M.Sc.(Mathematics) programme and no programme has been continued.
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
Semester/Choice Based Credit System
9. **Participation of the department in the courses offered by other departments**  
Yes, Department is participating in the courses offered by department of physics (Physics with practical), and Statistics (Linear programming).
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	03	00	00
<b>Others</b>	00	03*	00

\*The department has two faculties on contract basis and one Guest Faculty; however the University is in the process of filling up the regular post soon.

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided for the last 4 years
Dr Virendra Kumar	Ph.D.	Assistant Professor	Complex Analysis	1.5 years	00
Dr	Ph.D, Post doc	Assistant	Numerical	3.5 years	00

Sharanjeet Dhawan		Professor	Analysis, Finite element methods, Wavelets		
Mr. Ajay Kumar	M.Sc., UGC-CSIR NET	Guest Faculty	Functional Analysis	00 years	00

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil

13. Percentage of classes taken by temporary faculty – programme-wise information:

100%

14. Programme-wise Student Teacher Ratio:

M.Sc. (Mathematics)- 19:1

15. Number of academic support staff (technical) and administrative staff: sanctioned,

Filled and actual: In Process

16. Research thrust areas as recognized by major funding agencies

- Complex Analysis
- Numerical Analysis
- Functional Analysis

17. Number of faculty with ongoing projects from

National	Nil
International funding agencies and	Nil
Total grants received. Give the names of the funding agencies, project title and grants received project-wise.	Nil

18. Inter-institutional collaborative projects and associated grants received

National collaboration	Nil
International collaboration	Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: Nil

20. Research facility /Centre with\*

State Recognition	Nil
National Recognition	Nil
International Recognition	Nil

\*Department is going to have computational laboratory along with software like Matlab, Mathematica, Latex and C++ which are going to be very useful for project and research.

21. Special research laboratories sponsored by / created by industry or corporate bodies:

Nil

22. Publications:

Number of papers published in peer reviewed journals (national	19
--	----



/ international)	
Monographs	00
Chapters in Books	00
Edited Books	00
Books with ISBN with details of publishers	00
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	00
Citation Index – range / average	00
SNIP	00
SJR	00
Impact Factor – range / average	00
h-index	00

23. **Details of patents and income generated:** Nil

24. **Areas of consultancy and income generated:** Nil

25. **Faculty selected nationally / internationally to visit other laboratories / institutions**

**Industries in India and abroad:** Nil

26. **Faculty serving in**

I. **National committees:** Nil

II. **International committees:** Nil

III. **Editorial Boards:** Dr. Virendra Kumar is reviewer to the Kournoup Journal of Mathematics and referee to the Bulletin of Malaysian Mathematical Society.

**Any other (please specify)**

**Dr. Virendra Kumar**

- In-charge of the department of department of mathematics
- Is a member of Purchase committee of the Central University of Haryana.
- Is the faculty co-ordinator of UGC-NET cell for the mathematical reasoning.
- Is also member of Rashtriya Aviskar Abhiyan cell of the CUH

**Dr. Sharanjeet Dhawan**

- Is Faculty advisor to the Central University of Haryana Mathematical Society (CUHMS) and also time table in-charge of the department of mathematics
- Is also member of Rashtriya Aviskar Abhiyan cell of the CUH
- Is a member of of UGC-NET cell for the mathematical reasoning

27. **Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Regular faculties are allowed to attend national, international conferences, workshops, refresher courses.

**Workshops/ Conferences and school attended by Dr. Sharanjeet Dhawan:**

1. Advanced Training in Mathematics Schools, ISL Numerical Analysis (2014), Panjab University, Chandigarh, India (June 09-28, 2014).
2. Orthogonal Spline Collocation Methods for Partial Dierential Equations, Sauth Asian University, New Delhi-110021, India (March 21-24, 2014).
3. Summer School on Numerics and Control of PDEs, Indo-French Centre for Applied Mathematics (IFCAM), IISC Banglore, India (July 22 - August 02, 2013).
4. AdvancedWorkshop on Theoretical and Computational Aspects of NonlinearWaves, IIT Bombay, India (May 27- May 31, 2013).
5. Instructional Workshop on Applied Mathematics, Suth Asian University, New Delhi-110021, India (May 6-10, 2013).
6. Workshop on Parallel Computing using HPCC, Department of Physics, Panjab University, Chandigarh, India (March 21-22 2013).
7. TEQIP-II sponsored Short Term Course on Recent Trends in Advanced Materials and Computing Techniques, NIT Jalandhar, India (March 11-15, 2013).
8. International Conference on Biomedical Engineering and Assistive Technologies, NIT Jalandhar, India (Dec 6-7, 2012).
9. Advanced Instructional School-(Numerical Analysis), Panjab University, Chandigarh, India (June18-July7,2012).
10. International Congress of Mathematics (ICM 2010), Hydrabad, India (August 19-27,2010).
11. International Conference on Recent Trends in Mathematics and its Applications(ICRTMA-09), Jamia Milia Islamia University, New Delhi, India (March 30-31, 2009).
12. International Conference in honour of Late Prof.S.L.Yadava TIFR, Bangalore,India (Jan. 7-9, 2009).
13. International Conference on Scienti\_c Computing 09, Las Vegas, Nevada, U.S.A.(July 13-16, 2009).
14. National Conference on Biomechanics, IIT Roorkee, India (March 7-8, 2009).
15. Advanced Instructional School in Partial Differential Equations (AIS-PDE), TIFR Bangalore, India (Dec.15- Jan. 6, 2009).
16. Instructional School on PDEs and National Symposium on HPDEs (CPDE-08), IIT Bombay,India (June 22- July 17, 2008)

**Workshops/ Conferences and school attended by Dr. Virendra Kumar:**

1. Attended Two weeks short term training program on "Advanced Web Designing" organized by Department of Applied Mathematics, Delhi Technological University, Delhi during 15–24 July 2014.
2. Attended Two weeks short term training programme on "SPSS (Statistical package for social sciences) and Matlab" Organized by Dept of Applied Mathematics, Delhi Technological University, during Feb 4-15th, 2013.
3. Presented a research paper entitled "Subordination and superordination for multivalent functions defined by linear operators" the 20th International Conference on finite or infinite dimensional Complex Analysis and Applications-2012 (ICFIDCAA) held at Hanoi, Vietnam during 29th July - 3rd August, 2012.

4. Presented a research paper entitled "On Fekete-Sezegö problem for some subclasses of analytic functions defined by Hadamard product" in the International conference of mathematical sciences and applications, 18th December 2011, Delhi.
5. Presented a paper entitled "Estimates for the initial coefficients of bi-univalent functions" in the national conference MMCS-12 at BHU-IT, Varanasi, held during 23-26 March 2012.
6. Attended "Advanced Training in Mathematics Workshop in Complex Analysis-2013 (ATMW-2013)" at Central University of Rajasthan, Bandarsindiri, Kishangarh during MARCH 15-19, 2013.
7. Participated in the International workshop on "Complex Analysis and its Applications (CAA-2012)", held during 11-15 June-2012 at Walchand College of Engineering, Sangli-416415, Maharashtra, India.
8. Participated in "One Day Seminar-Cum-Workshop on Mathematics and Computing", on 22nd March-2012, held at Delhi Technological University, Delhi.

**Workshops/ Conferences and school attended by Mr. Ajay Kumar:**

1. DST-sponsored 2012 SERB school (16th April-11th May) on Multivariable and Matrixvariable Calculus with Applications', held at CMS, Pala.
2. Legacy of Srinivasa Ramanujan-An International Conference' held at the University of Delhi, Dec 2012.
3. MATLAB and Simulink Academic Tour 2013' held at Cluster Innovation Centre, University of Delhi, Sept. 2013.
4. International Workshop on Operator Theory and its Applications' held at IISC, Bangalore, Dec 2013.

**28. Student projects\***

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	Nil
<b>Percentage of students doing projects in collaboration with other universities industry / institute</b>	Nil

\*M.Sc. (Mathematics) student has a compulsory project in their syllabus of the fourth Semester.

**29. Awards / recognitions received at the national and international level by**

<b>Faculty</b>	Nil
<b>Doctoral / post doctoral fellows</b>	Nil
<b>Students</b>	03*

\*

1. Pooja Yadav, M.Sc 3<sup>rd</sup> sem, has won the third prize in the **state level** yoga Competition organized by Indian Yoga Federation, 2015.
2. Shiv Kumar, M.Sc 3<sup>rd</sup> sem, got the first prize in quiz contest in Youth Red Cross Camp (**National level**) sept 16 -sep 22, 2015.
3. Beena Kumari, M.Sc 3<sup>rd</sup> sem has won the First position in skit in Youth Red Cross Camp (**state level**) 30 August-04 Sep., 2015.

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any:**

1. Organized Extension lecture by Prof. Ravichandran, Professor, Department of Mathematics, Delhi University, Delhi, March, 2015.
2. Organized an extension lecture by Prof. Renu Chugh, Professor, Department of Mathematics, Maharishi Dayanand University, Rohtak, Nov, 2014

3. Organized Quiz Competition under the School of Physical and Mathematical Sciences, Nov, 2014.
4. Organized expert lectures by Prof. H. P. Dikshit, Former Vice-Chancellor of INDOU. These all programmes were fully funded by the Central University of Haryana.

**31. Code of ethics for research followed by the departments:**

Yes, through plagiarism check.

**32. Student profile programme-wise:**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>2014-15</b>					
M.Sc.(Mathematics)	780	17	13	NA*	NA*
<b>2015-16</b>					
M.Sc.(Mathematics)	1474	16	12	NA*	NA*

\*Department yet to produce its first batch

**33. Diversity of students**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2014-15</b>				
M.Sc.	00	67.24%	32.76%	00
<b>Session 2015-16</b>				
M.Sc.	00	67.85	32.14	00

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

<b>General</b>	00
<b>OBC</b>	00
<b>SC</b>	00
<b>ST</b>	01 (Irfan Khan, M.Sc. Second year, UGC-CSIR NET, JUNE, 2015)
<b>Total</b>	01

**35. Student Progression**

Student Progression	Percentage against enrolled
<b>UG to PG</b>	Nil*
<b>PG to M.Phil.</b>	Nil*

<b>PG to Ph.D.</b>	Nil*
<b>Ph.D. to Post-Doctoral</b>	Nil*
<b>Employed</b>	Nil*
<ul style="list-style-type: none"> <li>• <b>Campus selection</b></li> <li>• <b>Other than campus recruitment</b></li> </ul>	Nil*
<b>Entrepreneurs</b>	Nil*

\*Department yet to produce its first batch.

**36. Diversity of Staff**

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	0%
<b>from other universities within the State</b>	0%
<b>From universities from other States</b>	100%
<b>From universities outside the country</b>	0%

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:**

01 (Dr. Virendra Kumar from Delhi Technological University (Formerly Delhi College of Engineering), Delhi, however Mr. Ajay Kumar, Guest faculty, is pursuing Ph.D. from University of Delhi)

**38. Present details of departmental infrastructural facilities with regard to**

<b>Library</b>	Yes (The University Library)
<b>Internet facilities for staff and students</b>	Yes (campus is fully wifi)
<b>Total number of class rooms</b>	02
<b>Class rooms with ICT facility</b>	Nil*
<b>Students' laboratories</b>	01**
<b>Research laboratories</b>	Nil**

\*Department is in the process of purchasing multimedia projectors and screen to make this facility available in the department.

\*\* Department is in the process of acquiring a computational laboratory

**39. List of doctoral, post-doctoral students and Research Associates**

<b>From the host institution/university</b>	Nil*
<b>From other institutions/universities</b>	Nil*

\*Department yet to start research programme.

**40. Number of post graduate students getting financial assistance from the university.**

Nil (some of the students have applied and their applications are under consideration)

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, department use to take suggestions from internal and external experts for their expert view and criticism to fine tune and incorporate to improve the things and for framing the syllabus.

**42. Does the department obtain feedback from Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

Yes, the department use to take suggestions from internal and external experts and into consideration for framing the syllabus the course structure of Department of Mathematics has been designed with the assistance of three external experts from different Universities. Also the departmental call the meetings of faculty to discuss the course structure and syllabus time to time.

***Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?***

Yes, curriculum as well as teaching methodology is improved through interaction with students and faculty members. Students' feedback is also analyzed.

***Alumni and employers on the programmes offered and how does the department utilize the feedback?***

Department is yet to produce alumni, but department has plan to take their feedback to improve the quality of education.

**43. List the distinguished alumni of the department (maximum 10)**

Yet to be produced as was established in 2015.

**44. Give details of student enrichment programmes (special lectures/workshops / seminar) involving external experts.**

The department organizes expert and extension lectures and invited talks and competitions which is open for the all students of university, in the department for all over development of the students. The department has its society, Central University of Haryana Mathematical Society (CUHMS) which aims to build cooperation between mathematics and the worlds of science and technology through our publications, research, and community. The purpose of this society is to generate interest in pure and applied Mathematics and Computational science by providing students opportunities to:

- Share ideas and enthusiasm with fellow students and faculty from any relevant department on campus
- Explore career opportunities
- Make contacts that will last a lifetime
- Develop leadership skills

In the recent past the department has organized the following events for the to fulfill the aim and purpose of the society:

- Organized Extension lecture by Prof. Ravichandran, Professor, Department of Mathematics, Delhi University, Delhi, March, 2015.
- Organized an extension lecture by Prof. Renu Chugh, Professor, Department of Mathematics, Maharishi Dayanand University, Rohtak, Nov, 2014
- Organized Quiz Competition under the School of Physical and Mathematical Sciences, Nov, 2014.
- Organized expert lectures by Prof. H. P. Dikshsit, Former Vice-Chancellor of INDOU on the occasion of Birthday of Former President of India, Dr. APJ Abdul Kalam, 15-10- 2015.

These all programmes were fully funded by the Central University of Haryana.

**45. List the teaching methods adopted by the faculty for different programmes.**

- Lecture Method

- Tutorials
- Power Point Presentations
- Lab

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Through the test, midterm exams, interactive method of teaching and presentation.

**47. Highlight the participation of students and faculty in extension activities.**

Students are involved in various activities including:

- Quiz competition
- Yoga
- Red Cross Society
- NSS Camps
- Essay writing competitions
- Singing and sports

**48. Give details of “beyond syllabus scholarly activities” of the department.**

1. Organized Extension lecture by Prof. Ravichandran, Professor, Department of Mathematics, Delhi University, Delhi, March, 2015.
2. Organized an extension lecture by Prof. Renu Chugh, Professor, Department of Mathematics, Maharishi Dayanand University, Rohtak, Nov, 2014
3. Organized Quiz Competition under the School of Physical and Mathematical Sciences, Nov, 2014.
4. Organized expert lectures by Prof. H. P. Dikshit, Former Vice-Chancellor of INDOU. These all programmes were fully funded by the Central University of Haryana.
5. Department organized SUDUKO, QUIZ and Extempore competitions on 16-10-2015 under the CUHMS.
6. Students of the department are actively participating in various activities at university, District, state and national level competitions including, Quiz competitions, Yoga Red Cross Society, NSS Camps, Essay writing competitions, singing and sports.
7. Faculty of the department are contributing in teaching student for UGC-NET exams, particularly, reasoning and data analysis.

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.** No

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Yet to be, Once department has regular faculty department plans to start Ph.D. program in Mathematics.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department.**

**Strength**

- i. Updated Syllabus suitable for competition
- ii. Department offers elective courses which are very useful for career point of view

- iii. Inter-disciplinary approach in teaching-learning and research
- iv. Well qualified and diverse faculties
- v. Tutorials, doubt removal sessions, invited talks and guest lectures are frequently organized to strengthen students' knowledge and to keep them updated.

#### **Weakness**

- i. Limited no. of faculties
- ii. Lack of infrastructure
- iii. Lack of supporting Staff
- iv. Non-existence of computational laboratory
- v. No specific departmental library

#### **Opportunities**

The young and dynamic faculties and students are prime assets of the department of Mathematics which envisages a positive, robust and rapid emergence of the department in the academic arena. The M.Sc. course offered by the department has a well organized syllabus which is very useful to the student for future prospective.

#### **Challenges**

- i. Placement of the students.
- ii. In spite of lack of Lab infrastructure and departmental library, the students would be trained with the assistance of neighbouring/sister departments/ institutions.
- iii. All round development of the students.
- iv. To enhance student confidence level by providing communications and personality development class
- v. To diversify the students towards various courses for enhancing interdisciplinary research and development.

#### **52. Future plans of the department.**

- To establish a Computer Lab for the mathematics students to develop programming skills in the students.
- To establish a Departmental Library.
- To organize workshops, conferences, training programs, seminars, invited talks, and other such activities for discussing various contemporary and theoretical issues. This would facilitate skill development and knowledge enhancement among students, researchers and faculties.
- Department plans to adopt students exchange scheme for research and development one regular faculties are appointed and research programme start.
- Department is preparing a course on complex variables and Numerical analysis to be initiated as MOOC programme.
- Placement of the students.
- In spite of lack of Lab infrastructure and departmental library, the students would be trained with the assistance of neighbouring/sister departments/ institutions.
- All round development of the students.



## Department of Microbiology

1. **Name of the Department:** Microbiology
2. **Year of establishment:** 2015
3. **Is the Department part of a School/Faculty of the university?**  
Yes (School of Interdisciplinary and Applied Sciences)
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**  
M.Sc. Microbiology (Since 2015)

Approval for the commencement of Ph.D programme has been taken in October 2015 and admissions shall be initiating from 2016 onwards

5. **Interdisciplinary programmes and departments involved**  
Generic elective course is offered by our department to the departments of Environmental science, Biochemistry and Nutritional Biology. Our students have opted for Generic elective course from the department of Biochemistry.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**  
Our department is in the process for collaboration with industries regarding the practical work to be carried out by our post graduate students.
7. **Details of programmes discontinued, if any, with reasons**  
No
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
Semester & Choice Based Credit System
9. **Participation of the department in the courses offered by other departments**  
Yes, Generic elective course being offered by Department of Biochemistry
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	04	02*	00
<b>Others</b>	01	01**	00

\*Contractual

\*\*Vice-chancellor, Central university of Haryana, has teaching and research interests in Microbiology and Biotechnology, hence is affiliated to Department of Microbiology and Biotechnology

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No.	of	No.	of

				<b>Years of Experience</b>	<b>Ph.D./M.Phil. Students guided for the last 4 years</b>
Prof. R.C. Kuhad	Ph.D, M.Sc	Assistant Professor	Industrial Microbiology, Environmental Microbiology	32	
Deepika Mehta	Ph.D, M.Sc	Assistant Professor	Microbiology	1	None
Richa Sharma	Ph.D, M.Sc	Assistant Professor	Microbiology	3	None

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

The department plans to invite senior Visiting Fellow, adjunct faculty and emeritus professors in the near future.

**13. Percentage of classes taken by temporary faculty – programme-wise information**

100%

The recruitment of permanent faculty is already in process as the teaching posts have been advertised.

**14. Programme-wise Student Teacher Ratio**

M.Sc.- 15:2

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

The recruitment of technical staff is in process.

**16. Research thrust areas as recognized by major funding agencies**

Microbiology, industrial microbiology, environmental microbiology and related research

**17. Number of faculty with ongoing projects from**

<b>National</b>	<b>Dr. Richa Sharma</b>	Project entitled 'Bacterial $\gamma$ -glutamyl transpeptidase: Characterization and application as debittering enzyme', sanctioned by DST under the Fast Track Young Scientist Scheme on September 2013 for a period of three years
	<b>Prof. R.C. Kuhad</b>	Development of pretreatment strategies and bioprocess for improved production of cellulolytic enzymes and ethanol from crop byproduct for demonstration at pilot plant, sanctioned by MNRE
		Development of seaweeds biorefinery and pilot demonstration of bioethanol production, sanctioned by DBT
		Production on courseware e-content

		Development for Post-Graduate Subject 'Microbiology' (e-PG Pathshala), sanctioned by UGC
		DBT Virtual Enzyme Centre-Development of enzyme formulations for treatment of ligno-cellulosic biomass, sanctioned by DBT
<b>International funding agencies and</b>		Nil
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	Project entitled 'Bacterial $\gamma$ -glutamyl transpeptidase:Characterization and application as debittering enzyme', sanctioned by DST under the Fast Track Young Scientist Scheme on September 2013 for a period of three years	Rs. 23,00,000/-
	Development of pretreatment strategies and bioprocess for improved production of cellulolytic enzymes and ethanol from crop byproduct for demonstration at pilot plant, sanctioned by MNRE	Rs. 1,48,47,400/-
	Development of seaweeds biorefinery and pilot demonstration of bioethanol production, sanctioned by DBT	Rs. 74,82,000/-
	Production on courseware e-content Development for Post-Graduate Subject 'Microbiology' (e-PG Pathshala), sanctioned by UGC	Rs. 1,12,00,000/-
	DBT Virtual Enzyme Centre-Development of enzyme formulations for treatment of ligno-cellulosic biomass, sanctioned by DBT	Rs. 85,75,000/-
	Nil	
	Total Grant	Rs. 4,44,04,400/-

**18. Inter-institutional collaborative projects and associated grants received**

<b>National collaboration</b>	Nil
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<b>International collaboration</b>	Nil
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**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**  
**Prof. R. C. Kuhad**

- Development of seaweeds biorefinery and pilot demonstration of bioethanol production, sanctioned by DBT
- DBT Virtual Enzyme Centre-Development of enzyme formulations for treatment of ligno-cellulosic biomass, sanctioned by DBT

**20. Research facility / centre with**

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

**21. Special research laboratories sponsored by / created by industry or corporate bodies**  
 The department has initiated MoU with several industries regarding post graduate research and Ph.D research.

**22. Publications:**

<b>Number of papers published in peer reviewed journals (national / international)</b>	<b>Prof. R.C. Kuhad</b> Total = 138 Since 2009, International: 53 Since 2009, National: 4 <b>Dr. Deepika Mehta</b> International = 4 <b>Dr. Richa Sharma</b> International = 12
<b>Monographs</b>	00
<b>Chapters in Books *</b>	Prof. R.C. Kuhad: 33 Dr. Deepika Mehta: 2 (lessons = 1) Dr. Richa Sharma: 2 (lessons = 3)
<b>Edited Books</b>	
<b>Books with ISBN with details of publishers</b>	Prof. R.C. Kuhad: 04
<b>Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO</b>	<b>Prof. R.C. Kuhad: 89</b> (53 research papers, 4 review articles, 32 book chapters)

host, etc.)	<p><b>Dr. Deepika Mehta</b> 6 (4 research papers, 2 book chapters)</p> <p><b>Dr. Richa Sharma</b> 13 (11 research articles, 1 review article, 1 book chapter)</p>
Citation Index – range / average	<p><b>Prof. R.C. Kuhad</b> Total Citations = 2677, citation average = 15.8</p> <p><b>Dr. Deepika Mehta</b> Total Citations = 41, i10 index = 1, citation average = 10</p> <p><b>Dr. Richa Sharma</b> Total Citations = 128, i10 index = 5, citation average = 10.3</p>
SNIP	<p>Out of 68 (53+4+11) research articles of all faculty, 57 are enlisted in SNIP catalog at journalmetrics.com</p> <p><b>Prof. R. C. Kuhad</b> Total SNIP = 56.82</p> <p><b>Dr. Deepika Mehta</b> Total SNIP : 4.635</p> <p><b>Dr. Richa Sharma</b> Total SNIP: 14.01</p>
SJR	<p>Total 57 research articles are enlisted in SJR catalog</p>
Impact Factor – range / average	<p><b>Prof. R.C. Kuhad</b> Impact factor range: 0.1 – 7.837</p> <p><b>Dr. Deepika Mehta:</b> Impact factor range: 2.8 – 3.73 Impact factor average: 3.275</p> <p><b>Dr. Richa Sharma:</b> Impact factor range: 1.38 – 7.8</p>

	Impact factor average: 2.62
<b>h-index</b>	Prof. R.C. Kuhad: 30 Dr. Deepika Mehta: 4 Dr. Richa Sharma: 8

**23. Details of patents and income generated**

**Patents filed: Dr. R. C. Kuhad**

<b>1</b>	<b>Title</b>	Method of producing alkalothermostable xylanase from <i>Bacillus pumilus</i> MK001 by solid state fermentation
	<b>Inventors</b>	<b>R. C. Kuhad &amp; Mukesh Kapoor</b>
	<b>File No</b>	<b>IN 984 DEL 2008</b>
<b>2</b>	<b>Title</b>	A process for production of fermentation sugars from lignocellulosic substrates
	<b>Inventors</b>	<b>R. C. Kuhad &amp; Rishi Gupta</b>
	<b>File No</b>	<b>IN 1348DEL2011</b>
<b>3</b>	<b>Title</b>	A Bioconversion method to improve nutritional properties of lignocellulosic residues
	<b>Inventors</b>	<b>R. C. Kuhad, Bhuvnesh Shrivastava &amp; Anup Kalra</b>
	<b>File No</b>	<b>IN 4039DEL2012</b>
<b>4</b>	<b>Title</b>	A novel process for biobleaching of kraft pulps employing laccase and xylanase enzymes and oxygen as mediator.
	<b>Inventors</b>	R. K. Jain, Vasanta Vadde Thakur, <b>R. C. Kuhad</b> & R. M. Mathur
	<b>File No</b>	<b>IN2944/DEL/2013</b>

**24. Areas of consultancy and income generated**

Nil

**25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad**

**Prof. R.C. Kuhad**

<b>S. No.</b>	<b>Type of Assignment</b>	<b>Funded by</b>	<b>Associated with the person/Institution</b>
<b>1</b>	<b>Participation in International Conference at Lisbon, Portugal (2-4</b>	Visit funded by University of Delhi.	Oral presentation in 3 <sup>rd</sup> International Conference on Environmental, Industrial and

	December, 2009).		applied Microbiology.
2	Visit to deliver lectures and discussion about research collaboration (19-25 September, 2010).	Funded by Tampere University of Technology, Finland	Prof. Matti Karp, Department of Chemistry and Biochemical Engineering, Tampere University of Technology, Tampere, Finland.
3	Delivering lectures at 4 <sup>th</sup> Interdepartmental twinning symposium at Tammela, Tampere, Finland (28 September-5 October, 2011).	Funded by Tampere University of Technology, Finland	Prof. Matti Karp, Department of Chemistry and Biochemical Engineering, Tampere University of Technology, Tampere, Finland.

## 26. Faculty serving in

<b>National committees</b>	<b>Prof. R. C. Kuhad</b>
	<ul style="list-style-type: none"> <li>• <b>Joint Director, Institute of Life Long Learning (ILLL)</b>, University of Delhi South Campus, New Delhi. (2012 onwards)</li> <li>• <b>Member-UGC Standing Committee</b> on developing courseware E-content for P.G. subjects (2011-2012).</li> <li>• <b>Chairman</b>, Subcommittee of the Standing Committee for the Task of Production of Courseware e-Content for Post-graduate subjects by University Grant Commission, New Delhi (2012-2014)</li> <li>• <b>Chairman</b>, Expert Committee of the Twinning Program for North-Eastern Region (Environmental Biotechnology and Allied areas) constituted by Department of Biotechnology, Ministry of Science and Technology (Government of India) (2013-2015)</li> <li>• <b>Expert Member, Steering Committee</b> for the Center of Excellence Program of the Ministry of Environment and Forest, Govt. of India at CEMDE, DU (2005-onwards).</li> <li>• <b>Member</b>, APEX Committee for North-Eastern Region (Environmental Biotechnology and Allied areas) constituted by Department of Biotechnology, Ministry of Science and Technology (Government of India) (2013-2015)</li> <li>• <b>Member Monitoring Committee</b>, for granting the status of “University of Potential with Excellence” (UPE) by University Grant Commission, New Delhi (2014)</li> <li>• <b>Member</b>, UGC Committees for granting 2-‘F’ and 12-‘B’ status to various Universities (2010 onwards)</li> <li>• <b>Member Planning and Monitoring Board</b>, National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Sonapat, Haryana (2013-2014)</li> <li>• <b>Member, Internal Quality Assurance Cell (IQAC)</b>, Guru Jambheshwar University of Science and Technology, Hisar, Haryana (2013-2014)</li> <li>• <b>Member, Academic Audit Committee</b>, Kurukshetra University, Kurukshetra</li> </ul>

	<p>(2013 onwards)</p> <ul style="list-style-type: none"> <li>• <b>Treasurer, General Secretary, President Elect and President of Association of Microbiology (AMI)</b> since 1992,</li> <li>• <b>Joint Director, Institute of Life Long Learning (ILLL)</b>, University of Delhi South Campus, heading a team of Fellows working for e-content development for under-graduate courses in Science subjects (since April 2012 onwards).</li> <li>• <b>Member Executive Committee</b>, National Accreditation and Assessment Council (NAAC), New Delhi (2015 onwards)</li> <li>• <b>Member Planning and Monitoring Board</b>, National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Sonapat, Haryana (2013-2014)</li> <li>• <b>Member, Governing Council</b>, Inter-University Accelerator Centre, New Delhi (2013-2015)</li> <li>• <b>Chairman, Central Pool Grievance Committee</b>, University of Delhi, Delhi (2011-2015)</li> <li>• <b>Member Executive Council</b>, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonapat, Haryana (2011-2013).</li> <li>• <b>Member Academic Council</b>, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonapat, Haryana (2008-2010).</li> <li>• <b>Member Establishment Committee</b>, Guru Jambheshwar University of Science and Technology, Hisar, Haryana (2000-2003; 2007-2010).</li> <li>• <b>Member Establishment Committee</b>, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Haryana (2012-2013)</li> <li>• <b>Member Advisory Committee</b>, Centre with Potential for Excellence in Particular Area, University of Mysore, Mysore (2013)</li> <li>• <b>Member, Academic Audit Committee</b>, Guru Jambheshwar University of Science and Technology (2013 onwards)</li> <li>• <b>Member, Academic Audit Committee</b>, Kurukshetra University, Kurukshetra (2013 onwards)</li> <li>• <b>Member, Board of Research Studies</b>, Faculty of Inter-disciplinary and Applied Sciences, University of Delhi (2001-2003; 2005-2008; 2013-2015)</li> <li>• <b>Member, P.G. Board of Studies in Microbiology</b>, M.D. University, Rohtak, Haryana (2013-2015)</li> <li>• <b>Member, Board of Studies in Microbiology</b>, Maharaja Ganga Singh University, Bikaner, Rajasthan (2014-2016)</li> <li>• <b>Member, Board of studies in Biotechnology</b>, Himachal Pradesh University, Shimla (2008-2010)</li> <li>• <b>Chairman Course committee</b> on Faculty of Interdisciplinary and Applied Sciences, University of Delhi South Campus, New Delhi (2006-2008).</li> <li>• <b>Member Committee of Courses in Microbiology</b>, U. D. S. C. New Delhi (1988-present).</li> </ul>
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	<ul style="list-style-type: none"> <li>• <b>Member, P.G. Board of Studies in Microbiology and Biotechnology, M.D.U, Rohtak (2009-2010)</b></li> <li>• <b>Member, Departmental Research Committee, Faculty of Medical Sciences, University of Delhi, Delhi (2013-2015)</b></li> <li>• <b>Member, Departmental Research Committee, Department of Microbiology, University of Delhi South Campus (1988- present).</b></li> <li>• <b>Member Departmental Research Committee, Department of Zoology, University of Delhi , Delhi (2013-2014)</b></li> <li>• <b>Member Reserch Development and Patent Council Advisory Committee, MD University, Rohtak, Haryana (2014-2016).</b></li> <li>• <b>Member, Research Degree Committee, Department of Microbiology, CCS University, Meerut (2009-2011)</b></li> <li>• <b>Member Expert, Research Degree Committee of Life Sciences of Uttarakhand Technical University, Dehradun (June, 2014)</b></li> <li>• <b>Chairman, Governing Body, Acharya Narendra Dev College, University of Delhi Delhi (2014 onwards)</b></li> <li>• <b>Chairman, Governing Body, Saheed Bhagat Singh College, University of Delhi, Delhi (2013 onwards)</b></li> <li>• <b>Member Governing Body, Devanga Arts College, Virudhnagar, Tamilnadu (2012-2018)</b></li> <li>• <b>Member Governing Body, Acharya Narendra Dev College, University of Delhi, Delhi (2013-2014).</b></li> <li>• <b>Member Governing Body, Dayal Singh College, University of Delhi, Delhi (2010-2011).</b></li> <li>• <b>Member Governing Body, P.G.D.A.V college, University of Delhi, Delhi (2006-2007; 2010-2012; 2014-2016)</b></li> <li>• <b>Member Governing Body, Ram Lal Anand College, University of Delhi, Delhi (2012-2014).</b></li> <li>• <b>Member Governing Body, Rani Amrit Kaur College of Nursing, University of Delhi, Delhi (2010-2011).</b></li> <li>• <b>Member Governing Body, Saheed Bhagat Singh College, University of Delhi, Delhi (2006-2010; 2014-2016).</b></li> <li>• <b>Member Review Committee, UGC to evaluate the performance of Universities with Potential of Excellence (2015 onwards)</b></li> <li>• <b>Member, Inspection Committee to conduct the feasibility of imparting UG/PG/Super specialty courses in various Departments/Institutes/ Hospitals of Delhi under Faculty of Medical Sciences, University of Delhi (2013-2014).</b></li> <li>• <b>Member, Bio-safety Committee, J.P. Institutes of Science and Technology, Noida, U.P. (2010-2012)</b></li> <li>• <b>Member, Biosafety Committee, Daiichi Sankyo, Gurgaon (2010-2013)</b></li> <li>• <b>Member, Board of Residence, Health and Discipline, University of Delhi, Delhi (2013-14)</b></li> </ul>
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- **Member, Expert Committee** to visit Mohammad Ali Jauhar University, Rampur nominated by UGC (August, 2014)
- **Member UGC Expert Committee** to visit NIIT University, Neemrana (September, 2014)
- **Member, Expert Committee** to visit University of Calcutta, Kolkata nominated by UGC (August, 2014)
- **Member, Expert Committee** to visit IFTM University, Moradabad nominated by UGC (September, 2014)
- **Member, Mid-Term Monitoring Committee** of University of Rajasthan nominated by UGC (October, 2014)
- **Member, Expert Committee** to visit DAV University, Sarmastpur for on spot assessment appointed by UGC (June, 2014)
- **Chairman, Subcommittee** of the standing committee for the task of production of courseware e-content for post-graduate subjects by University Grant Commission, New Delhi (2013-2014)
- **Member-UGC Standing Committee** on developing courseware E-content for P.G. subjects (2012-2014).
- **Expert Member, Steering Committee** for the Center of Excellence Program of the Ministry of Environment and Forest, Govt. of India at CEMDE, University of Delhi, Delhi (2005-onwards).
- **Member- Task Force of Animal Biotechnology, Department of Biotechnology**, Government of India, New Delhi (2010-2013)
- **Member, APEX Committee** for North-Eastern Region (Environmental Biotechnology and Allied areas) constituted by Department of Biotechnology, Ministry of Science and Technology, Government of India (2013-2015)
- **Chairman, Expert Committee** of the Twinning Program for North-Eastern Region (Environmental Biotechnology and Allied areas) constituted by Department of Biotechnology, Ministry of Science and Technology (Government of India) (2013-2015)
- **Member, Research Advisory committee (RAC)**, National Bureau of Agriculturally Important Microorganisms (ICAR), New Delhi (2013-2015)
- **Member, Bio-safety Committee** of Daiichi Sankyo, Gurgaon (2010-2013)
- **Member of the jury for Merck-India Innovation Award** for innovative research by Indian Scientists (2012 onwards)
- **Member for developing a Fix Point Chart for transmission** of educational programs on its 24x7 Vyas Higher Education Channel under Consortium for Educational Communication-an Inter University Centre of University Grants Commission (September, 2013).
- **Member, Expert Committee** for fresh induction/review of existing microbiology departments under scheme of special assistance program (SAP) nominated by UGC (July, 2014)

**Dr. Deepika Mehta**

- **Rate Contract Committee (RCC)** of Central University of Haryana: 2015 onwards
- **Standing Purchase Committee (SPC)** of Central University of Haryana: 2015 onwards

	<ul style="list-style-type: none"> <li>• Lifetime Member: AMI (Association of Microbiologists of India)</li> <li>• Annual Member of ASM (American Society of Microbiology): 2012-13</li> </ul> <p><b>Dr. Richa Sharma</b></p> <ul style="list-style-type: none"> <li>• <b>Budget/fund allocation Committee</b> of Central University of Haryana : 2015 onwards</li> <li>• <b>Rate Contract Committee (RCC)</b> of Central University of Haryana: 2015 onwards</li> <li>• <b>Unnat Bharat Abhiyan Committee</b> of Central University of Haryana : 2015 onwards</li> <li>• <b>Science Conclave Committee</b> of Central University of Haryana: 2015 onwards</li> <li>• <b>Rashtriya Avishkar Abhiyan committee</b> of Central University of Haryana: 2015 onwards</li> <li>• <b>Lifetime Member:</b> AMI (Association of Microbiologists of India)</li> </ul>
<b>International committees</b>	Nil
<b>Editorial Boards</b>	<p><b>Prof. R.C. Kuhad</b></p> <ul style="list-style-type: none"> <li>• <b>Associate Editor</b>, Annals of Microbiology (2012 onwards)</li> <li>• <b>Editor</b>, Scientific Reports (Nature Publishing Group) (2011-2014) (2015 onwards)</li> <li>• <b>Editor</b>, Advances in Biology (2014 onwards)</li> <li>• <b>Editor</b>, Journal of Fungal Biology and Biotechnology (2014 onwards)</li> <li>• <b>Editor</b>, Journal of Sustainable Bioenergy Systems (2013 onwards)</li> <li>• <b>Editor</b>, Indian Journal of Microbiology (2006- onwards)</li> <li>• <b>Guest-Editor</b>- Special Issue of 3 Biotech (2011), an International Journal</li> <li>• <b>Guest-Editor</b>- Special Issue of Biodegradation (2010), an International Journal</li> <li>• <b>Reviewer for research papers for International journals:</b> Biotechnology for Biofuels, BMC Biotechnology, Biodegradation, Journal of Applied Microbiology, Biotechnology Progress, Bioprocess and Biosystem Engineering, International Journal of Hydrogen Energy, Fuel, National Academy Science Letters, International Journal of Biodegradation and Biodeterioration, Journal of cleaner production, Applied Microbiology and Biotechnology, Environmental Progress, Biotechnology and Bioprocess Engineering, Chemosphere, Journal of Plant Pathology, Scientific Research, Annals of Microbiology, Industrial Microbiology and Biotechnology, Gene, Journal of Bioscience and Bioengineering, New Biotechnology, Energy Policy, Biochemical Engineering Journal, Journal of Biotechnology, Central European Journal of Chemistry, Bioenergy Research, Biotechnology Advances, Journal of Molecular Catalysis B: Enzymatic, Engineering in Life Science, Applied Biochemistry and Biotechnology, Renewable and Sustainable Energy Reviews, Process Biochemistry, Bioresource Technology, , Brazilian Journal of Microbiology, Enzyme and Microbial Technology, Indian Journal of Microbiology, and FEMS Microbiology Letters.</li> </ul>

	<b>Dr. Deepika Mehta</b> <ul style="list-style-type: none"> <li>• <b>Assistant Editor</b> in 'Indian Journal of Microbiology and related research' since Oct 2014.</li> <li>• <b>Active reviewer</b> for 'African Journal of Microbiology'.</li> </ul>
Any other (please specify)	N/A

**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).  
Prof. R.C. Kuhad**

S. No.	Programme	Duration	Organised by
1	Inorganic Biochemistry Summer Workshop- 1995	10 days	University of Georgia, Athens, U.S.A. July 29- August 9, 1995.
2	Refresher Course on "Software Applications on Personal Computer"	24 days	Computer Centre, University of Delhi South Campus and sponsored by CPDHE, University of Delhi, December 23, 1992- 15 January, 1993
3	Short term course on "Analysis And Design Of Novel Bioreactors	15 days	Biotechnology Division, Department of Chemical Engineering I.I.T. Kharagpur, sponsored by Department of Biotechnology (Govt. of India), New Delhi, May, 10-24, 1989
4	Winter School on "Modern analytical and biochemical Engineering Methods for Engineers and Scientists"	14 days	Department of Chemical Engineering, Andhra University, Visakhapatnam, sponsored by Department of Biotechnology (Govt. of India), New Delhi, December 28, 1988 to January 10, 1989
5	Short term course in Fortran- arranged by Department of Computer Science and Application	15 days	Bhopal University, Bhopal and sponsored by Madhya Pradesh Council of Science and Technology, Bhopal, 25 March to 19 April, 1985
6	Environment Science Training Course	7 days	Youth and Biosphere and Department of Environment, Government of Madhya Pradesh (India), June 5-11, 1981 and June 5-11, 1982

**Dr. Deepika Mehta**

S. No.	Programme	Duration	Organised by
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1.	Seminar and training on Spectral Confocal LASER Scanning Microscopy (2011)	3 days	Leica and Labindia
2	ASM (American Society for Microbiology) 'Virtual workshop on Scientific Writing and Publishing' (22 nov 2012)	1 Days	Kalinga Institute of technology, Bhubaneswar, Odisha.

## 28. Student projects

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	Our 1 <sup>st</sup> semester students shall be carrying out dissertation research project as soon as they are promoted to 4 <sup>th</sup> semester (i.e. in 2016-17).
<b>Percentage of students doing projects in collaboration with other universities industry / institute</b>	Nil

## 29. Awards / recognitions received at the national and international level by

<b>Faculty</b>	<p><b>Prof. R.C. Kuhad</b></p> <ul style="list-style-type: none"> <li>• Association of Microbiologists of India (AMI)- Dr. G.B. Manjrekar Award (2014)</li> <li>• Association of Microbiologists of India (AMI) Platinum Jubilee Life Time Achievement Award (2013)</li> <li>• Association of Microbiologists of India (AMI) Titan Biotech Award (2011).</li> <li>• The American Society for Microbiology Best Poster Prize for the poster "Influence of Ganoderma sp. RCKK-02 .....in goats" during the International Symposium on Recent Advances in Cross-disciplinary Microbiology: Avenues and Challenges at BIT, Mesra, Ranchi, India. (2010)</li> <li>• Awarded with Second prize for Best Research Poster in the field of "Microbes in Food and Fermentation" during the 20<sup>th</sup> Annual Conference of AMI at National Chemical Laboratory, Pune, India (2009)</li> </ul> <p><b>Dr. Deepika Mehta</b></p> <ul style="list-style-type: none"> <li>• Foreign travel grant awarded by CSIR in 2013</li> <li>• Awarded Junior Research Fellowship (JRF) and Senior Research Fellowship (SRF) by Council of Scientific and Industrial Research (CSIR-NET) [2009-2014].</li> </ul> <p><b>Dr. Richa Sharma</b></p> <ul style="list-style-type: none"> <li>• Awarded the "Young Scientist Award" for Environmental Microbiology by Association of Microbiologists of India in 2012.</li> <li>• Awarded UGC-NET JRF and SRF fellowship (2007-2012).</li> </ul>
<b>Doctoral / post doctoral fellows</b>	Nil

<b>Students</b>	<ul style="list-style-type: none"> <li>• Participation certificates for all the students for participating in Science Exhibition 2015 under Rashtriya Awishkar Abhiyan on 11th September 2015.</li> <li>• Participation certificates for participating in the NSS events like cleaning in the nearby villages and blood donation in October 2015.</li> </ul>
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**30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.**

As we are a new department (year of establishment is 2015), we haven't organized any conference/seminar, but we are planning to do so in the near future.

We have organized scientific extension activity such as Science Exhibition 2015 under Rashtriya Awishkar Abhiyan to motivate our students for research. This was organized by the combined efforts of Department of Microbiology, Chemistry, Physics and Environmental Science on 11th September 2015

**31. Code of ethics for research followed by the departments**

Code of ethics for research as framed by the University ordinance is followed by the department. As the M.Sc dissertation / Ph.D programme shall begin from the next session, all research work shall be passed through the plagiarism check before submission of dissertation/thesis.

**32. Student profile programme-wise:**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>2015-16</b>					
M.Sc Microbiology.	75	03	11	NA	NA
PhD	-	-	-		

**33. Diversity of students**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2015-16</b>				
M.Sc Microbiology	00	64%	36%	00

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

<b>General</b>	Nil
<b>OBC</b>	Nil
<b>SC</b>	Nil

ST	Nil
Total	Nil

The department is newly established, so none of the students are eligible to appear for NET, GATE and SET exams yet.

### 35. Student Progression

Student Progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	Nil
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	Nil
Entrepreneurs	Nil

### 36. Diversity of Staff

Percentage of faculty who are graduates of:	
From same university	0%
from other universities within the State	0%
From universities from other States	100%
From universities outside the country	0%

### 37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Name of the faculty	Year	University
Dr. Deepika Mehta	2015	University of Delhi
Dr. Richa Sharma	2013	University of Delhi

### 38. Present details of departmental infrastructural facilities with regard to

Library	01
Internet facilities for staff and students	Yes
Total number of class rooms	01
Class rooms with ICT facility	Yes, WiFi facility is available to all the students. The procurement of multimedia projector is in process.

Students' laboratories	01
Research laboratories	Nil

**39. List of doctoral, post-doctoral students and Research Associates**

From the host institution/university	Nil
From other institutions/universities	Nil

**40. Number of post graduate students getting financial assistance from the university.**

03

Another financial assistance scheme 'Earn while you learn' is initiated in the University. Some students of our department have applied in this scheme.

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes. The curriculum of M.Sc programme run by our department was prepared and revised by the faculty members as well as the external experts of the Board of Studies (BOS) committee. After the approval by BOS members, it was finally approved by the Academic council (AC).

**42. Does the department obtain feedback from**

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?	Yes
Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?	Yes
Alumni and employers on the programmes offered and how does the department utilize the feedback?	No alumni and employers are currently present.

The feedback from faculty and students is utilized for curriculum improvements and revision.

**43. List the distinguished alumni of the department (maximum 10)**

Nil

**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Such lectures/workshops haven't been organized yet, as our department is recently established and the students are still is at the advent of learning about Microbiology and research. However, we plan to organize such events shortly. We have been coordinating with several scientists/experts for the same.

**45. List the teaching methods adopted by the faculty for different programmes.**

- Lectures and discussion oriented tutorials
- Practical
- Scientific and interactive learning
- Problem solving classes
- Power point Presentations and Assignments

**46. How does the department ensure that programme objectives are constantly met and learning**



**outcomes are monitored?**

The department monitors the progress of every student via separate assignments, discussions, seminars and written tests. Informal group discussions and peer feedback is also carried out on the regular basis. Finishing the prescribed syllabus on time by using classic and modern teaching techniques has been targeted to meet the programme objectives

**47. Highlight the participation of students and faculty in extension activities.**

- Dr. Deepika Mehta and few students visited to 21st Delhi Book Fair on 5th September 2015. It was organised by India Trade Promotion Organisation (ITPO) at Pragati Maidan, New Delhi from August 29th to September 6th, 2015
- All the students and faculty participated in Science Exhibition 2105 organized under Rashtriya Awishkar Abhiyan. It was organized by Department of Microbiology, Physics and Chemistry on 11th September 2015
- The students Ms. Priyanka, Mr. Neeraj Kumar and Mr. Bheem Singh participated in the NSS event organized for cleaning in the nearby villages.
- The students Ms. Priyanka, Mr. Neeraj Kumar and Mr. Bheem Singh participated in the NSS event organized at the university for Blood Donation on 15<sup>th</sup> Oct 2015.

**48. Give details of “beyond syllabus scholarly activities” of the department.**

- All the students participated in Science Exhibition 2105 organized under Rashtriya Awishkar Abhiyan. The main aim of this exhibition was to show practical demonstration to school students regarding basic aspects and application of microbiology.
- Dr. Richa Sharma delivered lectures on the subject of Teaching/Research Aptitude to the students of the university. This event was organized by Career counselling, Training and Placement cell at the University.

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

No

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

We shall be initiating Ph.D programme and research activities in our department shortly, which shall generate new knowledge in the form of publications and scientific reports. The current faculty has published their novel findings and peer reviewed journals as described before.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.****Strength**

- i. Good experienced faculty, positive environment and close monitoring of post graduate students.
- ii. The syllabus formulated for the master’s programme is such that besides gaining theoretical knowledge, students also experience hands on practice in the practical’s. The last semester introduces research to the post graduate students in the form of dissertation and thesis writing. This is the first step towards learning research methodologies and generating new ideas.
- iii. Besides theoretical teaching by faculty members in the field of Microbiology, special attention is given towards improvement of communication and presentation skills of

- the students by means of group discussions and presentations
- iv. Faculty members are research oriented.
  - v. Students are hard working and enthusiastic. Besides taking interest in gaining knowledge, they are also show fervour to participate in extension activities like NSS events etc.

### **Weakness**

- i. University is too far from main city and industries.
- ii. Long distance of university from industries shall make industrial collaborations difficult.
- iii. Paucity of technical staff and faculty.
- iv. Lack of high end instruments in the laboratory.
- v. Deficient national and international collaborations.

### **Opportunities**

- i. As the department is recently established, vast opportunities are available for its expansion and generating new collaborations both national and international.
- ii. Initiating new research projects with novel ideas.
- iii. Obtaining government funding for the collaborative projects.
- iv. Expansion of departmental library with recent editions of journals, books, ejournals and ebooks.
- v. Laboratory advancement.

### **Challenges**

- i. To obtain adequate grants.
- ii. To excel further in the field of teaching as well as research.
- iii. To attract talented faculty as the location of university is remote.
- iv. To become a Centre for Research for students worldwide.
- v. To reinforce international collaboration for interdisciplinary research.

### **52. Future plans of the department.**

- Laboratory advancement for regular practicals, dissertation work as well as research
- Obtaining research funding from funding agencies for initiating research projects
- To commence M.Phil and Ph.D. programmes in the Department
- Development of Central Instrumentation Facility for high end instruments
- Expansion of departmental library

## Department of Nutrition Biology

1. **Name of the Department:** Department of Nutrition Biology
2. **Year of establishment:** 2015
3. **Is the Department part of a School/Faculty of the university?**  
Yes (School of Interdisciplinary and Applied Sciences)
4. **Names of programs offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc. D.Litt., etc.)**
  - Ph.D.(approved in 2015)
  - M.Phil. (approved in 2015)
  - M.Sc. (Since 2015)
5. **Interdisciplinary programs and departments involved**  
Yes (disciplines like biochemistry, microbiology and biotechnology. )
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**  
No such courses have been started till date but the department is planning to start such courses in collaboration with other central and state universities.
7. **Details of programs discontinued, if any, with reasons**  
No such courses have been discontinued till date.
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
Both systems of examination: **Semester & Choice Based Credit System (CBCS)**
9. **Participation of the department in the courses offered by other departments**  
Yes, the department is adhering CBCS examination system and as a part of this model, ‘Generic Elective’ and ‘Discipline Centric Elective’ courses are supposed to be taken from other departments of university.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	04	01*	01*
<b>Others</b>	00	00	00

\*Contractual Faculty

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualifications	Designation	Specialization	No. of Years of	No. of Ph.D./M.Phil.

				<b>Experience</b>	<b>Students guided for the last 4 years</b>
Mrs. Neera Parmar	M.Sc. (UGC –NET December,2014;June, 2015)	Assistant Professor	Nutritional evaluation of grains and their products.	02 Months	Being fresher no students guided till date. But currently 12 students have been registered in M.Sc.

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

In Process, till date no visiting faculty has been invited or appointed but the department is planning to invite such visiting fellows, adjunct faculty and emeritus professors in near future.

**13. Percentage of classes taken by temporary faculty – programme-wise information**

As there is only one faculty in the department and that too temporary thus all (100%) the classes are taken by temporary faculty.

**14. Programme-wise Student Teacher Ratio**

- **M.Sc.:** 11:1
- **M.Phil.:** Course yet to start
- **Ph.D.:** Course yet to start

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

There are no such academic support staff or administrative staff sanctioned/ allotted department wise. The university staff co-ordinate with all the administrative and academic work whenever necessary. The above posts are advertised and the recruitment is in process.

**16. Research thrust areas as recognized by major funding agencies:**

1. Nutritional counselling and nutrition education to the major vulnerable group of the society (Pregnant and lactating women, children and elderly people )
2. Nutritional assessment and focus on special groups like sports nutrition, mid-day meals etc.
3. Nutritional assessment of people suffering from various nutritional deficiency disorders and their management.
4. Nutritive evaluation of useful grains and underutilised crops and their product evaluation
5. Development of innovative and therapeutic food products from various food raw materials.
6. Survey on level of nutrition education of the pregnant mothers and lactating ladies and also of other women and on the basis of information provide nutrition education
7. Chemical and biochemical assessment of various deficiency disorders and their management through diet.

**17. Number of faculty with on-going projects from**

<b>National</b>	No such faculty with such ongoing project. This being a new department, there are no such projects sanctioned
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<b>International funding agencies and</b>	No such international funding agencies. This being a new department, there are no such projects sanctioned
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	No grants received, as there are no such ongoing projects. This department being new.

**18. Inter-institutional collaborative projects and associated grants received**

<b>National collaboration</b>	No such Inter-institutional collaborative projects till date.
<b>International collaboration</b>	No such International collaborative projects till date.

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

As this department is new, so no such projects have been funded by such agencies, but the department is putting all efforts to make such proposals.

**20. Research facility / center with**

<b>State Recognition</b>	No such research facility or center have been established with state recognition.
<b>National Recognition</b>	No such research facility or center have been established with national recognition.
<b>International Recognition</b>	No such research facility or center have been established with international recognition.

**21. Special research laboratories sponsored by / created by industry or corporate bodies**

As this department is new, so it is enrolled in setting up its own departmental research laboratory and thus there are no such special research laboratories sponsored or created by industry or corporate bodies.

**22. Publications:**

<b>Number of papers published in peer-reviewed journals (national / international)</b>	00 (Two papers have been sent in international journals which are under review and may soon get acceptance)
<b>Monographs</b>	00
<b>Chapters in Books *</b>	00
<b>Edited Books</b>	00
<b>Books with ISBN with details of publishers</b>	00
<b>Number listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	00
<b>Citation Index – range / average</b>	00
<b>SNIP</b>	00

<b>SJR</b>	00
<b>Impact Factor – range / average</b>	00
<b>h-index</b>	00

**23. Details of patents and income generated**

No such patent filed and income generated by the department till date.

**24. Areas of consultancy and income generated**

No such areas of consultancy and income generated by the department till date.

**25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad**

Till now no faculty has been selected nationally/internationally to visit other laboratories / institutions industries in India and abroad.

**26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)**

No such faculty serving in any national/international committee or editorial board.

**27. Faculty recharging strategies (UGC, ASC, Refresher / Orientation programs, workshops, training programs and similar programs).**

No such Faculty recharging strategies (UGC, ASC, Refresher / Orientation programs, workshops, training programs and similar programs) have been adopted or initiated till date.

**28. Student projects**

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	As this department is new and has been started in academic session 2015, so all the students are in first semester of their degree, hence, till now no students have done in-house projects including inter-departmental projects.
<b>Percentage of students doing projects in collaboration with other universities, industry / institute</b>	As this department is new and has been started in academic session 2015, so all the students are in first semester of their degree, hence, till now no students have done projects in collaboration with other universities, industry / institute.

**29. Awards / recognitions received at the national/ international level by**

<b>Faculty</b>	No such awards and recognition received by the faculty at national/international level.
<b>Doctoral / Post-doctoral fellows</b>	No Doctoral / Post-doctoral fellows in the departments yet.
<b>Students</b>	No such awards and recognition received by the Students at national/international level.

**30. Seminars / Conferences / Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.**

No such seminar, conferences/workshops have been organized till date but the department is planning to organize national seminar/conference related to health, nutrition and challenges in the next semester of academic session 2015-16.

**31. Code of ethics for research followed by the departments**

Yes, all research works are required to pass through the plagiarism check before submission of

dissertation/thesis through specialized software.

**32. Student profile (Programme-wise):**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>Session 2015-16</b>					
M.Sc. Nutrition Biology Sem. 1	14	02	09	No semester examination conducted yet. First sessional conducted.	No semester examination conducted yet. First sessional conducted.
Ph.D.	0	-	-	-	-

**33. Diversity of students**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2015-16</b>				
M.Sc. Nutrition Biology Sem. 1	Nil	63.63%	44.4%	Nil
M.Phil.				
Ph.D.				

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

<b>General</b>	No such students
<b>OBC</b>	No such students
<b>SC</b>	No such students
<b>ST</b>	No such students
<b>Total</b>	No such students

**35. Student Progression**

Student Progression	Percentage against enrolled
<b>UG to PG</b>	Nil
<b>PG to M.Phil.</b>	Nil
<b>PG to Ph.D.</b>	Nil (Pursuing PG)
<b>Ph.D. to Post-Doctoral</b>	Nil
<b>Employed</b>	All the students have been instructed to register their profile on

<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	the placement link available on the university website.
Entrepreneurs	Nil

**36. Diversity of Staff**

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	No faculty from same university
<b>From other universities within the State</b>	No faculty from other universities within the state
<b>From universities from other States</b>	100%
<b>From universities outside the country</b>	No faculty from universities outside the country

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

No faculty awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period (Two months as of yet)

**38. Present details of departmental infrastructural facilities with regard to**

<b>Library</b>	No departmental library till date. All the students visit central library of the university.
<b>Internet facilities for staff and students</b>	Yes, the campus is Wi-Fi enabled with individual access to each staff and student.
<b>Total number of class rooms</b>	01
<b>Class rooms with ICT facility</b>	ICT enable classroom upgrade is in progress
<b>Students' laboratories</b>	Lab equipment procurement is in progress. Request already sanctioned.
<b>Research laboratories</b>	Lab equipment procurement is in progress. Request already sanctioned.

**39. List of doctoral, post-doctoral students and Research Associates**

<b>From the host institution/university</b>	Course yet to start
<b>From other institutions/universities</b>	Course yet to start

**Teacher Fellows:** No such teacher fellows.

**40. Number of post-graduate students getting financial assistance from the university.**

No student receiving financial assistance currently.

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**



The department is itself new and the curriculum developed under this is based on recent research trends and needs for research.

**42. Does the department obtain feedback from**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	The feedback is constantly obtained from the faculties of “The School of Interdisciplinary and Applied sciences “ on modifying curriculum and other teaching aspects in a routine manner.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, the students provide their feedback on teaching methodologies and other aspects of curriculum. The department note every point and discuss in a meeting with the higher authorities
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Yes, the department is actively engaged in receiving feedback from the employers in this field and also from faculty of other Universities.

**43. List the distinguished alumni of the department (maximum 10)**

It is the first batch for the department. They will graduate in 2017.

**44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.**

No such programs conducted yet. For the next semester, allowance has been made for lectures/workshops and seminars inviting faculties from renowned universities.

**45. List the teaching methods adopted by the faculty for different programs.**

- Lecture
- Class discussion
- Power Point Presentations
- Assignments
- Field Visits

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Necessary steps have been taken to ensure to meet the various objectives, by considering and evaluating feedback from different stakeholders, including students, faculty members, non-teaching staff and alumni.

**47. Highlight the participation of students and faculty in extension activities.**

- The faculty and students of the department are actively engaged in extension activities. Recently the faculty and students celebrated national nutrition week from 1–7 September 2015 in the Jat Village, Dist. Mahendargarh. Each person delivered lectures on nutrition, deficiency disorders and management to the school children and rural women.
- NSS Camps: Five students of the department are part of this programme.
- Blood donation camp: Three students donated blood on 15 October 2015 organized by Youth Red Cross Society of the university.

**48. Give details of “beyond syllabus scholarly activities” of the department.**

Till now no such “beyond syllabus scholarly activities” have been organized but the department is planning to open a “Nutrition Society” in which the students will be actively involved. This society will provide nutritional counseling and diet charts for registered members.

Students will be assessing the nutritional needs and other parameters through BMI calculation, Physiological parameters and other anthropometric measurements.

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

No, till date this programme/department has not been accredited by other agencies.

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

As this department is new so till now no students are involved in any research activities .But this department ensures proper knowledge gain and enrichment of faculty and students through the following mode:

- i. All the students are advised and encouraged to be in thorough contact of the various national and international journals, e-books and other web based education sites.
- ii. They have also been instructed to register themselves as a student member of various societies and associations related to nutrition and health such as Nutrition Society of India (NSI), Indian Dietetic Association (IDA) and Indian Science Congress Association (ISCA).
- iii. Students are also instructed to be in regular touch of health and nutrition related articles which are published in the leading newspapers.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strength**

- i. Students from diverse ethnic background
- ii. Encouraging students' progression in higher education
- iii. Multidisciplinary research focus
- iv. Self-study courses to promote the interest of the students in the areas of their choice and besides studying nutrition as a part of curriculum, students can apply the nutrition knowledge in their lifestyle for a balanced health status.
- v. Students are involved in extension activities by visiting the local villages.

**Weakness**

- i. Shortage of academic programmes such as diploma or certificate programmes in the areas of applied nutrition.
- ii. Lack of faculty at the level of Professors/visiting Professors/Adjunct Professor which will soon be resolved as the recruitment is under process.
- iii. So far, Department has not collaborated with any other Central or State Universities.
- iv. Department is not running integrated programmes.
- v. No research projects or grants have been sanctioned or undertaken by the department.

**Opportunities**

- i. It being a new University, there are the opportunities for devising and exploring innovative pedagogies and curriculum as per the needs of the hour.

- ii. Department can harness the opportunity to engage itself in multidisciplinary research environment with the Choice-Based Credit System being in force in the University.
- iii. Maintaining the rigor in the department so as to attract the students from prestigious universities.
- iv. Being a new department in the area of applied nutrition, there are opportunities for faculty and students to bring innovative research ideas and proposals.
- v. As this department is new and laboratory set up is under process so there is a great opportunity to equip all the labs and classrooms with latest technologies which are efficient and ergonomic.

#### **Challenges**

- i. Maintaining the competitive environment in the department with the students coming from diverse linguistic and regional backgrounds.
- ii. Being a new department there is need of fast track laboratory set up in the department.
- iii. To maintain the zeal and enthusiasm among students to be actively engaged in extension activities besides their course curriculum.
- iv. Lack of geographical connectivity causing problems in the smooth progress of the department.
- v. To develop state of the art teaching and research facility in nascent field.

#### **52. Future plans of the department.**

- Establishment of “**Nutritional Society**”
- Certificate and Diploma Courses in clinical Nutrition, Food Preservation, Public nutrition Diseases and Management.
- Collaborative initiatives with prestigious organisations
- Student-exchange programmes
- Creative Writers in-Campus Programmes
- Series of Extension Lectures by the Eminent Professors
- Engaging Visiting Professors/Adjunct Faculty
- Organising Seminars/Conferences/Workshops at regular intervals.
- Adoption of Village “Jant” , Mahendergarh and work for the nutritional upliftment of the vulnerable sections like children, pregnant and lactating ladies and old aged people.
- Visits to national Health Centers and Institutes for students experience and knowledge.
- Celebration of World Health Day on 7<sup>th</sup> April, 2016 by organising free health checkup campaign in the Jant Village.

## Department of Physics

**1. Name of the Department:** Physics

**2. Year of establishment:** 2013

**3. Is the Department part of a School/Faculty of the university?**

Yes, the Department of Physics comes under the School of Physical and Mathematical Sciences (SPMS) that consists of Physics, Mathematics and Statistics Departments.

**4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

PhD (admission yet to be conducted, an approval from concerned statutory bodies obtained only in October 2015)

PG (M.Sc. Physics)

**5. Interdisciplinary programmes and departments involved**

Under the Choice Based Credit System scheme, many elective courses that are of interdisciplinary nature can be taken by the students from other departments.

Department of Physics offers the following courses to students of other departments under Generic Elective Courses:

- i. Introduction to Experimental Physics
- ii. Numerical Methods and Programming
- iii. Modern Optics
- iv. Latex for Science and Mathematics
- v. Environmental Physics

Students of the Department of Physics are studying Generic Elective Courses offered by other departments like Mathematics, Statistics, Chemistry, Environmental Science, Geography, Psychology, History and Archeology, etc.

**6. Courses in collaboration with other universities, industries, foreign institutions, etc.**

- A collaboration with Technology Application Services (TAS) has been done for the developing experimental laboratory of Physics at CUH, and also agreed to provide experimental facilities and related courses to our PhD students.
- Initiatives have been taken to establish MOUs with Central Electronics Engineering Research Institute (CEERI), Pilani, Inter University Accelerator Centre, New Delhi and Delhi University (DU), Delhi.

**7. Details of programmes discontinued, if any, with reasons**

No programme is discontinued.

**8. Examination System: Annual/Semester/Trimester/Choice Based Credit System**

The department adopts Semester System with 100% implementation of Choice Based Credit System (CBCS).

**9. Participation of the department in the courses offered by other departments**

Several Generic Elective Courses offered by many other departments are taken by the students of Physics Department like courses offered by Mathematics, Statistics, Chemistry,

Environmental Science, Geography, Psychology, History and Archeology, etc. In addition, our department also offers several Generic Elective Courses that may be suitable to the students of other departments.

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	01*	01*
<b>Associate Professors</b>	02	01 <sup>#</sup>	01 <sup>#</sup>
<b>Asst. Professors</b>	04	03*	03*
<b>Others</b>	00	01 (visiting fellow)	01

\*Contractual

<sup>#</sup>On deputation

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. Students guided for the last 4 years
Prof. Nawal Kishore	Ph.D	Professor	Experimental Physics	35 years	06
Dr. Aditya Saxena	Ph.D	Associate Professor	Solid State Physics and Condensed Matter Physics	11 years 4 months	-
Dr. Avinash Chand Yadav	PhD	Assistant Professor	Statistical Physics	1 year 3 months	-
Dr. Tanuj Kumar	PhD	Assistant Professor	Materials Science	1 years 3 months	-
Dr. Arun Kumar	PhD	Assistant Professor	Materials Science	1 years 3 months	-

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

One. Dr. Amitanshu Patnayak, Scientist D, Defence Terrain Research Laboratory (DTRL) - Defence Research and Development Organization (DRDO).

**13. Percentage of classes taken by temporary faculty – programme-wise information**

**Programme:** M.Sc.

Classes are equally shared by all the faculty members. As one faculty is on deputation and 4 others are on contract, the percentage of classes taken by temporary faculty members is 80%.

**14. Programme-wise Student Teacher Ratio**

M.Sc.: 12 students per teacher.

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

At present there is only one technical supporting staff (on contract) in the department and the university is in process to recruit the required supporting staff.

**16. Research thrust areas as recognized by major funding agencies**

A faculty of the department has applied for the projects under Department of Science and Technology (DST) -Fast Track Young Scientist Scheme in following research areas:

- Materials Science
- Nanotechnology

However, the department has not received any grants from any funding agency.

**17. Number of faculty with ongoing projects from**

<b>National</b>	One teacher of the department has applied for two major Research Projects to DST. And others have prepared proposals that would be submitted soon to suitable funding agencies.
<b>International funding agencies and</b>	Nil
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	The department is awaiting the communication regarding the proposals submitted to abovementioned funding agencies.

**18. Inter-institutional collaborative projects and associated grants received**

<b>National collaboration</b>	Instruments Research and Development Establishment (IRDE-DRDO), Dehradun, Delhi University, Delhi, Inter University Accelerator Centre (IUAC)/ Nuclear Science Centre, New Delhi, University of Rajasthan Jaipur, Maharshi Dayanand University (MDU), Rohatak
<b>International collaboration</b>	Nil

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Process of recruitment of faculty is in progress and as soon as they join the department, the proposal of DST-FIST and UGC-SAP will be submitted.

**20. Research facility / centre with**

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

**Note:** The department is in the process of setting up research labs on its own as well as through MoUs with research institutions, industry and Universities for which due recognition/accreditation will be sought.

**21. Special research laboratories sponsored by / created by industry or corporate bodies**

An MoU has been signed with TAS for establishing special research laboratory where technical know-how and some instrumentation will be provided by TAS.

**22. Publications:**

<b>Number of papers published in peer reviewed journals (national / international)</b>	140
<b>Monographs</b>	00
<b>Chapters in Books *</b>	01
<b>Edited Books</b>	11
<b>Books with ISBN with details of publishers</b>	23
<b>Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	00
<b>Citation Index – range / average</b>	(10-700) /160
<b>SNIP</b>	*
<b>SJR</b>	*
<b>Impact Factor – range / average</b>	(0-5) / 2
<b>h-index</b>	30

\*These are journal metrics for Elsevier Science journals. Since the number of articles published in different Elsevier Science journals is large, it is difficult to provide SNIP and SJR values for all the articles published in different journals.

**23. Details of patents and income generated**

There are no patents as of now but we are in the process of establishing research laboratories through which it is hoped that we may be able to develop new cutting edge and innovative technologies which can be patented. An MOU has been signed with Technology Application Services (TAS) where design and development of new and innovative products based on proven technologies is one of the main objectives.

**24. Areas of consultancy and income generated**

The department does not offer any consultancy services at present. However, the department is in the process of formalizing partnerships with different research institutions and industries and engaging senior faculty in the form of Adjunct Professors/Visiting fellows and consultancy services may be started in future on assessing and mapping the needs of the area.

**25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad**

Dr. Nawal Kishore visited the laboratories in IUAC, New Delhi; University of Jammu, Jammu; IRDE, Dehradun; SSPL, Delhi; National Physical Laboratory (NPL), Delhi; Guru Ghasi Das (GGD) Central

University, Bilaspur; CEERI, Pilani, Panjab University, Chandigarh; Punjabi University, Patiala; Thapar University, Patiala; University of Yangon, Myanmar; SAMTEL Ghaziabad.

**26. Faculty serving in**

<p><b>National committees</b></p>	<p><b>Prof Nawal Kishore</b></p> <ul style="list-style-type: none"> <li>• Member-expert in Selection Committee (GJUS&amp;T Hisar, KU Kurukshetra and CDLU Sirsa,</li> <li>• DCRUST Murthal, TITS Bhiwani, Jammu University Jammu, MDU Rohtak, Central University of Haryana, Mahendergarh)</li> <li>• Member-expert of delegation for meeting H.E. the President of India (2003)</li> <li>• Chairman, UG &amp; PGBOS GJUS&amp;T Hisar (2001-04, 2006-08, 2009-12) Member-Expert, UG/PGBOS GJUS&amp;T Hisar, KU Kurukshetra, CDLU Sirsa, DCRUS&amp;T, Murthal and NIT Kurukshetra, MM College Israna, Central University of Haryana, Mahendergarh, G.G.D. University Bilaspur)</li> <li>• Member Expert Committee for Establishment of Private Universities in Haryana, constituted by State Government (2010-11)</li> <li>• Expert in UGC committee for awarding research Projects.</li> <li>• Delivered lecturers during orientation/referesher courses in GJUS&amp;T, Hisar, Jammu University, Jammu, Govt. College for women, Rohtak, and D. Govt. College Gurgaon</li> </ul> <p><b>Dr. Aditya Saxena</b></p> <ul style="list-style-type: none"> <li>• Member Expert in Physics of the UGC constituted committee for Choice Based Credit System (CBCS)</li> <li>• Member Implementation and Monitoring Committee for MOOCs Content, Consortium for Educational Communication (CEC), UGC</li> <li>• Member Committee for Services of Media Centres in e-content development for PG subjects under e-PG Pathshala, Consortium for Educational Communication (CEC), UGC</li> <li>• Resource Person for “Field Trial of Training Package in Physics at higher Secondary Level”, DESM, NCERT, 23-27th March, 2015.</li> <li>• Resource Person for “Field Trial of Training Package in Physics at higher Secondary Level”, DESM, NCERT, 16-20th February, 2015.</li> <li>• Resource Person for “Field Trial of Training Package in Physics at higher Secondary Level”, DESM, NCERT, 26-28th November, 2014.</li> <li>• Resource Person for “Field Trial of Training Package in Physics at higher Secondary Level”, DESM, NCERT, 11-13th August, 2014.</li> <li>• Resource Person for “Development of Training Package in Physics at higher Secondary Level”, DESM, NCERT, 10-14th March, 2014.</li> <li>• Invited Speaker on e-Content Development under 4-Quadrant</li> </ul>
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	<p>approach for Workshop of Paper Coordinators under e-PG Pathshala in ‘Comparative Literature’.</p> <ul style="list-style-type: none"> <li>• Invited Speaker on e-Content Development under 4-Quadrant approach for Workshop of Paper Coordinators under e-PG Pathshala in ‘Microbiology’.</li> <li>• Invited Speaker on e-Content Development under 4-Quadrant approach for Workshop of e-content writers under e-PG Pathshala in ‘Russian Studies’.</li> <li>• Member Committee of Courses, Department of Physics and Astrophysics, Delhi University for the academic session 2013-2014</li> <li>• Member, Student Information System Committee, Ramjas College, for the academic sessions 2006-07 and 2010-11.</li> <li>• Coordinator for Certificate Course in Forensic Science, Ramjas College, for the academic sessions 2005-06, 2006-07 and 2007-08.</li> <li>• Jury Member INSPIRE AWARD National Level Exhibition and Project Competition (NLEPC)- 2014, October 6-8, 2014 organized by Department of Science and Technology, Government of India.</li> <li>• Jury Member INSPIRE AWARD National Level Exhibition and Project Competition (NLEPC)- 2013, October 8-10, 2013 organized by Department of Science and Technology, Government of India.</li> <li>• Member Organizing Committee Workshop on “Intellectual Property Rights” 21st March, 2013, ILLI, UDSC.</li> <li>• Jury Member INSPIRE AWARD National Level Exhibition and Project Competition (NLEPC)- 2012, October 21-23, 2012 organized by Department of Science and Technology, Government of India.</li> <li>• Resource Person INSPIRE Internship Program-2012, October 1-5, 2012 organized by Deshbandhu College, Delhi University and Department of Science and Technology, Government of India.</li> </ul>
<b>International committees</b>	Nil
<b>Editorial Boards</b>	<p><b>Prof. Nawal Kishore:</b></p> <ol style="list-style-type: none"> <li>1. Invertis Journal of Renewable Energy, Publisher: Invertis University <ul style="list-style-type: none"> <li>• Print ISSN: 2231-3419</li> <li>• Online ISSN: 2454-7611</li> </ul> </li> </ol> <p><b>Dr. Aditya Saxena</b></p> <ol style="list-style-type: none"> <li>1. <i>Journal of NanoScience, NanoEngineering &amp; Applications</i>, (STM Journals, Noida, India) 2014-2015, Editor-in-Chief: Aditya Saxena. ISSN: ISSN 2231-1777</li> <li>2. <i>OmniScience: A Multi-disciplinary Journal</i>, (STM Journals,</li> </ol>

	<p>Noida, India) 2011-2015, Editor: Aditya Saxena. ISSN: 2231-0398</p> <p>3. <i>Journal of NanoScience, NanoEngineering &amp; Applications</i>, (STM Journals, Noida, India) 2011-2014, Editor: Aditya Saxena. ISSN: ISSN 2231-1777</p> <p><b>Dr. Avinash C. Yadav</b></p> <p>1. Member of editorial board, since 2014, Journal of Nuclear Physics, Material Science, Radiation and Application.</p> <ul style="list-style-type: none"> <li>• Chitkara University Publications</li> <li>• ISSN 2321-8649 (print)</li> <li>• ISSN 2321- 9289 (online)</li> </ul>
<b>Any other (please specify)</b>	Nil

**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Yes.

**28. Student projects**

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	55%
<b>Percentage of students doing projects in collaboration with other universities industry / institute</b>	45%

**29. Awards / recognitions received at the national and international level by**

<b>Faculty</b>	<p>Dr. Nawal Kishore: Nominated for Haryana Vigyan Ratna Award by Guru Jambheshwar University of Science and Technology, Hisar.</p> <p>Dr. Aditya Saxena awarded Teaching Excellence Award for Innovation by Delhi University.</p>			
<b>Doctoral / post doctoral fellows</b>	NIL			
<b>Students</b>	*			
<b>Name of students</b>	<b>Roll. No.</b>	<b>Semester</b>	<b>Activities</b>	<b>Awards</b>
Sumit Yadav	5225	3 <sup>rd</sup>	<ul style="list-style-type: none"> <li>▪ 7-Day Camp in the Central University of Haryana</li> <li>▪ State level 5-day Camp in Haridwar in Youth Red Cross</li> <li>▪ Beti Bachao, Beti Padhao and Swach Bharat Abhiyan program in Malda Village</li> </ul>	<ul style="list-style-type: none"> <li>▪ NSS Best Volunteer Award in 7-day Camp.</li> <li>▪ 2<sup>nd</sup> Position in Group Dance &amp; Group Song in YRC Haridwar</li> <li>▪ 3<sup>rd</sup> in Skit in YRC Haridwar</li> </ul>

Jyoti Yadav	5206	3 <sup>rd</sup>	<ul style="list-style-type: none"> <li>▪ 7-Day Camp in the Central University of Haryana</li> <li>▪ State level 5-day Camp in Haridwar in Youth Red Cross</li> <li>▪ Beti Bachao, Beti Padhao and Swach Bharat Abhiyan program in Malda Village</li> </ul>	<ul style="list-style-type: none"> <li>▪ NSS Most Creative Award in 7-day Camp.</li> <li>▪ 2<sup>nd</sup> Position in Group Dance &amp; Group Song in YRC Haridwar</li> <li>▪ 3<sup>rd</sup> in Skit in YRC Haridwar</li> </ul>
Nirmala Maharana	5214	3 <sup>rd</sup>	<ul style="list-style-type: none"> <li>▪ 7-Day Camp in the Central University of Haryana</li> <li>▪ State level 5-day Camp in Haridwar in Youth Red Cross</li> <li>▪ Beti Bachao, Beti Padhao and Swach Bharat Abhiyan program in Malda Village</li> </ul>	<ul style="list-style-type: none"> <li>▪ 2<sup>nd</sup> Position in Group Song in YRC Haridwar</li> <li>▪ 3<sup>rd</sup> in Skit in YRC Haridwar</li> </ul>

**30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.**

International Summer Winter Term applied for by the department under the Global Initiatives for Academic Networks scheme of MHRD.

**31. Code of ethics for research followed by the departments**

Yes, the department follows the code of ethics for research by adopting following measure: All research works are required to pass through the plagiarism check before submission of dissertation/thesis, mandatorily.

**32. Student profile programme-wise:**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>2013-2014</b>					
M.Sc. Physics	156	4	5	100	100
<b>2014-15</b>					
M.Sc. Physics	1666	19	11	100	100
<b>2015-16</b>					
M.Sc Physics	1836	14	16	Yet to appear in any degree	Yet to appear in any degree examination

				examination	
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**33. Diversity of students**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2013-14</b>				
M.Sc. Physics	0	22.22	77.78	0
<b>Session 2014-15</b>				
Physics	0	50	50	0
<b>Session 2015-16</b>				
Physics	0	33.33	66.67	0

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

<b>General</b>	0
<b>OBC</b>	0
<b>SC</b>	0
<b>ST</b>	0
<b>Total</b>	0

As the first batch has just passed the M.Sc. programme and many students are preparing for various competitive examinations such as Civil Services and Defense Services examinations, NET, SET, GATE etc.

**35. Student Progression**

Student Progression	Percentage against enrolled
<b>UG to PG</b>	Nil
<b>PG to M.Phil.</b>	Nil
<b>PG to Ph.D.</b>	Nil
<b>Ph.D. to Post-Doctoral</b>	Nil
<b>Employed</b>	Nil
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	02
<b>Entrepreneurs</b>	Nil

**36. Diversity of Staff**

Percentage of faculty who are graduates of:
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<b>From same university</b>	0%
<b>from other universities within the State</b>	0%
<b>From universities from other States</b>	100%
<b>From universities outside the country</b>	0%

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

03 Faculty members were awarded Ph.D. degree between 2009 and 2015.

**38. Present details of departmental infrastructural facilities with regard to**

<b>Library</b>	No
<b>Internet facilities for staff and students</b>	Yes
<b>Total number of class rooms</b>	02
<b>Class rooms with ICT facility</b>	02
<b>Students' laboratories</b>	03
<b>Research laboratories</b>	*

\*To be established with the starting of Ph.D. programme and through collaborations with research institutes, industries and other universities.

**39. List of doctoral, post-doctoral students and Research Associates**

<b>From the host institution/university</b>	Nil
<b>From other institutions/universities</b>	Nil

**40. Number of post graduate students getting financial assistance from the university.**

Four

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Scholarship</b>
1	Sandeep	Dr. Ambedkar Medhavi Chhatravirti
2	Bharti	Single Girl Child Scholarship
3	Jaffar Farooq	Post Matric Scholarship for Minority Community
4	Qadir Ahemed	Post Matric Scholarship for Minority Community

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, the neighbouring feeding institutions were surveyed and interactions were conducted with the stakeholders in order to assess the need for each programme. Thereafter, the proposal for each course was considered and approved by the various academic bodies of the university.

**42. Does the department obtain feedback from**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, through departmental meetings and the same is submitted for the consideration of academic bodies.
<b>Students on staff, curriculum and teaching-</b>	Yes, through interaction and the same is

<b>learning-evaluation and how does the department utilize the feedback?</b>	considered while framing curriculum and teaching-learning evaluation.
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Yes, through interaction and meetings at regular intervals.

**43. List the distinguished alumni of the department (maximum 10)**

At present there is only one batch of students to have graduated from this department with a postgraduate degree out of which 1 student [Yogender] has been selected for teaching jobs.

**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Invited External Lectures by Prof. Shyam Kumar from KUK, in Oct. 2014

Science Exhibition jointly organized by Physics and Chemistry Departments on 11<sup>th</sup> September 2015.

3 Day Workshop on Vacuum, Plasma and Thin Film Deposition Techniques (September 22-24, 2015) was jointly organized by the Departments of Physics and Chemistry, Central University of Haryana.

**45. List the teaching methods adopted by the faculty for different programmes.**

- Structured Lectures,
- Assignments,
- Laboratory experiments,
- Power point Presentations,
- Hands-on training,
- Seminars,
- One semester project work,
- e-Learning materials from different Open Educational Resources (OER) both national and international provided to the students,
- Tutorials in class,
- One to one discussion.

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Necessary steps have been taken to ensure that various objectives are realised, by considering and evaluating feedback from different stakeholders, including students, faculty members, parents, academia and alumni. From this academic session the department completely adopted CBCS based curriculum in order to achieve and further the inter and multi-disciplinary approach amongst students to enable them for competing at the global level.

**47. Highlight the participation of students and faculty in extension activities.**

Students & Faculty members have actively participated in several activities such as: Swachh Bharat Abhiyan, Unnat Bharat Abhiyan, plantation drive, environment awareness program, Yoga activity, Cleanliness drive, Science Exhibitions, Innovation Program, NSS, YRC etc.

<b>Name</b>	<b>Roll. No.</b>	<b>Semester</b>	<b>Activities</b>	<b>Awards</b>
Sumit Yadav	5225	3 <sup>rd</sup>	<ul style="list-style-type: none"> <li>▪ Rally in Jant Village-2 times</li> <li>▪ Cleanliness Program in Jant and Pali Villages</li> </ul>	<ul style="list-style-type: none"> <li>▪ 1<sup>st</sup> prize in Intra University Dance Competition</li> </ul>

			<ul style="list-style-type: none"> <li>▪ 7-Day Camp in the Central University of Haryana</li> <li>▪ State level 5-day Camp in Haridwar in Youth Red Cross</li> <li>▪ Beti Bachao, Beti Padhao and Swach Bharat Abhiyan program in Malda Village</li> </ul>	<ul style="list-style-type: none"> <li>▪ 3<sup>rd</sup> prize in Quiz</li> <li>▪ NSS Best Volunteer Award in 7-day Camp.</li> <li>▪ 2<sup>nd</sup> Position in Group Dance &amp; Group Song in YRC Haridwar</li> <li>▪ 3<sup>rd</sup> in Skit in YRC Haridwar</li> </ul>
Jyoti Yadav	5206	3 <sup>rd</sup>	<ul style="list-style-type: none"> <li>▪ Rally in Jant Village-2 times</li> <li>▪ Cleanliness Program in Jant and Pali Villages</li> <li>▪ 7-Day Camp in the Central University of Haryana</li> <li>▪ State level 5-day Camp in Haridwar in Youth Red Cross</li> <li>▪ Beti Bachao, Beti Padhao and Swach Bharat Abhiyan program in Malda Village</li> </ul>	<ul style="list-style-type: none"> <li>▪ 2<sup>nd</sup> prize in Intra University Dance Competition</li> <li>▪ 3<sup>rd</sup> prize in Slogan</li> <li>▪ NSS Most Creative Award in 7-day Camp.</li> <li>▪ 2<sup>nd</sup> Position in Group Dance &amp; Group Song in YRC Haridwar</li> <li>▪ 3<sup>rd</sup> in Skit in YRC Haridwar</li> </ul>
Nirmala Maharana	5214	3 <sup>rd</sup>	<ul style="list-style-type: none"> <li>▪ Rally in Jant Village-2 times</li> <li>▪ Cleanliness Program in Jant and Pali Villages</li> <li>▪ 7-Day Camp in the Central University of Haryana</li> <li>▪ State level 5-day Camp in Haridwar in Youth Red Cross</li> <li>▪ Beti Bachao, Beti Padhao and Swach Bharat Abhiyan program in Malda Village</li> </ul>	<ul style="list-style-type: none"> <li>▪ 1<sup>st</sup> prize in Intra University Singing Competition</li> <li>▪ 2<sup>nd</sup> Position in Group Song in YRC Haridwar</li> <li>▪ 3<sup>rd</sup> in Skit in YRC Haridwar</li> </ul>
Priyanka	5218	3 <sup>rd</sup>	<ul style="list-style-type: none"> <li>▪ Rally in Jant Village-2 times</li> <li>▪ Cleanliness Program in Jant and Pali Villages</li> <li>▪ 7-Day Camp in the Central University of Haryana</li> <li>▪ Beti Bachao, Beti Padhao and Swach Bharat Abhiyan program in Malda Village</li> </ul>	<ul style="list-style-type: none"> <li>▪ Winner in Kabaddi game in Central University of Haryana</li> </ul>
Rajdev	5221	3 <sup>rd</sup>	<ul style="list-style-type: none"> <li>▪ Rally in Jant Village-2 times</li> <li>▪ Cleanliness Program in Jant and Pali Villages</li> <li>▪ 7-Day Camp in the Central University of Haryana</li> <li>▪ Beti Bachao, Beti Padhao and Swach Bharat Abhiyan</li> </ul>	<ul style="list-style-type: none"> <li>▪ 3<sup>rd</sup> prize in Intra University Dance Competition</li> </ul>

			program in Malda Village	
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**48. Give details of “beyond syllabus scholarly activities” of the department.**

At the departmental level different competitions like Quiz, Power point presentations and extensive lectures have been organized

- Social Outreach and Extension: Three students have joined NSS and they are actively involved in various activities that are related to community services.
- Invited Lecture: By Prof. Shyam Kumar from Kurukshetra University Kurukshetra, in Oct. 2014
- Quiz organised: 1 (Nov 2014)
- Visit: Surajkund Fair, Faridabad (Feb 2015)
- Science Exhibition for school children (The first in the series was organized on 11<sup>th</sup> September 2015)
- Workshop: 3 Day Workshop on Vacuum, Plasma and Thin Film Deposition Techniques (September 22-24, 2015)

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

The department is in the process of the first cycle of NAAC accreditation.

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

- i. Students and Faculty members are involved in designing of several scientific working models of real systems to understand the basic & applied knowledge of underlying hidden principle.
- ii. The department has got an approval to start Ph.D. programme and the Department plans to establish Research Laboratory which will contribute towards generating new knowledge, basic and applied.
- iii. Group discussion among the students is one of the major activities of our department and this promotes the development of interesting and striking ideas.
- iv. Experts such as Prof. Shyam Kumar, Dr. R. K. Garg have interacted with the students on various topics to motivate them rightly and enhance their confidence and knowledge.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strength**

- i. Good Student teacher ratio.
- ii. Well-equipped Labs with curricula based and research facilities along with ICT enabled classrooms to help students grasp basic and applied aspects of the discipline
- iii. Teaching faculty with diverse areas of specialization which contributes to comprehensive knowledge base of the students
- iv. Focussed approach towards establishing state of the art teaching and research facilities through collaborations with leading Research Institutions and industry.
- v. Self-motivated and research oriented faculty members with expertise in different research areas acting as drivers for the Department’s future research footprint.

**Weakness**

- i. Lack of faculty members as per sanctioned strength.



- ii. Lack of sufficient computational facilities.
- iii. Lack of Technical staff in the laboratories.
- iv. Lack of a departmental library for faculty and students.
- v. Lack of space for teaching and research facilities as new academic blocks are under construction.

### **Opportunities**

- i. As the department has faculty members working in both theoretical and experimental aspects of the discipline, hence a comprehensive development in teaching and research facilities covering both aspects can be ensured.
- ii. The University is in the proximity of the National Capital which has number of research institutions in and around it working in pure and applied aspects of the discipline hence possible to form collaborations for research and training purposes.
- iii. As there is no developed University in the nearby areas hence the department can take lead in offering quality post graduate and research programs to the students.
- iv. Since the department has recently been established with a young and dynamic faculty hence there is tremendous potential to develop the department as a Centre of Excellence in the discipline.
- v. Being a central university, there is a good opportunity to develop centralized computational and experimental research facilities through various major and minor research projects with financial assistance obtained through funding agencies that will benefit the teaching-learning community from the entire region.

### **Challenges**

- i. No research project available with the department at present.
- ii. Being a relatively new department, the infrastructure is still in the process of being developed.
- iii. Research facilities still need to be developed.
- iv. Lack of permanent faculty.
- v. Lack of proper geographical connectivity causing hindrance in the development of beneficial collaborations.
- vi. Systematic start of Ph.D. programme.

### **52. Future plans of the department.**

- Research Awareness Activity: On regular basis, Conference/ Seminar/ Workshop and Talks would be organised in the Department to develop and nurture scientific temper and research motivation amongst the students. For example, one conference/seminar in each semester and one workshop in each year may be organized/ conducted. Winter/Summer Projects/Program would also be arranged.
- Research Projects: In order to achieve sufficient funding for developing our own department, several innovative experimental and theoretical projects would be developed.
- Collaborative Research: For doing cutting edge research, we must have national and international collaborations on a wide scale.
- Departmental Library: The department should have its own library consisting of sufficient number of standard books and journals.

- Central & Advanced Instrumentation Facility: This unit should have various sophisticated and state of art instruments and experimental facilities that may be used by various departments.
- Central High Performance Computational Facility: This unit should have Cluster Computing facility so that various departments could use this for large scale simulations/numerical computations.
- Restructuring of Courses: While restructuring the syllabus/courses, major emphasis would be on providing useful skills that can be utilised beyond the conventional area. For example, in Physics relevant theoretical, computational and experimental methods and techniques that are presently on high demand should be taught properly. Choices in the elective courses may be exhaustive so that students may be able to identify their future interest correctly, especially in PhD course work.
- Focus of teaching activity: To produce the best and highly self-motivated master students who would be able to easily opt for career in research, and they would be able to qualify various examinations such as NET, GATE, BARC, DRDO, JEST, etc.

## Department of Political Science

1. **Name of the Department:** Political Science

2. **Year of establishment:**2009

3. **Is the Department part of a School/Faculty of the university?**

Yes, It is the part of School of Arts Humanities and Social Sciences.

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

- Ph.D. since 2009
- M.Phil since 2009
- M.A. since 2014

5. **Interdisciplinary programmes and departments involved**

The department offers following interdisciplinary courses:

S.No	Paper Code	Paper Name	Credit	Semester	Departments involved*
1	SSH POS01(105)G4004	Indian National Movement	4	First	Political Science and History
2	SSH POS01(111)E4004	Political Economy of India	4	Second	Political Science and Economics
3	SSH POS01(111)E4004	Introduction to Public Administration	4	Second	Political Science and Management
4	SSH POS01(113)C4004	Research Methodology	4	Third	Political Science, Economics, Management
5	SSH POS01(116)E4004	Political Sociology	4	Third	Political Science and Sociology

\* Special lectures by the faculty of other departments are arranged

**The interdisciplinary focus of the department is reflected in its research output.**

M Phil (Political Science):

Enrollment No	Roll No	Session	Name	Father's Name	Topic	Submitted /Awarded
CUH/01/2009	2007	2009-10	Ruchika	Sh. Randhir Singh	Implementation of MNREGS: A Case Study of Bhiwani District	Awarded
CUH/01/2012	1901	2012-13	Satrugha n	Ram Bilash	Implementation of Right to Education Act, 2009 under Sarva Shiksha Abhiyan: An analytical study of Mahendergarh District, Narnaul Block	Awarded
CUH/02/2009	2502	2009-10	Jyoti Sharma	Sh. Jitender Kumar Sharma	Socio-Economic Profile of Women Sarpanches: A Case Study of Alwar District in Rajasthan	Awarded
CUH/02/2011	1202	2011-12	Sneh Lata	Sh. Daya Ram	Participation of Women in Panchayati Raj Institutions: A Study of Gurgaon District	Awarded
CUH/02/2012	1902	2012-13	Anu Mehta	Sh. Durga Parsad	Public Health System in NRHM: Bawal Block of Rewari District	Awarded
CUH/03/2011	1203	2011-12	Javid Ahmad Ganai	Sh. Mohd. Aalim Ganai	Erosion of State Autonomy over the Years in Jammu & Kashmir	Awarded
CUH/03/2012	1903	2012-13	Ravinder Raghav	Satish Kumar	Indian-Nepal Relations: Recent Trends and Challenges	Awarded

CUH/04/2012	1904	2012-13	Rakesh	Mahender Singh	India-China Relations during UPA Regime	Awarded
CUH/05/2012	1905	2012-13	Ravikant	Moti Ram	Naxal Problems: Recent Trends and Challenges	Awarded
CUH/101/2013	4205	2013-14	Kusum Lata	Sh. Daya Ram	Role of social networking site in political awareness of youth: A study of Gurgaon District	Registered
CUH/97/2013	4201	2013-14	Kundan Kumar	Narendra Singh	NRHM: A Study of Mahendergarh Block of Haryana	Registered

**Ph.D. (Political Science):**

Enrollment No	Roll No	Session	Name	Father's Name	Topic	Submitted/Awarded
CUH/27/2009	2017	2009-10	Sarita Devi	Sh. Shiv Raj Singh	Role of Gram Sabha in Decentralized Governance: A Case Study of Jhajjar District (Haryana)	Registered
CUH/29/2009	2008	2009-10	Shilpa	Sh. Randhir Singh	Accountability in Governance through RTI Act: A Case Study of Bhiwani District in Haryana	Awarded
CUH/33/2010	127	2010-11	Manjeet Singh	Sh. Bhale Ram	Implementation of JNURM: A Study of Haryana	Registered
CUH/35/2010	129	2010-11	Kavita Devi	Sh. Azad Singh Hooda	Total Sanitation Campaign in Haryana: An Evaluation	Registered
CUH/36/2010	130	2010-11	Suresh Kumari	Sh. Narender Yadav	A Study of Self Help Groups Under SGSY in	Registered

					Haryana	
CUH/41/2011	1126	2011-12	Madhukar Sharma	Sh. Davki Nandan Sharma	Impact of Social Networking on Political Processes: A Study of National Capital Territory of Delhi	Awarded
CUH/42/2011	1127	2011-12	Ram Sharan	Sh. Giani Ram	Political Awareness Among Dalits and Non-Dalits	Registered
CUH/43/2011	1128	2011-12	Ruchika	Sh. Randhir Singh	Transparency and Accountability in Implementation of MNREGA: A Study of Haryana	Registered
CUH/47/2012	1651	2012-13	Sanju Yadav	Attar Singh	RTI as a tool for inclusive democracy with special reference of Rewari Town in Haryana	Registered
CUH/48/2012	1652	2012-13	Geeta Kumari Yadav	Ishwar Singh	Environmental Governance in India: A study of selected Judgments of the Supreme Court	Registered
CUH/49/2012	1653	2012-13	Rajesh Kumar	Mannoo Prasad	Empowerment of Women Through PRIs: A case study of the Sant Kabir Nagar District	Registered
CUH/50/2012	1654	2012-13	Sneh lata	Daya Ram	Gender Discrimination and Sports: A study of Haryana	Registered

**6. Courses in collaboration with other universities, industries, foreign institutions, etc.**

The Department is planning to collaborate with the Department of Political Science of reputed Universities. The modalities are being worked out.

**7. Details of programmes discontinued, if any, with reasons**

## Integrated M.Phil & Ph.D Programme

As initially there were two modes of M.Phil and Ph.D programmes i.e. through Direct Admission to each programme and Integrated Programme. Therefore, on the basis of the feedback received from academia in general and experts in the academic bodies of the University in particular, University authorities decided to discontinue M.Phil/Ph.D integrated programme and continued the M.Phil and Ph.D as independent programmes through Direct Admission.

### 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

The department adopts Semester System with 100% implementation of Choice Based Credit System (CBCS).

### 9. Participation of the department in the courses offered by other departments

The students of the department participate in the courses offered by other departments such as Sociology, Law and History.

### 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	??	00	00
Associate Professors	??	00	00
Asst. Professors	??	03	03
Others	??	00	00

### 11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil . Students guided for the last 4 years
Dr. Chanchal Kumar Sharma	????	Assistant Professor	Political Economy of India and Indian Federalism	16 years 5 months	3 M.Phil and 2 Ph.D submitted.
Dr. Rajeev Kumar Singh	????	Assistant Professor	Politics of Minorities, Social Exclusion and inclusion, Gender issues	03 years	2 M.Phil and 1 PhD submitted, 4 Ph.D ongoing
Dr. Raghvendra Pratap Singh	????	Assistant Professor	Indian Government and Politics	06 years	2 M.Phil and 4 ongoing

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

The modalities of involving visiting Fellows, adjunct faculty are being worked out.

**13. Percentage of classes taken by temporary faculty – programme-wise information**

Nil

**14. Programme-wise Student Teacher Ratio**

- M.A.: 25 : 3
- M.Phil.: 10 : 3
- Ph.D.: 8 : 3

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Presently the department doesn't have any support staff but the University is in process of recruiting the required staff.

**16. Research thrust areas as recognized by major funding agencies**

**NATIONAL:**

ICSSR has sanctioned Major Research Project on the following Areas:

1. Political Economy of Regional Disparities and Intergovernmental Transfers in India
2. Human Security and Conflict: A Comparative Study of Soanbhadra and Mahendergarh District of Uttar Pradesh and Haryana'

**INTERNATIONAL:**

Leverhulme International Network Grant (U.K.) through the University of Edinburgh, Scotland (U.K.) Continuity and Change in Indian Federalism

**17. Number of faculty with ongoing projects from:**

**(a) National Funding:**

Two faculty members received grant from ICSSR for Major Research Projects

***Dr. Chanchal Kumar Sharma: Rs. 10 Lakh***

- Project Title: Regional Disparities and Intergovernmental Transfers in the era of Economic Reforms and Coalition Government

***Dr. Rajeev Kumar Singh: Rs. 8 Lakh***

- Project Title: Human Security and Conflict: A Comparative Study of Soanbhadra and Mahendergarh District of Uttar Pradesh and Haryana'

**(b) International Funding:**

- Dr. Chanchal Kumar Sharma received grant from Leverhulme International Network Grant (U.K.) through the University of Edinburgh, Scotland (U.K.) Grant is received so far (as travel grant): GBP 1875.12

**18. Inter-institutional collaborative projects and associated grants received:**

<b>National collaboration</b>	Nil
<b>International collaboration</b>	Nil

No inter-institutional collaborative project so far. However Dr. Chanchal Kumar Sharma has collaborated with the University of Edinburgh and Delhi University. We are expecting a formal



collaboration with the University of Edinburgh and Delhi University for another project in the month of March 2016.

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Two research projects funded by the ICSSR; received grants: Rs 18 lakh (as mentioned in pt. 17)

**20. Research facility / centre with**

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

**21. Special research laboratories sponsored by / created by industry or corporate bodies**

Nil

**22. Publications:**

<b>Number of papers published in peer reviewed journals (national / international)</b>	43
<b>Monographs</b>	00
<b>Chapters in Books</b>	05
<b>Edited Books</b>	00
<b>Books with ISBN with details of publishers</b>	01
<b>Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	12
<b>Citation Index – range / average</b>	158
<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	2.34
<b>h-index</b>	07

**23. Details of patents and income generated**

As per law the abstract ideas are unpatentable. Thus the point is not applicable here.

**24. Areas of consultancy and income generated**

The department will start consultancy facilities in near future. We are planning to offer Institutional consultancy/advisory services to policy makers for Management of Intergovernmental Relations

**25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad**

**Dr. Chanchal Kumar Sharma**

- Invited to interact with experts by the Ministry of Home Affairs at Vigyan Bhawan, New Delhi (Interaction organized jointly by the Forum of Federation, Canada and Ministry of Home Affairs) 16 January 2009.
- Invited to visit CMF, ISS, New Delhi in the capacity of Honorary Fellowship by the Centre of Multi-level Federalism, Institute of Social Sciences, New Delhi (Since March 2011).
- Selected as Partner by the Institute of South Asian Studies, University of Edinburgh, Scotland, U.K. February 2014 (Invited to visit University of Edinburgh in May 2014, University of Bristol in December 2015 and Brighton in March 2016)
- invited by Department of Political Science, G.C. University Lahore, Pakistan to deliver Keynote Address and Chair a technical session at International Conference on ‘Representation of Local Power in South Asia’ 14 November 2014

**26. Faculty serving in**

<b>National committees</b>	Nil
<b>International committees</b>	Nil
<b>Editorial Boards</b>	<p><b>Dr. Chanchal Kumar Sharma serving as Editorial Board Member/Peer reviewer:</b></p> <ul style="list-style-type: none"> <li>• Canadian Journal of Political Science, Cambridge University Press</li> <li>• Asian Social Science, Canada;</li> <li>• Journal of Political Science, Pakistan</li> <li>• South Asian Journal of Socio-Political Studies, India;</li> <li>• Aryabhatta Journal of Mathematics and Informatics, India.</li> </ul>
<b>Any other (please specify)</b>	The faculty members are actively engaged in various cells and committees of the University and also the internal committees of the Department.

**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

Faculty members attend UGC-ASC orientation and refresher courses as per the requirement for the purpose of career advancement

**Dr Raghvendra Pratap Singh**

- Attended Orientation Programme Organized by UGC-Human Resource Development Centre, DDU Gorakhpur University, Gorakhpur from 23<sup>rd</sup> May- 19<sup>th</sup> June, 2015.

**Dr Rajeev Kumar Singh**

- Attended Orientation Programme Organized by UGC-Human Resource Development Centre, Banaras Hindu University, Varanasi from 3<sup>rd</sup> June- 31<sup>st</sup> June, 2015

**28. Student projects**

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	Nil
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Percentage of students doing projects in collaboration with other universities industry / institute	Nil
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**29. Awards / recognitions received at the national and international level by**

<b>Faculty</b>	<b>Dr. Chanchal Kumar Sharma</b> Appointed as FELLOW (Hon.) CMF, Institute of Social Sciences, New Delhi w.e.f. March 2011. Invited to join as partner in a collaborative project on Indian Federalism by the University of Edinburgh, Scotland.
<b>Doctoral / Post doctoral fellows</b>	<b>Dr. Rajiv Kumar Singh</b> Awarded Post Doctoral Fellowship by ICSSR
<b>Students</b>	Nil

**30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.**

Nil

**31. Code of ethics for research followed by the departments**

- All M.Phil dissertations and Ph.D. thesis are subject to plagiarism check.
- Regular Classes are held for M.Phil and Ph.D course Work.

**32. Student profile programme-wise:**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>2012-13</b>					
M.Phil.	18				
Ph.D.	31				
<b>2013-14</b>					
M.Phil.	13				
Ph.D.	NIL				
<b>2014-15</b>					
M.A. Political Science	265	10	02		
M.Phil.	86				
Ph.D.	82				

2015-16					
M.A. Political Science	228	09	16	Exams yet to be held.	Exams yet to be held.
M.Phil.	172	06	04	-	-
Ph.D.	136	-	-	-	-

**33. Diversity of students (2015-16)**

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A. (Sem-I)	Nil	76% (total 19)	24% (total 06)	Nil
M.A. (Sem-III)	Nil	33% (04)	66% (08)	Nil
M.Phil	Nil	70% (07)	30% (03)	Nil
PhD (Data pertains to existing students; no fresh registration in 2015-16)	Nil	40%	60%	

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Nil

**35. Student Progression**

<b>Student Progression</b>	<b>Percentage against enrolled</b>
<b>UG to PG</b>	Not applicable
<b>PG to M.Phil.</b>	Not applicable because No passout batch of PG till 2015
<b>PG to Ph.D.</b>	Not applicable because No passout batch of PG till 2015
<b>Ph.D. to Post-Doctoral</b>	Not applicable
<b>Employed</b>	No campus selection Data and details not available
<ul style="list-style-type: none"> <li>• <b>Campus selection</b></li> <li>• <b>Other than campus recruitment</b></li> </ul>	
<b>Entrepreneurs</b>	Data and details not available

**36. Diversity of Staff**

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	0
<b>From other universities within the State</b>	33%
<b>From universities from other States</b>	66%
<b>From universities outside the country</b>	0

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

Nil

**38. Present details of departmental infrastructural facilities with regard to:**

<b>Library</b>	There is a central Library of the University
<b>Internet facilities for staff and students</b>	Yes
<b>Total number of class rooms</b>	03
<b>Class rooms with ICT facility</b>	Nil
<b>Students' laboratories</b>	N.A
<b>Research laboratories</b>	N.A

**39. List of doctoral, post-doctoral students and Research Associates**

From the host institution/university	???
From other institutions/universities	???

**40. Number of post graduate students getting financial assistance from the university.**

- One student, Mr. Pintu kumar Pandey, received financial assistance under 'Earn While Learn' Scheme in the session 2014-15.
- All Students enrolled in M.Phil are receiving University Non-NET Fellowship.
- All the Non-NET regular Ph.D scholars are receiving University Non-NET Fellowship.

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

The requirement of the new programmes and related aspects such as seats for students and faculty strength etc are discussed in the Board of Studies and School Board. The recommendations of the School Board are placed in the Academic Council for its recommendations. Final approval is given by the Executive Council. Once approved, the proposed programme is started in the Department.

**42. Does the department obtain feedback from**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, through departmental meetings and the same is submitted for the consideration of academic bodies.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, through interaction and the same is considered while framing curriculum and teaching-learning evaluation.
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Yes, through interaction and meetings at regular intervals.

**43. List the distinguished alumni of the department (maximum 10)**

Dr. Madhukar Sharma, Guest Faculty, Central University of Jharkhand

Dr. Suresh Kumari, Government College, Narnaul

**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Department has initiated the series of Extension Lectures by the eminent scholars. These are as under:

Sr. No.	Name	Designation
1.	Prof. M.P.Singh	Department of Political Science, Delhi University
2.	Prof. R.K. Barik	Indian Institute of Public Administration, New Delhi
3.	Prof. R.K. Sharma	Department of Political Science, University of Rajasthan
4.	Prof. Ashwani Mahapatra	Department of Political Science, Jawaharlal Nehru University
5.	Prof. T.P. Singh	Department of Political Science, Banaras Hindu University

6.	Prof. A.P.S. Chauhan	Department of Political Science, Jiwaji University, Gwalior
7.	Prof. Madhurendra Srivastava	Department of Political Science, Kumaun University, Nainital, Uttarakhand
8.	Prof. Nalini Kant Jha	Department of Political Science, Pondicherry University
9.	Prof. R. S. Yadav	Department of Political Science, Kurukshetra University

**45. List the teaching methods adopted by the faculty for different programmes.**

- Lecture
- Tutorial
- Practical Classes of Situational & Communicative English
- PPT Presentations & Discussions
- Open Book Exams
- Interactive Teaching based on ICT

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Teachers take their classes on regular basis and the examinations are conducted for evaluation of their performance.

**47. Highlight the participation of students and faculty in extension activities.**

Students participate in extension lectures organized by the Department from time to time. They also participate in programmes such as:

- Sensitisation and awareness programmes
- Clean Campus Initiatives
- Gender Sensitization Programmes
- Curriculum and Content Development
- Providing Remedial Coaching to the school students of neighbouring villages

**48. Give details of “beyond syllabus scholarly activities” of the department.**

The faculty members are contributing in the initiative of the University for UGC NET Coaching

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

The department is in the process of the first cycle of NAAC accreditation.

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

**Dr. Chanchal Kumar Sharma** has contributed towards generating basic knowledge in the subject area duly recognized by the international scholars:

- He has introduced two new concepts of Public Finance: Vertical Fiscal Difference and Vertical Fiscal Asymmetry (published by Blackwell, Oxford, in its journal Public Administration).
- He has also framed a new theory called ‘Discursive Dominance Theory of Economic Reform Sustainability’ (published by Routledge, U.K. in its journal India Review).

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths:**

- i. Competent faculty
- ii. International recognition
- iii. Quality research output
- iv. Excellent coordination and team work
- v. Regular classes, counselling and interaction with students

**Weaknesses:**

- i. Low benchmark for selection of students and scholars (as meritorious students do not turn up for admission, selections have to be made from the available pool of students)
- ii. No staff to support administrative work
- iii. Lack of faculty at the level of Professors/visiting Professors/Adjunct Professor

**Opportunities:**

- i. High potential for international research
- ii. Potential to establish specialized research centre on federal studies
- iii. High potential of international collaborations

**Challenges:**

- i. To attract quality students
- ii. To engage reputed research centres or institutions for collaborative research programmes
- iii. To work out international collaborations

**52. Future plans of the department.**

- To conduct at least one national/international seminar per academic session.
- To provide better facilities for teaching-learning (smart classrooms)
- To establish a specialized research centre
- To collaborate with national and international research centres or departments of reputed universities for students and faculty exchange programmes



## Department of Psychology

- 1. Name of the Department:** Department of Psychology
- 2. Year of establishment:** 2014
- 3. Is the Department part of a School/Faculty of the university?**  
Yes. Under the School of Arts Humanities and Social Sciences
- 4. Names of programs offered:**  
M.A. Psychology (Master of Arts in Psychology)
- 5. Interdisciplinary programmes and departments involved:**  
Yes, the Master Programme inculcates the values of interdisciplinary approaches because psychology takes learning from natural sciences (Biology, Physics, Human genetics etc.) and social sciences (Philosophy, Sociology, History, Political Science and Economics etc.)
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc.:**  
Collaborations are not made because the department is newly established. However in near future the department has full potential to have these collaborations with other departments of Indian Universities / Institutes as well as foreign Universities / Institutes.
- 7. Details of programmes discontinued, if any, with reasons**  
No
- 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:**  
The departments have Semester based examination system and adopted fully Choice Based Credit System.
- 9. Participation of the department in the courses offered by other departments:**  
Yes the department promotes students to take courses of their interest from the other departments of University and students took courses from Sociology, History & Archeology, Environmental Sciences, Chemistry, Hindi and Physics.
- 10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/ Others):**

	Sanctioned	Filled <sup>1</sup>	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	04	00	01(Contractual)
<b>Others</b>	00	00	00

<sup>1</sup> Recruitment Process for permanent faculties is going on and soon department will have permanent faculty members.

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil students guided for the last 4 years
Dr. Jitendra Kumar K.	PhD. M.Phil, M.A. and UGC NET, ICMR-JRF & SRF, DAAD Fellow	Assistant Professor	Mental Health, Stress Management, Test & Scale Development, Organizational Behaviour, Discrimination issues, Personality and skill development, Social Psychology	01	N.A. Department doesn't have M.Phil. PhD. Programme

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:**

Not available but in future this would be the priority of department.

**13. Percentage of classes taken by temporary faculty – programme-wise information**

Since the University is going to recruit permanent faculty member soon so currently 100% classes are taken by temporary faculty members.

**14. Programme-wise Student Teacher Ratio:**

M.A.- 10:1

**15. Number of academic support staff (technical) and administrative staff:**

Not yet available but the department would be given supportive staff once the recruitment will be done which is going to be done soon.

Sanctioned	Filled and actual
NA	NA

**16. Research thrust areas as recognized by major funding agencies:**

Being a newly establish department, currently department doesn't have major research thrust areas however in near future department would undertake research on Mental Health, Cognition, Human-computer interactions and socio-biology of behavior and other allied areas of psychology.

**17. Number of faculty with ongoing projects from:**

National	Nil
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<b>International Funding Agencies</b>	Nil
<b>Total Grants Received</b>	Nil

**18. Inter-institutional collaborative projects and associated grants received:**

<b>National Collaboration</b>	Nil
<b>International Collaboration</b>	Nil

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Not Available. Attempt would be made soon to have some research project from these agencies.

**20. Research facility / center with:**

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

**21. Special research laboratories sponsored by / created by industry or corporate bodies:**

Nil.

**22. Publications:**

<b>Number of papers published in peer-reviewed journals (national / international)</b>	04
<b>Monographs</b>	01
<b>Chapters in Books *</b>	00
<b>Edited Books</b>	01
<b>Books with ISBN with details of publishers</b>	01
<b>Number listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	00
<b>Citation Index – range / average</b>	00
<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	00
<b>h-index</b>	00

**23. Details of patents and income generated:**

Nil, however department will take initiative in this direction in future.

**24. Areas of consultancy and income generated**

Not available now. Currently the department is not offering consultancy but once the department will have permanent faculty members then they will engage in consultancy work.

**25. Faculty selected nationally / internationally to visit other laboratories /institutions / industries in India and abroad**

Nil.

**26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify):**

**Dr. Jitendra Kumar K.**

**Other Committees:**

- Member, Career Counselling, Training and Placement Cell, Central University of Haryana
- Faculty Coordinator, Divergent Thinking for UGC-NET Classes, Central University of Haryana
- Student's Counsellor, under the Career Counselling, Training and Placement Cell of Department of Psychology, Central University of Haryana
- Member of Document Verification and Counselling Assistance Committee the subcommittee of Admission Committee, Central University of Haryana
- Member of Telephone/Online Enquiry Committee the subcommittee of Admission Committee, Central University of Haryana
- Member of Departmental Purchase Committee, Department of Psychology, Central University of Haryana.

**27. Faculty Recharging Strategies (UGC, ASC, Refresher / Orientation Programmes, Workshops, Training Programs and Similar Programs):**

Nil.

**28. Student Projects:**

Percentage of students who have done in-house projects including inter-departmental projects	Nil
Percentage of students doing projects in collaboration with other universities, industry / institute	Nil

**29. Awards / recognitions received at the national and international level by:**

Faculty	<b>Dr. Jitendra Kumar K.</b> <b>National-</b> 1. <b>Senior Research Fellowship (SRF) in 'Psychology'</b> under the <i>Indian Council of Medical Research (ICMR) Senior Research Fellowship Scheme</i> , qualified for the award under All Indian competitive exam, July 2009 and availing w.e.f. <b>June 2010 to May 2014.</b> 2. <b>Junior Research Fellowship (JRF)</b> Under the
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	<p>Scheme of <i>The M. Phil/PhD. Fellowship of the Centre for Studies in Sociology of Education (CSSE), Tata Institute of Social Sciences</i>, availed from <b>April 2009 to May 2010</b>.</p> <p><b>International-</b></p> <p>3. DAAD Fellowship for four months to <b>Freie University Berlin, Germany</b> for Research and Study under the auspices of the '<i>Passage to India</i>' programme, supported by the <b>DAAD (German Academic Exchange Service)</b>, availed from <b>1<sup>st</sup> October 2010 to 31 January 2011</b>.</p>
<b>Doctoral / Post-doctoral fellows</b>	Nil
<b>Students</b>	Nil

**30. Seminars/Conferences/Workshops organized and the source of funding (National/International) with details of outstanding participants, if any.**

Nil, Certainly this area of excellence will be achieved in near future.

**31. Code of ethics for research followed by the departments:**

Yes. However the research program is yet to start in the department.

**32. Student Profile (Programme-wise):**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>Session 2014-15</b>					
MA Psychology	46	4	4		-
<b>Session 2015-16</b>					
MA Psychology	109	8	13	Exams yet to be held.	Exams yet to be held

**33. Diversity of students:**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2015-16</b>				

MA Psychology Ist Sem	Nil	81%	19%	Nil
MA Psychology IIIrd Semester	100%	87.5%	12.5%	Nil

- 34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

This is not applicable because students are yet to appear in the above mentioned competitive examinations.

- 35. Student Progression:**

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
Campus selection	Nil
Other than campus recruitment	Nil
Entrepreneurs	Nil

- 36. Diversity of staff**

Percentage of faculty who are graduates of the same university	Nil
from other universities within the State	Nil
from universities from other States	100%
from universities outside the country	Nil

- 37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:**

Not applicable because the faculty members have already pursued PhD.

- 38. Present Details of Departmental Infrastructural Facilities with Regard to:**

Library	The Centralized Library of University
Internet facilities for staff and students	Yes, the campus is fully Wi-Fi enabled

<b>Total number of class rooms</b>	02
<b>Class rooms with ICT facility</b>	Currently not, but work is on progress soon they will fully equipped
<b>Students' laboratories</b>	01 (Furniture and equipment are under procurement)
<b>Research laboratories</b>	Nil.

**39. List of doctoral, post-doctoral students and Research Associates**

This does not apply to the department because there is no research program.

<b>From the host institution/university</b>	Nil
<b>From other institutions/universities</b>	Nil

**40. Number of Post-Graduate Students Getting Financial Assistance from the University:**

One student, Mr. Girish Gopi, received financial assistance under 'Earn While Learn' Scheme in the session 2014-15.

In the session 2015-16 students may get financial help under 'Earn While Learn Scheme' because application process is on the way.

**41. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.**

Yes. Before starting the course, expert from well-established departments were invited to propose necessity of subject.

**42. Does the Department Obtain Feedback from:**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, through departmental meetings and the same is submitted for the consideration of academic bodies.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, through interaction and the same is considered while framing curriculum and teaching-learning evaluation.
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Not yet produced

**43. List the distinguished alumni of the department (maximum 10) :**

Yet to be produced

**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:**

Lectures on the topics of PASS Model of Intelligence and Time Management in Classroom Activities were delivered by Professor CBP Singh, invited as guest lecture from the Department of Psychology, TM Bhagalpur University, Bhagalpur.

**45. List the teaching methods adopted by the faculty for different programmes.**

- Lecture Method, Discussion method and brain storming sessions
- Demonstration and Power Point Presentation (on a few selected topics)
- Field observation and survey
- Tutorial and talks
- Also used advance technology, like 3D brain structure, computer based experiment and test and usage of available highly efficient software.
- Films and video lecture series from world class university available online.

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

By taking the feedback from the students.

**47. Highlight the participation of students and faculty in extension activities:**

Students of M.A. Program actively participated in the various programs like Nukkad natak, NSS Camps, awareness rallies, and other celebrations for social awareness, organized by different cells of the University from time to time.

**48. Give details of “beyond syllabus scholarly activities” of the department.**

- Debate & Discussion on socially relevant topics
- Opportunity to communicate in the classes
- Making presentation & classroom teaching
- Quiz competition and opportunity for performing arts

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

No. Not yet done. However, the department is in the process to be accredited by NAAC.

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied**

Yet to be contributed in near future.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strength:**

- i. Diverse students
- ii. Well qualified and diverse faculties
- iii. New and updated Syllabus according to the CBCS
- iv. Healthy, democratic and cordial environment to fulfill academic thrust.
- v. Tutorials and communication skills improvement with innovation in the field is encouraged

**Weakness:**

- i. Inadequate no. of faculties
- ii. Infrastructure
- iii. Lack of Supporting Staff



- iv. Lack of collaboration with other institutions

**Opportunities:**

- i. There are immense opportunities for the Department to be developed as model Department because department is recently established and most of the facilities are yet to be developed.
- ii. Research projects can be obtained for the department.
- iii. M.A Psychology program is inter-disciplinary in nature which gives students to choose courses as per their choices and interests. This would definitely help to increase employability of the students.
- iv. Endeavor to fully establish the laboratories like- Cognitive Lab, Experimental Lab, Personality lab and Center for Clinical & Counselling with advanced instruments, necessary equipment and computers to undertake advanced researches. Also orient students with contemporary relevant yet fundamental and crucial concepts of psychology.
- v. The department would be highly progressive for the development of the learning methodologies for the differently abled persons through rigorous research.

**Challenges:**

The major challenge of the department is:

- i. To attach well qualified, dedicated, energetic and morally sound faculties
- ii. To attract highly motivated, enthusiastic, energetic and dedicated students to pursue higher education in the field of psychology
- iii. To maintain the beauty of diversity
- iv. To develop infrastructural facilities as soon as possible
- v. To ensure extension of advantages of new techniques and methods of teaching-learning in the field of Psychology to the students.

**52. Future plans of the department.**

To modify the existing syllabus and bring substantial changes to make it more applied, skill-oriented and job market-friendly.

- To attract students from all over India and provide them best quality education through practical learning.
- To introduce field-work in M.A. Psychology program by associating students as per their interest to the various public organizations, hospitals, non-government organizations, corporates, industries and community organizations.
- To promote final year students to undertake field-based research project so that they can fully relate the psychological knowledge to the existing social realities and to promote the students to publish their researches in the journals of national and international repute.
- To attract national as well as international research projects for strengthening research ambiance of the department.
- To provide psychological services in the field of health, mental health, industries and to the communities so that they can contribute significantly for the welfare of humanity and nation building by ensuring employability of their own.
- To introduce and promote field-based researches by linking with Industries, Hospitals, community organizations, NGOs and prestigious universities.

- To organize International and National Workshops, Conferences, Symposium and Congress on prior basis.
- To Develop training and career counselling center for screening and promotion of awareness and opportunities for the better employment of graduating students of this university and the students from the schools of the villages adopted by the University.
- To introduce M.Phil & Ph.D programs to enhance research output of the Department.
- To adopt and actively participate in the emerging teaching-learning initiatives including development of e-content, students support services, and life-long learning education (virtual classroom, on-line lessons and examinations, e-teaching and learning) for MOOCS (Massive Open Online Courses) and other such online initiatives.

## Department of Sociology

1. **Name of the Department:** Department of Sociology.
2. **Year of establishment:** 2014.
3. **Is the Department part of a School/Faculty of the university?**  
Yes, School of Arts, Humanities and Social Sciences.
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :**  
Master of Arts ( M.A.) in Sociology (since 2014)
5. **Interdisciplinary programmes and departments involved:**  
Although currently the Department is not offering any interdisciplinary programme, however, under the CBCS Model, students are required to choose courses from other Departments. In the year 2014-15, students from the Departments of English, Hindi, Psychology, Journalism and Mass Communications and Chemistry opted for courses in the Department of Sociology, while students from the Department opted for a course in the Department of History. In the current academic session, that is 2015-16, students from Departments of Geography, Journalism and Mass Communication, Education, History, English, Psychology and Political Science have opted for courses offered by the Department while our students have opted for courses in Departments of Education, Journalism and Mass Communication, History, Political Science, Geography and Psychology.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**  
Not yet commenced. It will be done in near future.
7. **Details of programmes discontinued, if any, with reasons :**  
Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System :**  
The Department has adopted the semester system, with complete implementation of and concurrence with the Choice Based Credit System.
9. **Participation of the department in the courses offered by other departments:**  
Under CBCS Model, students have the option to choose courses from other Departments. In year 2014-15, students from the Department opted for a course in the Department of History. In the current academic session, that is 2015-16, our students have opted for courses in Departments of Education, Journalism and Mass Communication, History, Political Science, Geography and Psychology.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Assistant Professors</b>	04	00	02*
<b>Others</b>	00	00	00

\* Working on contract basis.

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance :**

Sr. No	Name	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D/ M.Phil. Students guided for the last 4 years
1.	Dr. Sumedha Dutta	Ph.D. M.Phil., M.A.	Assistant Professor and Teacher-in-charge	Political Sociology, Sociology of Religion, Sociology of Development, Sociological Theories	2 years	Nil
2.	Mr. A.P.A. Kabeer	Ph.D. (pursuing), M.Phil., M.A.	Assistant Professor	Sociology of Education, Social Movements, Globalization and Society	1 Years	Nil

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :**

In process.

**13. Percentage of classes taken by temporary faculty – programme-wise information:**

100 % (for M.A. programme)

**14. Programme-wise Student Teacher Ratio:**

13: 2 for M.A. Sociology.

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**

Presently the Department does not have support staff. However, the University is in the process of recruiting the required number of staff.

**16. Research thrust areas as recognized by major funding agencies :**

The Department is in the process of identifying thrust areas and submitting proposals to funding agencies, primarily in the field of Sociology of Gender and Sociology of Development.

**17. Number of faculty with ongoing projects from:**

As mentioned above, proposals are in the process of submission.

<b>National</b>	Nil
<b>International Funding Agencies</b>	Nil
<b>Total Grants Received</b>	Nil

**18. Inter-institutional collaborative projects and associated grants received:**

<b>National Collaboration</b>	Nil
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<b>International Collaboration</b>	Nil
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19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:**

In process.

20. **Research facility / centre with :**

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

21. **Special research laboratories sponsored by / created by industry or corporate bodies :** Nil

22. **Publications:**

<b>Number of papers published in peer-reviewed journals (national / international)</b>	01
<b>Monographs</b>	00
<b>Chapters in Books *</b>	01
<b>Edited Books</b>	00
<b>Books with ISBN with details of publishers</b>	00
<b>Number listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)</b>	00
<b>Citation Index – range / average</b>	00
<b>SNIP</b>	00
<b>SJR</b>	00
<b>Impact Factor – range / average</b>	00
<b>h-index</b>	00

23. **Details of patents and income generated :**

The Department shall take necessary measures in the near future after consultation with various stakeholders and agencies.

24. **Areas of consultancy and income generated :**

The Department is currently in the process of mapping the needs of the area, and once that is accomplished, consultancy services shall be commenced.

25. **Faculty selected nationally / internationally to visit other laboratories / institutions /industries in India and abroad:**

Nil.

**26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify):**

**Dr. Sumedha Dutta:**

**Other Committees:**

- Life Member, Indian Sociological Society (ISS)
- Member, Board of Studies, Department of Sociology, Central University of Haryana (2014-2015)
- Member, Admission Committee, Central University of Haryana (2015-16)
- Faculty coordinator for the dissemination of social skills to students, under Career Counselling, Training and Placement cell, Central University of Haryana.
- Functioned as Assistant Warden of the Girls' hostel (2014-15)
- Member, Committee for the restructuring of hostel fee, in the capacity of Assistant Warden, Central University of Haryana.
- One of the Coordinators of Post Dinner Talks (2014-15)
- Coordinator of the programme, "Youth Contribution to the Beijing +20 Review Debate", jointly organized by Centre for Social Research (CSR), New Delhi, and Central University of Haryana (CUH), in March, 2015.

**Mr. A.P.A. Kabeer:**

- Life Member, Comparative Education Society of India (CESI)

**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):**

Dr. Sumedha Dutta attended a one week workshop on "Research Methodology and Data Analysis using SPSS", jointly organized by Department of Statistics and Department of Education, Central University of Haryana, as a resource person, between 15<sup>th</sup> to 20<sup>th</sup> April, 2015.

**28. Student projects :**

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	Nil
<b>Percentage of students doing projects in collaboration with other universities, industry / institute</b>	Nil

**29. Awards / recognitions received at the national and international level by :**

<b>Faculty</b>	Dr. Sumedha Dutta was awarded the ICSSR Doctoral Fellowship, from (2012 – 2014), by the Indian Council of Social Science Research (ICSSR), Ministry of Human Resource Development, and Government of India.
<b>Doctoral / Post- doctoral fellows</b>	Nil
<b>Students</b>	Nil

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:**

The Department is in the process of organizing its maiden seminar.

**31. Code of ethics for research followed by the departments :**

Yes. There are research ethics however the department currently does not have research programme. The Department currently offers only the Masters programme in Sociology.

**32. Student profile programme-wise:**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
<b>Session- 2014-15</b>					
MA	52	3	8	Exams yet to be conducted	Exams yet to be conducted
<b>Session 2015-16</b>					
MA	71	9	6	Exams yet to be conducted	Exams yet to be conducted

**33. Diversity of students:**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>Session 2015-16</b>				
MA Ist Semester	Nil	53.33%	46.66%	Nil
MA IIIrd Semester	Nil	86.66%	13.33%	Nil

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:**

Not yet available because students are yet to take up these competitive Exams.

**35. Student progression :**

Student Progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
M.Phil to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil

<b>Employed</b>	Nil
• <b>Campus Selection:</b>	
• <b>Other than Campus Recruitment:</b>	• Mr. Sudhir Kumar – Uttar Pradesh Police
<b>Entrepreneurs</b>	• Mr. Praveen Kumar – Small Business

**36. Diversity of staff:**

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	Nil
<b>From other universities within the State</b>	Nil
<b>From universities from other States</b>	100%
<b>From universities outside the country</b>	Nil

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :**

- Dr. Sumedha Dutta was awarded her Ph.D. degree on the topic, “Religion and Civil Society in India: A Study of Ramakrishna Mission, Shiromani Gurdwara Parbandhak Committee (SGPC) and Don Bosco Foundation”, from Jawaharlal Nehru University, New Delhi, in May 2015.
- Mr. A.PA. Kabeer is currently pursuing his Ph.D. degree from Jawaharlal Nehru University, New Delhi.

**38. Present details of departmental infrastructural facilities with regard to:**

<b>Library</b>	The University Library.
<b>Internet facilities for staff and students</b>	For all, since the University is completely wi-fi enabled
<b>Total number of class rooms</b>	02
<b>Class rooms with ICT facility</b>	Nil, however the Department is in the process of procurement of LCD projectors.
<b>Students’ laboratories</b>	The Department is in the process of setting up a computer laboratory for students.
<b>Research laboratories</b>	Nil

**39. List of doctoral, post-doctoral students and Research Associates:**

This does not apply to the Department because there is no Research Programme.

<b>From the host institution/university</b>	Nil
<b>From other institutions/universities</b>	Nil



**40. Number of post graduate students getting financial assistance from the university:**

Nil. Although several students have applied for the same, this semester.

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:**

Yes, there were surveys conducted in the neighbouring feeding institutions and interactions were conducted with various stakeholders in order to assess the need for each programme. This was followed by the consideration and approval of each course by the various academic bodies of the university.

**42. Does the department obtain feedback from :**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes. The department utilizes the feedback to identify the best methods suitable for teaching-learning-evaluation, and also to revise the existing syllabi. These are obtained through departmental meetings which are thereafter submitted for the consideration of academic bodies.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, through interaction and the same is considered while designing curriculum, and for teaching-learning-evaluation.
<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	The Department is yet to have its first batch of alumni. The feedback of the employers are utilized for betterment of the Department in terms of infrastructure, teaching learning and evaluation methods, and beyond the syllabi activities.

**43. List the distinguished alumni of the department (maximum 10) :**

The Department is yet to have its first batch of alumni.

**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:**

The Department is in the process of having its first series of guest lectures from eminent faculty, as well its maiden seminar. However, the Department had taken the lead in organizing the event, "Youth Contribution to the Beijing +20 Review Debate", jointly organized by Centre for Social Research (CSR), New Delhi, and Central University of Haryana (CUH), in March, 2015.

**45. List the teaching methods adopted by the faculty for different programmes:**

- Lectures
- Tutorials
- Field work
- Power point presentations
- Brain storming sessions
- Films
- Documentaries
- Other Informational Videos

**46. How does the department ensure that programme objectives are constantly met and learning**

**outcomes are monitored?**

Through constant feedback, appraisal and working on the shortcomings, in consonance with the objectives of the Department and the University, involving multiple actors and stakeholders in the process. Regular meetings at various levels ensure the continuous assessment and fulfilment of programme and departmental objectives.

**47. Highlight the participation of students and faculty in extension activities:**

The Students and faculty members of the Department have been actively engaged in the following extension activities:

- National Service Scheme activities
- Blood donation camps
- Cleanliness drives and related activities under the Swachh Bharat Abhiyaan
- Anti-Tobacco awareness drives
- Plantation drives
- Awareness programmes for saving the girl child.

**48. Give details of “beyond syllabus scholarly activities” of the department:**

- Dr. Sumedha Dutta is the Faculty Coordinator for the dissemination of Social Skills to the students of the University, as part of initiatives of the Career Counseling, Training and Placement Cell, Central University of Haryana.
- The faculty members of the Department are engaged in counseling the students for UGC- NET examinations

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details:**

The department is in the process of the first cycle of NAAC accreditation

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:**

- **Dr. Sumedha Dutta** was the **resource person** in a one week workshop on “**Research Methodology and Data Analysis using SPSS**”, in the session, “Research Report Preparation and Publication”, jointly organized by the Department of Statistics and the Department of Education, Central University of Haryana, between 15<sup>th</sup> to 20<sup>th</sup> April, 2015.
- **Dr. Sumedha Dutta** presented a paper entitled, “**The Salesian Movement and Civil Society in Guwahati**”, in the 40<sup>th</sup> All India Sociological Conference, held at the Mahatma Gandhi Kashi Vidyapith, Varanasi, between 29<sup>th</sup> November and 1<sup>st</sup> December, 2014.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:**

**Strengths:**

- i. Highly qualified, trained, young, dedicated and motivated faculty members, with great exposure.
- ii. Diversity of students, hailing from varied states of India with diverse disciplinarian, cultural and socio-economic backgrounds.
- iii. Ability to attract students from other departments for its optional courses.
- iv. No compromise on quality with emphasis on the study of original texts by eminent authors and the focus on critical and original thinking.

- v. Highly discursive classes with great emphasis on discussions, debates and presentations.

**Weaknesses:**

- i. Lack of adequate faculty members.
- ii. Shortage of staff.
- iii. Insufficient publications.
- iv. Insufficient guest lectures, seminars, conferences etc.
- v. Yet to collaborate with other Universities.

**Opportunities:**

Given the recent origin of this Department, there lies a plethora of opportunities:

- i. Possibility of doing some seminal projects by the faculty members, and thereby to even generate recommendations for policy formulation, especially in the field of gender, with the region having the lowest sex ratio.
- ii. The other areas which have great potential for research here include Sociology of Environment, Rural Sociology, Political Sociology, Sociology of Family, Marriage and Kinship etc.
- iii. Since the University is located near the National and academic capital, the city of Delhi, it will be possible to attract students, experts and visiting faculty from the most prestigious institutions, through Student and Faculty Exchange Programmes, which can then be broadened to include universities from other regions of the country and abroad.
- iv. Given the location of the place, with ample opportunities for field based research, there is a great potential for intensive fieldwork, extension activities and the development of diploma or full time courses in social work, development studies, etc.
- v. There is also an opportunity for the development of some interdisciplinary discourses, and specialized chairs with specific reference to the area and its unique culture and heritage.

**Challenges:**

- i. Attracting eminent faculty members in Associate Professor and Professor Levels.
- ii. Addressing the problems of language and translation, with respect to students hailing from vernacular mediums.

**52. Future plans of the department:**

The Department of Sociology, Central University of Haryana, seeks to enwiden its horizons, and emerges as a Centre of excellence in the coming years. The following points highlight the areas on which the Department seeks to work upon in the near future:

- Establishment of a Departmental library
- Development of students' corner/lab complete with all facilities - computers with up to date software packages and e-books, printing cum scanner cum photocopier machines, LCD projectors etc.
- Organization of Workshops, seminars, conferences and symposiums on a regular basis.
- Introduction of M.Phil. And Ph.D. programmes
- Engagement of faculty and students in varied projects, and attempt to secure funding for such projects.
- Student and Faculty Exchange Programmes with other Universities – Regional, National and International
- Dissemination of skill based knowledge and development of diploma courses in social work, development studies etc.

- Development of a placement cell.
- Publication of annual reports, working papers, edited volumes and journals.
- Formulation of specialized courses, interdisciplinary discourses and establishment of different specialized chair.

## Department of Statistics

1. **Name of the Department:** Department of Statistics
2. **Year of establishment:** 2013
3. **Is the Department part of a School/Faculty of the university?**  
Yes, School of Physical and Mathematical Sciences
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**  
M.Sc.(Since 2013)
5. **Interdisciplinary programmes and departments involved**  
Though the department doesn't offer any Inter-disciplinary programme, but the Syllabus of the department is based on CBCS
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**  
Not Yet
7. **Details of programmes discontinued, if any, with reasons**  
**Programme:** NIL
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
The department adopts Semester System with 100% implementation of Choice Based Credit System (CBCS).
9. **Participation of the department in the courses offered by other departments**  
Yes, with the adoption of Choice Based Credit System (CBCS) in the University, the students of the department participate in the courses offered by other departments including Mathematics, Computer Science, and Economics.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	00	00
<b>Associate Professors</b>	02	00	00
<b>Asst. Professors</b>	04	00	00
<b>Others(Contractual) Asst. Professor</b>	-	01	01

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Sr. No	Name	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D/ M.Phil. Students guided for the

						<b>last 4 years</b>
1.	Vinay Kumar	M.Sc , Ph.D.(Pursuing)	Assistant Professor	Statistical Inference, Biostatistics	03 year 02 months	NIL

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

In Process

**13. Percentage of classes taken by temporary faculty – programme-wise information**

100%

**14. Programme-wise Student Teacher Ratio**

M.A.: 28:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Presently the department doesn't have any support staff but the University is in process of recruiting the required staff.

**16. Research thrust areas as recognized by major funding agencies:**

The faculty of the department has not submitted any project so far.

**17. Number of faculty with on-going projects from**

<b>National</b>	Nil
<b>International funding agencies and</b>	Nil
<b>Total grants received. Give the names of the funding agencies, project title and grants received project-wise.</b>	Nil

**18. Inter-institutional collaborative projects and associated grants received**

<b>National collaboration</b>	Nil
<b>International collaboration</b>	Nil

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. Nil**

**20. Research facility / centre with**

<b>State Recognition</b>	Nil
<b>National Recognition</b>	Nil
<b>International Recognition</b>	Nil

**21. Special research laboratories sponsored by / created by industry or corporate bodies:**

Nil

**22. Publications:**

Number of papers published in peer-reviewed journals (national / international)	03
Monographs	00
Chapters in Books *	00
Edited Books	01
Books with ISBN with details of publishers	00
Number listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	00
Citation Index – range / average	00
SNIP	00
SJR	00
Impact Factor – range / average	00
h-index	00

**23. Details of patents and income generated**

Department shall take necessary measures in consultation with corporates and industry in future.

**24. Areas of consultancy and income generated**

Department will introduce paid consultancy service in Data analysis in near future.

**25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad**

Vinay Kumar, Assistant Professor is visiting faculty at CRS University, Jind, Haryana since 2014.

**26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)**

**Vinay Kumar:**

**Other Committees:**

- Director of Sports (offg.) CUH, from December 01, 2013 to till date.
- Hostel Warden (Boys), CUH from October15, 2013 to January 2014.
- Incharge, Trekking Club, CUH
- Incharge, Horticulture Club, CUH
- Key member of the committees responsible for campus development activities including creation of Sports Ground, Helipad, and Gazebo etc.
- Member of various purchase committees of the university.
- Member of the committee for Floor Management, Tentage & Photography for orientation Programme 2013-14.

**27. Faculty recharging strategies (UGC, ASC, Refresher / Orientation programmes, workshops, training programs and similar programs).**

**Vinay Kumar:**

<b>S. No.</b>	<b>Programme</b>	<b>Duration</b>	<b>Organised by</b>
1.	Training Programme on <b>Official Statistics</b>	07 Days (25/06/2012 to 29/06/2012)	NASA, MOSPI
2	Workshop on <b>Research Methodology and Data Analysis Using SPSS</b>	07 Days (15/04/2015 to 20/04/2015)	Central University of Haryana

**28. Student projects**

<b>Percentage of students who have done in-house projects including inter-departmental projects</b>	Nil
<b>Percentage of students doing projects in collaboration with other universities, industry / institute</b>	Nil

**29. Awards / recognitions received at the national/ international level by**

<b>Faculty</b>	Nil
<b>Doctoral / Post-doctoral fellows</b>	Nil
<b>Students</b>	Nil

**30. Seminars / Conferences / Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.**

1. National Seminar on Application and Role of Statistics in Multidisciplinary Approach on October-21-23, 2014.
2. One week National Workshop on Research Methodology and Data Analysis using SPSS, April 13-17, 2015.

**31. Code of ethics for research followed by the departments**

- The Department is strict and factual in all scientific communications, in reporting data, results, methods and procedures, and student evaluation.
- Department is unbiased in data analysis and data interpretation.



**32. Student profile (Programme-wise):**

Name of the Programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc Statistics -2013	13	03	01	75%	25%
M.Sc Statistics-2014	65	07	08	-	-
M.Sc Statistics-2015	201	09	04	-	-

**33. Diversity of students**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of Students From Other Countries
M.Sc Statistics-2013	NIL	100%	-	-
M.Sc Statistics-2014	NIL	40%	60%	-
M.Sc Statistics-2015	NIL	54%	46%	-

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

The Students are preparing for above mentioned examinations.

**35. Student Progression**

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
Campus selection	Nil
Other than campus recruitment	
Entrepreneurs	Nil

**36. Diversity of Staff**

<b>Percentage of faculty who are graduates of:</b>	
<b>From same university</b>	Nil
<b>From other universities within the State</b>	100%
<b>From universities from other States</b>	Nil
<b>From universities outside the country</b>	Nil

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

**Ph. D: One faculty is pursuing Ph.D.**

**38. Present details of departmental infrastructural facilities with regard to**

<b>Library</b>	Nil
<b>Internet facilities for staff and students</b>	Yes, the campus is fully Wi-Fi enabled
<b>Total number of class rooms</b>	02
<b>Class rooms with ICT facility</b>	Yes, all the classrooms have ICT facilities.
<b>Students' laboratories</b>	01
<b>Research laboratories</b>	01

**39. List of doctoral, post-doctoral students and Research Associates**

At Present Department is not having any Research Programme.

**40. Number of post-graduate students getting financial assistance from the university.**

None from University but one students got scholarship from DST, Govt. of India.

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, the neighbouring feeding institutions were surveyed and interactions were conducted with the stakeholders in order to assess the need for each programme. Thereafter, the proposal for each course was considered and approved by the various academic bodies of the university.

**42. Does the department obtain feedback from**

<b>Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?</b>	Yes, through departmental meetings and the same is submitted for the consideration of academic bodies.
<b>Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?</b>	Yes, through interaction and the same is considered while framing curriculum and teaching-learning evaluation.

<b>Alumni and employers on the programmes offered and how does the department utilize the feedback?</b>	Yes, through interaction and meetings at regular intervals.
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**43. List the distinguished alumni of the department (maximum ten):**

So far only one batch of 4 students has passed out in 2015.

**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.**

Department has initiated the series of Extension Lectures by the eminent scholars. The list of the eminent scholars identified by the Department includes the following:

<b>Sr. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Affiliation</b>
1.	Prof Arvind Pandey	Director,	National Institute of Medical Statistics , New Delhi
2.	Prof Madhulika Dube	Head	Department of Statistics, M.D. University, Rohatk
3.	Prof Rajeev Kumar	Professor	M.D. University, Rohatk
4.	Prof Aquil Ahmed	Professor	Aligarh Muslim University
5.	Dr K. D. Parshad	Deputy Director	IGNOU

**45. List the teaching methods adopted by the faculty for different programmes.**

- Lecture
- Tutorial
- PPT Presentations & Discussions
- Interactive Teaching based on ICT

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

Necessary steps have been taken to ensure that various objectives are realised, by considering and evaluating feedback from different stakeholders, including students, faculty members, parents, academia and alumni.

**47. Highlight the participation of students and faculty in extension activities.**

Students and faculty of the department contribute in certain activities for:

- Constituting the statistical Society
- Sensitisation and awareness programmes
- Clean Campus Initiatives
- Gender Sensitization Programmes
- Curriculum and Content Development
- Providing Remedial Coaching to the school students of neighbouring villages.

**Details of a few activities:**

- i. The faculty and students of the department are actively contributing to the activities under the various Sports activities and Social Outreach programmes.

- ii. NSS Camps: Seventeen students of the department are engaged in this programme.
- iii. Six Students Donate Blood in camp organised by the university in 2015.
- iv. Ms Divya, M.Sc. (Statistics), participated in various Yoga activities at State/National Level (Session 2014-15)
- v. Ms. Aroma Yadav, M.Sc. (Statistics), participated in State Level Red Cross Camp and won 3<sup>rd</sup> prize in dance competition, 3<sup>rd</sup> prize in Singing and 2<sup>nd</sup> prize in Sun Moon race games respectively(Session 2014-15)
- vi. Four Students Aroma Yadav, Jyoti Yadav, Suman Yadav, Bhawana attended 15 days SPSS Training Course in Banaras Hindu University in 2014
- vii. Ms. N.Kerthi Sri M.Sc. (Statistics), won 1<sup>st</sup> prize in extempore and group dance in State level YRC camp in 2014.
- viii. Mr. Ritesh Yadav M.Sc. (Statistics), awarded INSPIRE Scholarship by DST, Govt. of India.
- ix. 18 students of the Departments participated in the one week National Workshop on ‘Research Methodology and Data Analysis Using SPSS on 15-20, April, 2015.
- x. Mr Vinay Kumar, Assistant Professor was involved in following activities:

Sr. No.	Name & Nature of Activity	Nature of Participation	Date
1.	Panel Discussion in ‘Orientation Programme’	Panelist	August 08, 2013
2.	National Seminar on ‘Application & Role of Statistics in Multidisciplinary Research’	Organizing Secretary	October 23-24, 2013
3.	Co-Chaired a session in ‘National Seminar on Application & Role of Statistics in Multidisciplinary Research’	Co-chaired	October 24, 2013
4.	Presented a paper in National Seminar Titled ‘A Statistical Study on Impact of Government Policy: Fact from Family Planning Programme’	Presenter	October 24, 2013
5.	Extension Lecture in Deptt. of Law on <b>Role of Modern Statistics for Legal Decisions</b>	Expert	Feb. 13, 2013
6.	Extension Lecture in Deptt. of Education on <b>Application of Statistics in Educational Research</b>	Expert	September 17, 2014
7.	Co-Editor , book on “ <b>Application and Role of Statistics In</b>	Co-Editor With ISBN no.	

	<b>Multidisciplinary Research”</b>		
8.	Extension Lecture in Deptt. of Education on <b>Statistical Techniques and its Application</b>	Expert	Feb. 18, 2015
9.	One week Workshop on <b>Research Methodology and Data Analysis using SPSS</b>	Organizing Secretary	April,15-20,2015
10.	Deliver Lecture on <b>Data Analysis using SPSS and MS-Excel</b> in one week workshop on <b>Research Methodology and Data Analysis using SPSS</b>	Resource Person	April 17, 2015
11.	First Trekking Session in the Aravalis for promoting Holistic Development	Coordinator	August 27, 2013
12.	Second Trekking Session in the Aravalis for promoting Holistic Development	Coordinator	September 15, 2013
13.	First State Level Cross Country with the message against <b>“Female Foeticide and Atrocities against Women”</b>	Coordinator	November 22, 2013
14.	First Annual Sports Meet of the University	Coordinator	November 20-24, 2013
15.	First Cricket Tournament in the University	Coordinator	January 7-9, 2014

**48. Give details of “beyond syllabus scholarly activities” of the department.**

- Conducted Extension Lectures by the External Resource persons
- Mr Vinay Kumar is contributing in the initiative of the University for UGC NET Coaching Classes.
- The teachers of the department participated in about 15 conferences/ seminars/ workshops organized by various academic institutions in India during the last three years.
- Participation of students in Quiz.

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

The department is in the process of the first cycle of NAAC accreditation.

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

- Contribution in organizing University-level academic events, including National Seminar on ‘Application and Role of Statistics in Multi-Disciplinary Research on 23-24, October, 2013

- Contribution in organizing University-level academic events, including one week National Workshop on 'Research Methodology and Data Analysis Using SPSS on 15-20, April, 2015.
- Faculty of the department visited other Universities as Resource Persons, Chair/Co-Chair and Keynote Speaker in seminars and conferences at various levels.
- Faculty of the department contributes in organising various sports activities in the university in the form of Trekking, Cross country and Sports meets.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strength**

- Students from diverse ethnic background
- Continuous updating of curriculum in the light of UGC guidelines and current industry requirements.
- Projects and Field work an essential component of Post Graduate Programmes.
- The Department is offering few papers as elective courses to Master's Degree students of Mathematics, Computer Science and Economics,
- The department promotes use of open source software for practical.
- Strong, democratic and friendly System of Departmental administration.

**Weakness**

- Lack of Supporting Staff
- Lack of Global Exposure to the students.
- Lack of faculty.
- Lack of infrastructure for Department
- Presently, Department is not running integrated programmes

**Opportunities**

- It being a new University, there are the opportunities for devising and exploring innovative pedagogies and curriculum as per the needs of the hour.
- Variety of Employment opportunities available in Academic Institutes/ Research / Corporate World.
- Huge Scope for expansion and growth of the subject at national and International Level.
- Increasing demand for analytical work in corporate sector.
- Department can harness the opportunity to engage itself in multidisciplinary research environment with the Choice-Based Credit System being in force in the University.
- Maintaining the rigor in the department so as to attract the students from prestigious universities

**Challenges**

- Maintaining the competitive environment in the department with the students coming from diverse linguistic and regional backgrounds
- To introduce the discipline of Statistics in various government sector jobs
- To overpower the locational disadvantage for attaining global competence

- iv. Keeping pace with fast changing industrial scenario
- v. To develop a robust and credible computational facility for development of Statistical data analysis center.

**52. Future plans of the department.**

- Certificate and Diploma Courses in Data Analysis/ Biostatistics
- Collaborative initiatives with prestigious organisations
- Student-exchange programmes
- Creative Writers in-Campus Programmes
- Continuing the Series of Extension Lectures by the Eminent Professors
- Engaging Visiting Professors/Adjunct Faculty
- Organising Seminars/Conferences/Workshops at regular intervals

## Department of Tourism & Hotel Management

1. **Name of the Department :** Tourism & Hotel Management
2. **Year of establishment:** 2015
3. **Is the Department part of a School/Faculty of the university?**  
Yes, The Department is an integral part of School of Language, Linguistics, Culture & Heritage, Central University of Haryana.
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :**
  - Ph.D (Tourism & Hotel Management)
  - Master of Hotel Management & Catering Technology (MHMCT)
5. **Interdisciplinary programmes and departments involved:**  
The Programme is open for all disciplines.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** N/A
7. **Details of programmes discontinued, if any, with reasons:**  
No programme has been discontinued.
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**  
Choice Based Credit System in Semester Mode
9. **Participation of the department in the courses offered by other departments:**  
Yes, as per Choice Based Credit System in Semester Mode
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	01	01	(On Deputation)*
<b>Associate Professors</b>	02	--	Advertised*
<b>Asst. Professors</b>	04	02	(Temporary)*

All sanctioned posts have been advertised and are under the process of recruitment.

12. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
Dr. Ashish Dahiya	Ph.D, M.Sc – Hotel Management and Masters in Tourism Management	Professor & Head	Hotel & Tourism Management	12 Years	Two



Ms. Shelley Duggal	M.Sc – Hotel Management	Assistant Professor	Hotel Management	07 Years	--
Mr. Vikas Mohan	M.Sc – Hotel Management and Masters in Tourism Management	Assistant Professor	Tourism and Hotel Management	07 Years	--

- 12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : NIL**
- 13. Percentage of classes taken by temporary faculty – programme-wise information:**  
70% of classes are being taken by temporary faculty.
- 14. Programme-wise Student Teacher Ratio: 4:1**
- 15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :**  
Sanctioned: ND, Filled: NIL, Actual: ND
- 16. Research thrust areas as recognized by major funding agencies:**
- Hotel, Hospitality Operations & Management
  - Food Service Management & Operations
  - Culinary Practices & Food Gastronomy
  - Hospitality & Tourism Education
- 17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**
- National: 1**
- Principal Investigator: Dr. Ashish Dahiya
- Funding agency: UGC (University grants commission)
- Project title: Evaluating the Existing Culinary Practices & Gastronomy Delights of Haryana State for the Promotion of Community Oriented Highways Tourism
- Grant received: Rs. 8,78,000 /-**
- a) International: 0
- b) Total grant received: Rs. 5,66,600/-, 2<sup>nd</sup> Instalment Awaited
- 18. Inter-institutional collaborative projects and associated grants received**
- **National collaboration:** None
  - **International collaboration:** None
- 19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : None**
- 20. Research facility / centre with**
- **State recognition :** None
  - **National recognition :** None
  - **International recognition :** None

21. **Special research laboratories sponsored by / created by industry or corporate bodies :** None

22. **Publications:**

<b>Number of papers published in peer reviewed journals (national/international)</b>	<b>Prof. Ashish Dahiya</b> <ul style="list-style-type: none"> <li>• National : 16</li> <li>• International: 09</li> </ul> <b>Ms. Shelley Duggal</b> <ul style="list-style-type: none"> <li>• National : 07</li> <li>• International : 05</li> </ul> <b>Mr. Vikas Mohan</b> <ul style="list-style-type: none"> <li>• National : 01</li> <li>• International : 02</li> </ul>
<b>Monographs</b>	NIL
<b>Chapters in Books</b>	Prof. Ashish Dahiya : 09
<b>Edited Books</b>	Prof. Ashish Dahiya : 04
<b>Books with ISBN with details</b>	<b>Prof. Ashish Dahiya</b>  Food of Haryana: The Great Desserts (ISBN:978-93-81818-13-5)  Food of Haryana: The Great Chutneys( ISBN: 978-93-81818-05-3)  Hospitality Industry Contemporary Issues (ISBN: 978-81-904282-1-7)  Introduction to Hospitality Industry: A Text Book (ISBN : 978-81-8204-046-05)
<b>Number listed in International Database</b>	Prof. Ashish Dahiya : 09 Ms. Shelley Duggal : 05 Mr. Vikas Mohan : 02
<b>Citation Index – range / average</b>	N/A
<b>SNIP</b>	-
<b>SJR</b>	-
<b>Impact Factor – range / average</b>	-
<b>h-index</b>	N/A

23. **Details of patents and income generated :** N/A and Nil

24. **Areas of consultancy and income generated :** Hotel Management And Nil

25. **Faculty selected nationally / internationally to visit other laboratories / institutions /industries in India and abroad :**

Prof. Ashish Dahiya visited Hotel ITC Maurya New Delhi to see their culinary and food service areas and participated in Global Culinary Exchange on the 29<sup>th</sup> Sept 2015

26. **Faculty serving in National committees b) International committees c) Editorial Boards d) any other (please specify):**

**National Committees:**

## **Prof. Ashish Dahiya**

### **Board of Studies/Expert Committee (Hotel and Tourism Management)**

- HNB Garhwal Central University
- BIT – Mesra Ranchi
- University of Patanjali
- Kumaon University
- M.D University Rohtak
- Dev Sanskriti University Hardwar
- Deen Bandhu Chhotu Ram University of Science And Technology- Murthal Sonipat
- IGNOU – New Delhi

### **Member Expert Committees on Education, Research and National Development**

- University Grants Commission
- CBSE – New Delhi
- AICTE
- Department of Technical Education, Govt. of Haryana

### **Office Bearers of Professional Bodies Including Teachers' Association, Teachers' Club, Alumni Association, Academic Societies Etc**

- Vice President and Member M.D. University Teacher's Club
- Jt. Secretary – Indian Hospitality Congress
- Life Member – Indian Tourism Congress
- Life Member – Indian Society for Technical Education

### **Editorial Boards:**

- Journal of Hospitality Application & Research - a biannual publication by B.I.T- Mesra & Dept. of Tourism Govt. of Jharkhand. (ISSN 0973 – 4538)
- International Journal of Hospitality & Tourism Systems (ISSN 0947 – 6250)
- Journal of Tourism – An International Journal jointly published by University of Mississippi USA & HNB Garhwal University India. (ISSN 0972 – 7310)
- Member Editorial Board: Journal of Tourism & Hospitality; Los Angeles – USA (Open Access) (ISSN: 2167-0269)
- Member Editorial Review Board: Journal of Tourism, Hospitality & Culinary Arts MALAYSIA (ISSN 1985 – 8914)
- Member International Board – Journal of Tourism Law – Australia (ISSN 2200 – 0429)

### **Any Other:**

- Member Executive Council – Central University of Haryana
- Member Academic Council – Central University of Haryana
- Dean – School of Language, Linguistics, Culture & Heritage, Central University of Haryana
- Director – Internal Quality Assurance Cell, Central University of Haryana
- Coordinator – Deen Dayal Upadhaya Kaushal Kendra, Central University of Haryana
- Member – Purchase Committee, DTHM - Central University of Haryana
- Head – Department of Tourism & Hotel Management, Central University of Haryana

**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). : None**

**28. Student projects**

- **Percentage of students who have done in-house projects including inter-departmental projects:**

The Department has been established in 2015 thus the In House & Inter Departmental Projects are yet to be initiated.

- **Percentage of students doing projects in collaboration with other universities industry / institute :**

The Department has been established in 2015 thus the projects in collaboration with other universities are yet to be initiated.

**29. Awards / recognitions received at the national and international level by**

**Faculty:**

**Dr. Ashish Dahiya**

S. No.	Details (Mention Year, value etc, where relevant)
1.	Certificate of Appreciation by Vice Chancellor Uttarakhand Open University – Uttarakhand for Contribution to Launching of Hospitality & tourism Programme at Uttarakhand Open university as Programme Advisor & Publishing of study Material. (2008)
2.	Certificate of Appreciation by Vice Chancellor Birla Institute of Technology, Mesra Ranchi for Contribution of Launching Journal of Hospitality Application & Research (JOHAR) India's first University Journal of Hospitality. (2006)
3.	Biography listed in Asia Pacific Who's Who (2006)
4.	Recipient of 'Attithya Ratan Puraskar' Gem of Hospitality Award 2013, HNB Garhwal Central University Uttarakhand.
5.	Recipient of 'Teacher of the Year Award – Best Teacher Male' Pearson Teaching Awards 2013, New Delhi.
6.	Recipient of 'Indian Hospitality Congress Award' 2014, Mumbai.

**Ms. Shelley Duggal:**

S. No.	Details (Mention Year, value etc, where relevant)
	Gold Medal and certificate of merit for certificate course in French at MD University
	Awarded with "The Aspiring Researcher of Hospitality Travel & Tourism" Award by Indian Hospitality Congress in feb, 2015.

- Doctoral / post doctoral fellows : None
- Students : None

**30. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any. :**

One day workshop on chocolate making and mocktails in September 2015

**31. Code of ethics for research followed by the departments :**

As framed by the university

**32. Student profile programme-wise:**

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Master of Hotel Management and Catering Technology	50	11	01	N/A	N/A
Ph.D	35	-	-	-	-

**33. Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Master of Hotel Management and Catering Technology	NIL	100%	NIL	NIL

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. :**

One Student of Department of Tourism & Hotel Mgmt Mr. Ajay Kumar has qualified UGC NET – Tourism (2015) conducted by CBSE

**35. Student progression**

Student progression	Percentage against enrolled
UG to PG	N/A
PG to M.Phil.	N/A
PG to Ph.D.	N/A
Ph.D. to Post-Doctoral	N/A
Employed	
• Campus selection	N/A
• Other than campus recruitment	
Entrepreneurs	N/A

**36. Diversity of staff**

Percentage of faculty who are graduates	
of the same university	NIL
from other universities within the State	33.3%
from universities from other States	66.7%
universities outside the country	NIL

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :**

NIL

**38. Present details of departmental infrastructural facilities with regard to**

- **Library** : Attached with Central Library of University
- **Internet facilities for staff and students** : Yes
- **Total number of class rooms** : 02
- **Class rooms with ICT facility** : Yes our all campus is Wi-Fi, Thus the class rooms as well
- **Students' laboratories** : 02
- **Research laboratories** : Yet to be developed

**39. List of doctoral, post-doctoral students and Research Associates**

- **from the host institution/university** : NIL
- **from other institutions/universities** : NIL

**40. Number of post graduate students getting financial assistance from the university :**

01 Student (SC)

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology :**

Yes. Need assessment was done before opening MHMCT programme. This included interactions with stake holders, suggestions from internal and external experts. A formal expert committee involving of representatives from Industry & Academia deliberated to give their comments and views for framing the syllabus as Hotel Management is a professional course that needs practical features in the course curriculum. Further, foreign experts were involved via ICT medium for their opinions.

The committee included:

**Chef Sudhir Sibbal**

Ex. Vice President

India Tourism Development Corporation, Ministry of Tourism, Govt. Of India

**Mohd. Shahid Hasnain**

Principal

IHM Rohtak

**Prof. (Dr.) Mrs. Shweta Hooda**

Dean & Head

Hotel & Hospitality Administration

BPS Women University

Khanpur Kalan

**Prof. (Dr.) Mohinder Chand**

Department of Tourism & Hotel Management

Kurukshetra University - Kurukshetra

**Dr. Ashish Dahiya**

Director

Institute of Tourism & Hotel Management

M.D. University Rohtak

The committee proposed and planned the course for MHMCT and Ph.D Tourism and Hotel Management for Central University of Haryana

**42. Does the department obtain feedback from**

- i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : Yes, the department adopts a mechanism to obtain feedback from faculty on curriculum as well as teaching learning evaluation through discussions and departmental committee meetings. This is utilised in developing the curriculum to make the student ready for employment.
- ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? : Yes, in process as the dept has started in 2015.
- iii. Alumni and employers on the programmes offered and how does the department utilize the feedback? : : Yes, in process as the dept has started in 2015.

**43. List the distinguished alumni of the department (maximum 10) :**

The department is established in 2015, thus presently we do not have alumni.

**44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:**

- Celebrations of International Housekeeper week from September 13-19, 2015.
- One day workshop on chocolate making and mocktails in September 2015.

**Special Lectures:**

- Extension lecture by Prof. Manjula Choudhary from Kurukshetra University on Contemporary Issues in Management on 20<sup>th</sup> August 2015
- Extension lecture by Dr. Surjit Kumar on Tourism development in Haryana and rising scope of Tourism and Hotel Management in India on 1<sup>st</sup> September 2015 on the occasion of Haryana Tourism Day.
- Extension lecture by Chef Manjit Gill on latest trends in hospitality on 2<sup>nd</sup> September 2015.
- Extension lecture by Prof. Radhey Shyam from M.D. University Rohtak on Positive Psychology and Stress Management on 14<sup>th</sup> Sep. 2015.
- Extension Lecture by Dr. Anoop Kumar – Institute of Hotel & Tourism Management, M.D University Rohtak on Sept 17, 2015 on Facilitation Services in Hospitality & Tourism Management.
- Extension Lecture by Mohd Shahid Hasnain – Principal Institute of Hotel Management Rohtak on Culinary Management & Operations on Sept 17, 2015
- Extension Lecture by Prof. Sonia Malik from Dept. of Psychology M.D University Rohtak Haryana on 06<sup>th</sup> October 2015 on Personality Development & Positive Psychology
- Extension Lecture by Dr. Ranbir Singh from Institute of Tourism & Hotel Management M.D University Rohtak Haryana on 06<sup>th</sup> October 2015 on Indian Tourism - Current Status & Future Prospects'

**45. List the teaching methods adopted by the faculty for different programmes:**

- Lectures and discussion oriented tutorials
- Scientific and interactive learning
- Problem solving classes
- Power point Presentations and Assignments
- Group Discussion
- Lecture-demonstration by teacher

- Lecture-demonstration by another instructor(s) from a special field (guest speaker)
- Presentation by a panel of instructors or students
- Role Play
- Quizes
- Student construction of diagrams, charts, or graph
- Case Study

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

The department monitors the progress of every student via various assignments, discussions, seminars, presentations and written tests with proper evaluation and feedback, which happen after regular intervals so as to know the learning outcomes. Completing the prescribed syllabus on time by using classic and modern teaching techniques has been targeted to meet the programme objectives. This is further supplemented by field visits, activity based learning exercise and community involvement in events. Further, the improvement is done on the basis of students' evaluation of teachers in the feedback form.

**47. Highlight the participation of students and faculty in extension activities:**

- Participated in various extension lectures delivered by eminent faculty and industry experts
- Participated in Green-Clean Campus activities.
- Participating in theme preparation.
- Participated in NSS activities.
- Extending hospitality services thus, complementing the practicals on suitable occasions to University guests.

**48. Give details of “beyond syllabus scholarly activities” of the department.**

- Extension lectures by eminent Professors from time to time.
- Group discussion on current topics in classroom
- Role play or simulation activities to improve the students' situation handling skills similar to hotel industry.
- Theme based activities.
- Visit of Students & Faculty to All India Hospitality Ensemble at New Delhi
- Field Tour & Excursion trip to Jaipur city for Hospitality exposure
- Presentations on various topics in groups, etc.
- Visit to ITHM, Maharshi Dayanand University, Rohtak and IHM, Rohtak.

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

The Department has been approved by UGC – New Delhi

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

The Department of Tourism & Hotel Management offers a two-year full time Master of Hotel Management & Catering Technology Programme (MHMCT) under Choice based Credit System with a blend of Theoretical as well as practical inputs. The course curricula offers subjects not only for teaching and training to the students, but also encouraging them undertake activity based learning events, innovative dissertation work in various niche areas of hospitality & tourism. This is further supplemented by Six months internship in Hotels. The Department has emerged as a leader by introducing MHMCT programme for the first time in any Central University in India. Further, the Department has also initiated the Doctoral Programme in Tourism & Hotel Management; this shall include research work on various areas of academic and industry pertaining to hospitality & tourism contributing to new knowledge basic or applied.



New Building: The department, being a constituent of the School of Language linguistics, Culture & Heritage, is proposed to be accommodated in an independent floor in the new academic blocks of the university with state of the art infrastructure. The proposed block shall have Basic Training Kitchens, Quantity & Advance Training Kitchens, Culinary Studios, Food Service Labs, a seminar hall and other facilities.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths:**

- i. First Central University in India to launch full time Master of Hotel Management & Catering Technology Programme.
- ii. Experienced faculty and hardworking students.
- iii. Good student teacher ratio.
- iv. Conducive environment and constant support from University Administration.

**Weakness:**

- i. Infrastructure for the Departmental Labs needs to be developed
- ii. Practicals need to be strengthened
- iii. Alumni Association needs to be established
- iv. Lack of Hospitality & Tourism Industrial Units in the nearby 100 km of Area, partially affecting industry inputs, training and placement of students

**Opportunities:**

- i. To establish the department with state of the art facilities and set benchmarks in hospitality & tourism education.
- ii. First Master's Programme of Hotel Management in Central Universities of India thus to explore research opportunities, foreign collaborations & plan for a research journal.
- iii. Delivery of consultancy activities
- iv. Developing Industry Institute Collaborations

**Challenges:**

- i. To attract students from all over India and foreign countries and managing diversity in this rural location.
- ii. Recruiting good faculty members to join this department in remote location and retaining them.
- iii. To improve soft skills & communication for foreign language of students for hospitality & tourism business
- iv. To assure good placements for students in Hospitality & Tourism in India and overseas.

**52. Future plans of the department.**

The Department has the following future plans:

- Development of infrastructure.
- Obtaining research funding from funding agencies for initiating research projects.
- To introduce skill oriented programmes in Hospitality & Tourism.
- Development of departmental library.
- Seek Central Financial Assistance Development Grant form Ministry of Tourism, Govt. of India.