

### CENTRAL UNIVERSITY OF HARYANA NAAC Accredited 'A' Grade

# ANNUAL REPORT 2017-18



MAKE IN IND



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Chancellor

Prof. R.C. Kuhad

Vice-Chancellor

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# **ANNUAL REPORT 2017-18**



### **CENTRAL UNIVERSITY OF HARYANA**

Jant-Pali, Mahendergarh (Haryana-123031)

## **Contents**

SI.No.	Subject	Pg. No.
1.	The University Logo	IV
2.	About the University	V
3.	From the Desk of the Vice-Chancellor	VI-VII
4.	Executive Council	VIII
5.	Academic Council	IX-X
6.	Finance Committee	XI
7.	Academic Programme	XII-XIII
8.	List of Departments	XIV
9.	Fee Structure	1-9
10.	<b>Research Projects Undertaken by the Faculty</b>	10-12
11.	Major Academic & Research Contribution of the Vice-Chancellor	13-14
12	Departments of the University	16-93
13.	Cells/Clubs/Societies of the University	94-97
14.	The Central Library	98-100



**Shri Ram Nath Kovind** President of India Visitor of the University

**6** Universities should play a leading role in addressing the specific challenges faced by our nation. Many of these challenges require creative and innovative solutions.

### **CENTRAL UNIVERSITY OF HARYANA**



'Achieving through Believing'

### **University Logo**

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 "*Vidyadhanam Sarvadhanapradhanam*" at the bottom conveys that 'knowledge' is the unrivalled attainment for all.

### **ABOUT THE UNIVERSITY**

#### University

The Central University of Haryana (established vide Central Universities Act 2009) is the only University of the state of Haryana to be funded and regulated by University Grants Commission and Ministry of Human Resource Development (MHRD), Government of India.

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 125 kilometers away from Delhi. It is well connected to Delhi through railways.

#### Visitor of the University

His Excellency, the President of India, Shri Ram Nath Kovind

#### Chancellor

**Prof. M.P. Singh** (till 08<sup>th</sup> July, 2018)

Prof. P.L. Chaturvedi (w.e.f. 09<sup>th</sup> July, 2018)

Vice-Chancellor

#### Prof. R.C. Kuhad

FNASC, FNAAS, FBRS

#### Vision

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

#### Mission

To serve as a beacon of change, through multi-disciplinary learning, for creation of knowledge community, by building a strong character and nurturing a value-based transparent work ethics, promoting creative and critical thinking for holistic development and self-sustenance for the people of India. The University seeks to achieve this objective by cultivating an environment of excellence in teaching, research and innovation in pure and applied areas of learning, with a focus on social enquiry, democratic ethos and inclusive socio-economic development, community out-reach initiatives, scientific endeavours and technological advancement.

#### **Objectives of the University**

The objectives of the University are:

- 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**

Perseverance, determination, enquiry, ethical conduct, probity, transparency, accountability and continuous selfevaluation and improvement to 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.



**Prof. Ramesh Chander Kuhad** FNAS, FNAAS, FBRS, Vice-Chancelor



### From the Desk of the Vice-Chancelor ...

I am delighted to report on our performance and achievements for the academic session 2017-18. The past year was one of transformation and positive development for the University. The University reviewed its internal operations and reorganised its academic structures, aimed at embedding excellence, further enhancing our teaching and research capabilities and offering a distinctive student experience.

We are in the process of building world class infrastructure and looking to the future with a great deal of excitement and optimism. Amid the change, the University has continued to deliver on its vision and is proud of how much has been accomplished. It fills me with tremendous satisfaction to see how our staff and students are using their education and experiences at the University to realise their dreams and make their mark on the world.

The leadership of this University has always expressed its commitment-not only to maintaining academic excellence, but to moving the Central University of Haryana to ever greater recognition and accomplishments. I begin this academic year with a renewal to our commitment to excellence in teaching underpinned by world-leading research.

In the past year, our University has moved forward on a number of fronts-our University received the coveted 'A' Grade by NAAC with CGPA of 3.10 out of 4. The research publications by our teaching faculty have grown by 95.6% in the last three years with average 1.8 citations per publication. The citation impact of the publications of our faculty shows the global acceptance of research output of our university. In the past one year, University contributed 248 research publications and mobilised more than 12 crores through 30 national and international research projects in various areas of research. Besides, the academic departments have established collaborations with several prestigious foreign universities.

Our university has also been at the forefront of implementing the MHRD's GIAN initiative aimed at tapping the talent pool of internationally acclaimed scientists and entrepreneurs. This has helped us realise our objectives for research-led teaching at this University. So far Professors from Germany, USA, Mexico, UK and Portugal have offered specialized courses in our university under GIAN Scheme. The university is also going to host visiting professors from abroad in the next academic session.

To improve and strengthen the Academia-Industry Linkages, the university has operationalized linkages with several well-known companies. Without a doubt, our University is on its way to being positioned squarely in the international realm of knowledge production, research and innovation. I hope the impressive performance of our talented teachers will gain further momentum in the coming years.

Apart from generating high quality research outcomes, we are focussed on involving the students in research activities by designing research-oriented curriculum and pedagogy. For this, we provide state of the art research infrastructure for innovative researchers and investigative minds to help them pursue their

passions. In pursuit of excellence in innovation, we are gradually incorporating such practices that will strengthen the campaigns such as 'Digital India', 'Skill India', 'Startup India', and Rashtriya Avishkar Abhiyan and train our students to become lifelong learners and innovators.

We realize that the two major changes that have sounded a death knell for the old ways of learning and doing things are: (a) The days of one-way communication are over (b) The age of 'average' is over. These two shifts pose serious questions before the teachers, academic leaders, students, and parents who are left with no other option but to respond to the global change in a swift and efficient manner. Thus, we promote greater use of information technology in the teaching-learning process. All the departments of study are equipped with Smart Classrooms. Five Virtual Classrooms have been established for development of MOOCs, Video recording and live streaming of lectures, video conferencing and webcasting of lectures. The university has developed a portal for Resource Sharing with other institutions within Haryana. This portal is being developed in tune with the Prime Minister's invocation for Resource Sharing. We have also established an English Language Laboratory to impart communication skills to the students.

Our university always keeps the welfare and wellbeing of our students a top priority, and thus encourages faculty members to offer one-to-one counselling to students. The aim is to assist, support and empower students and help them face challenges of a University life. In view of this, our University has established a robust mechanism to redress the grievances of the students. At the same time, we strive to promote the values of a global citizen among students through civic engagement and social work. With every passing year, our engagement with the neighbouring community is becoming more widespread and diverse. Our staff, faculty and students have actively engaged themselves in the welfare programmes of the Central and the State Government as the part of the University's Social Outreach initiatives. Our University is constantly involved in improving the socio-economic status of eight villages adopted under Unnat Bharat Abhiyan.

To be able to continue to deliver such great results and improve on those results in the years to come, all the stakeholders must work together, as a team, with the right vision, the right plan, and the right people. Together, we must strive to realize the vision and mission of this university and shoulder a bounden duty to lead the University on its road to becoming a promising university with "Indian *c*haracteristics." Indeed, making Central University of Haryana one of the world's leading universities may look like a dream, but it's neither impossible nor quixotic if we focus our resources on the most important things and push ourselves to achieve excellence in teaching and research-the foundations upon which every quality University is built.

I look forward to building on our significant achievements of the past year and to continuing to nurture and support our dedicated staff and talented students to achieve their full potential.

Jai Hind!

(Prof. R.C. Kuhad)

### **EXECUTIVE COUNCIL**

Members of the Executive Council (As on 31<sup>st</sup> March, 2018)

1	Chairperson : <b>Prof. R.C. Kuhad</b> Vice-Chancellor, Central University of Haryana				
2	<b>Prof. M. Anandakrishnan</b> Former Chairman, BOG IIT Kanpur, & Science City, Chennai Science City Building, Planetarium Campus, Gandhi Mandapam Road, Chennai–600 025.	3	<b>Prof. D.P.S. Verma</b> Former Professor, Department of Commerce, Delhi School of Economics, University of Delhi, Delhi.		
4	<b>Prof. Sushma Yadav</b> Vice-Chancellor, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Haryana, Pin-131305.	5	<b>Prof. V.K. Jain</b> Vice-Chancellor, Tezpur University, Napaam, Tezpur, Sonitpur, Assam (India), Pin-784 028.		
6	<b>Prof. Yogesh Singh</b> Vice-Chancellor, Delhi Technological University, Shahabad Daulatpur, Bawana, New Delhi.	7	<b>Dr. V.K. Gupta</b> Senior Vice-President, Reliance Corporate Park, Navi Mumbai, Maharashtra.		
8	<b>Dr. P.K. Khurana</b> Principal, Shaheed Bhagat Singh College, University of Delhi, Delhi.	9	<b>Dr. Payal Mago</b> Principal, Shaheed Rajguru College of Allied Sciences for Women, University of Delhi, Delhi.		
10	<b>Dr. Avdhesh Kumar Pandey</b> Associate Professor (Retd), D.A.V. College, Ambala. (House No. 1518, Urban Estate, Sector-9, Ambala City- 134003) Haryana.	11	<b>Prof. Satish Kumar</b> Professor on Deputation Dean, School of Arts, Humanities and Social Science, Central University of Haryana.		
12	Secretary <b>Sh. Ram Dutt</b> Registrar, Central University of Haryana				

### ACADEMIC COUNCIL

Members of the Academic Council (as on 31<sup>st</sup> March, 2018)

1	Chairperson : <b>Prof. R.C. Kuhad</b> Vice-Chancellor, Central University of Haryana				
2	<b>Dr. M.P. Poonia</b> Vice-Chairman, All India Council for Technical Education (AICTE), National Mandela Marg, Vasant Kunj, New Delhi.	3	<b>Prof. R.P. Tandon</b> , Professor Emeritus, Department of Physics and Astrophysics, University of Delhi, Delhi.		
4	<b>Prof. K.P.S. Mahalwar</b> Chair Professor, National Law University, Dwarka, New Delhi.	5	<b>Prof. R.K. Anayath</b> Vice-Chancellor, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, (Sonepat), Haryana.		
6	<b>Prof. S.V.S. Choudhary</b> Professor, School of Education, Indira Gandhi National Open University, Maidan Garhi, New Delhi.	7	<b>Prof. Vijay Kumar Kayat</b> Vice-Chancellor, Chaudhary Devi Lal University, Sirsa–Haryana.		
8	<b>Prof. M.C. Garg</b> Professor, Haryana School of Business, Guru Jambheshwar University of Science & Technology, Hisar, Haryana.	9	<b>Dr. (Mrs.) Shimla</b> (Former Registrar, YMCA University of Science and Technology, Faridabad) Haryana.		
10	<b>Prof. R.S. Yadav</b> Department of Education, Kurukshetra University, Kurukshetra, Haryana.	11	<b>Prof. P.C. Pattnaik</b> Head, Department of Modern Indian Languages and Literary Studies, University of Delhi, Delhi.		
12	<b>Dr. P.K. Khurana</b> Principal, Shaheed Bhagat Singh College University of Delhi, New Delhi.	13	<b>Dr. Avanijesh Awasthi</b> Associate Professor, P.G.D.A.V. College, University of Delhi, Delhi.		

14	<b>Prof. Satish Kumar</b> Dean, School of Arts, Humanities and Social Science, Central University of Haryana.	15	<b>Dr. Bir Singh</b> Head, Department of English and Foreign Languages, Central University of Haryana.		
16	<b>Dr. Sanjiv Kumar</b> Associate Professor, Department of English and Foreign Languages, Central University of Haryana.	17	<b>Dr. Sarika Sharma,</b> Head, Department of Education, Central University of Haryana.		
18	<b>Dr. Anand Sharma</b> Head, Department of Management Studies, Central University of Haryana.	19	<b>Dr. K.K. Dubey</b> Head, Department of Biotechnology, Central University of Haryana.		
20	<b>Dr. Aditya Saxena</b> Head, Department of Physics, Central University of Haryana.	21	<b>Dr. Pardeep Singh</b> Assistant Professor, Department of Law, Central University of Haryana.		
22	<b>Dr. Suman</b> Assistant Professor, Department of Commerce, Central University of Haryana.	23	<b>Ms. Shalini Verma,</b> Ph.D. Scholar, Microbiology Dept., Central University of Haryana.		
24	<b>Ms. Poonam Yadav,</b> M.Sc., Student, Mathematics Dept., Central University of Haryana.				
25	Secretary <b>Sh. Ram Dutt</b> Registrar, Central University of Haryana				

### FINANCE COMMITTEE

1	Chairperson: <b>Prof. R.C. Kuhad</b> Vice-Chancellor, Central University of Haryana				
2	Joint Secretary and Financial Advisor, MHRD, New Delhi	3	Joint Secretary (CU & L ) of MHRD, New Delhi		
4	Joint Secretary (CU), UGC, or any other Joint Secretary- Level Officer nominated by the Chairman	5	<b>Dr. Abhay Thakur</b> , IRS Additional Commissioner of Income Tax, Varanasi, Uttar Pardesh.		
6	<b>Prof. D.P.S Verma,</b> Former Professor, Department of Commerce, Delhi School of Economics, University of Delhi, Delhi.	7	<b>Dr. Vikas Gupta,</b> Joint Registrar University of Delhi, Delhi.		
8	<b>Dr. B.K. Mohapatra,</b> Director Maulana Azad National Urdu University, Cuttack, Odisha.	9	<b>Dr. Sanjiv Kumar,</b> Finance Officer (Officiating) Central University of Haryana.		

### ACADEMIC PROGRAMMES OFFERED BY THE UNIVERSITY

#### The University is offering the programmes of studies in the following Schools :

- 1. School of Arts, Humanities and Social Sciences
- 2. School of Language, Linguistics, Culture and Heritage
- 3. School of Law, Governance, Public Policy and Management
- 4. School of Chemical Sciences
- 5. School of Computer Science and Informatics
- 6. School of Physical and Mathematical Sciences
- 7. School of Earth, Environment and Space Studies
- 8. School of Journalism, Mass Communication and Media
- 9. School of Inter disciplinary and Applied Life Sciences
- 10. School of Education
- 11. School of Engineering & Technology

As on March 31st, 2018 there are 29 Departments of Study, which are clubbed under 11 Schools of Study. The Ph.D. programmes are offered by the following Departments: Biotechnology, Economics, Education, English and Foreign Languages, Hindi & Indian Languages, Management Studies, Microbiology, Nutrition Biology, Political Science, Statistics, Commerce, Law and Chemistry.

The M.Phil. programmes are offered by the Departments of Economics, Education, English and Foreign Languages, Hindi and Indian Languages and Political Science. Twenty-seven Departments offer Post Graduate (PG) programmes.

The University offers three B.Voc. Programmes under the Deen Dayal Upadhayay Kaushal Kendra. The School of Engineering and Technology offers B.Tech. programmes in four branches of Engineering under four different Departments.

#### **Under-Graduate Programmes**

- 1) Bachelor of Technology (B. Tech.) in Computer Science and Engineering
- 2) Bachelor of Technology (B. Tech.) in Electrical Engineering
- 3) Bachelor of Technology (B. Tech.) in Civil Engineering
- 4) Bachelor of Technology (B. Tech.) in Printing and Packaging Technology
- 5) Bachelor of Education (B. Ed.)
- 6) Bachelor of Vocational Studies (B.Voc.) in Biomedical Sciences
- 7) Bachelor of Vocational Studies (B.Voc.) in Industrial Waste Management
- 8) Bachelor of Vocational Studies (B.Voc.) in Retail and Logistics Management

#### **Post-Graduate Programmes**

- 1) Master of Arts (Economics)
- 2) Master of Arts (Education)
- 3) Master of Education (M. Ed.)
- 4) Master of Arts (English)
- 5) Master of Arts (Hindi)
- 6) Master of Arts (History and Archeology)

- 7) Master of Arts (Political Science)
- 8) Master of Arts (Psychology)
- 9) Master of Arts (Sociology)
- 10) Master of Business Administration (MBA)
- 11) Master of Commerce (M.Com)
- 12) Master of Computer Applications (M.C.A.)(3-Years Duration)
- 13) Master of Arts (Journalism and Mass Communication) (MA-JMC)
- 14) Master of Law (LL.M)
- 15) Master of Library & Information Science
- 16) Master of Science (Environmental Science)
- 17) Master of Science (Geography)
- 18) Master of Science (Chemistry)
- 19) Master of Science (Physics)
- 20) Master of Science (Mathematics)
- 21) Master of Science (Statistics)
- 22) Master of Science (Microbiology)
- 23) Master of Science (Biochemistry)
- 24) Master of Science (Nutrition Biology)
- 25) Master of Science (Biotechnology)
- 26) Master of Hotel Management & Catering Technology

#### **Research Programmes**

### 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**

- 1) Ph.D. (Economics)
- 2) Ph.D. (English)
- 3) Ph.D. (Hindi)
- 4) Ph.D. (Management Studies)
- 5) Ph.D. (Political Science)
- 6) Ph.D. (Microbiology)
- 7) Ph.D. (Nutrition Biology)
- 8) Ph.D. (Biotechnology)
- 9) Ph.D. (Commerce)
- 10) Ph.D. (Law)
- 11) Ph.D. (Statistics)
- 12) Ph.D. (Chemistry)
- 13) Ph.D. (Education)

### LIST OF DEPARTMENTS

Sl.No.	Name of the Department
1.	Department of Biochemistry
2.	Department of Biotechnology & Molecular Biology
3.	Department of Civil Engineering
4.	Department of Chemistry
5.	Department of Commerce
6.	Department of Computer Science Engineering
7.	Department of Computer Science & Information Technology
8.	Department of Economics
9.	Department of Education
10.	Department of Electrical Engineering
11.	Department of English & Foreign Languages
12.	Department of Environmental Studies
13.	Department of Geography
14.	Department of Hindi & Indian Languages
15.	Department of History and Archaeology
16.	Department of Journalism & Mass Communication
17.	Department of Law
18.	Department of Library & Information Science
19.	Department of Management Studies
20.	Department of Mathematics
21.	Department of Microbiology
22.	Department of Nutrition Biology
23.	Department of Physics
24.	Department of Political Science
25.	Department of Printing & Packaging Technology
26.	Department of Psychology
27.	Department of Sociology
28.	Department of Statistics
29.	Department of Tourism & Hotel Management

### FEE STRUCTURE Fee prescribed for the students of Post-Graduate, M.Phil. and Ph.D. programmes of Academic Year 2017-18 Post-Graduation Programmes (Previous Year)

Sl. No.	Account Head	Humanities and Social Sciences	Sciences	Professional Courses
	One-Time Charges (in rupees	)		
1	Security Deposit (Refundable)	1000	2000	2000
	Annual Charges (in rupees)			
2	Admission Fee	500	1500	1500
3	Enrolment Fee	600	600	600
4	Identity Card	100	100	100
5	Red Cross Fund	60	60	60
6	NSS fee	20	20	20
7	Insurance fee	200	200	200
8	Student Welfare Fund	400	400	400
9	Annual Day	100	100	100
10	University Magazine	200	200	200
11	Library Fee	1000	1000	1000
12	Tuition Fee*	1000	1000	1000
13	Electricity/Water charges	300	300	300
14	Cultural activities Fee	150	150	150
15	Computer Lab Fee/ Internet fee	400	400	400
16	Examination Fee	1000	3000	3000
17	University Development Fund	300	300	300
18	Medical Charges	250	250	250
19	Sports Fee	250	250	250
20	Lab Fee/Industrial visit/ field work/Internship	0	3000	3000
21	Student Academic activities	100	100	100
	Total	7930/-	14930/-	14930/-

Sl. No.	Account Head	Humanities and Social Sciences	Sciences	Professional Courses
	Annual Charges (in rupees)			
1	Identity Card	100	100	100
2	Red Cross Fund	60	60	60
3	NSS fee	20	20	20
4	Insurance fee	200	200	200
5	Student Welfare Fund	400	400	400
6	Annual Day	100	100	100
7	University Magazine	200	200	200
8	Library Fee	1000	1000	1000
9	Tuition Fee*	1000	1000	1000
10	Electricity/Water charges	300	300	300
11	Cultural activities Fee	150	150	150
12	Computer Lab Fee/ Internet fee	400	400	400
13	Examination Fee	2000	3000	3000
14	University Development Fund	300	300	300
15	Medical Charges	250	250	250
16	Sports Fee	250	250	250
17	Lab Fee/Industrial visit/ field work/ Internship	0	3000	3000
18	Student Academic activities	100	100	100
	Total	6830/-	10830/-	10830/-

### **Post-Graduation Programmes (Subsequent/Final Year)**

### **M.Phil. Programmes**

Sl. No.	Account Head	Art	Sciences	Professional Courses
	One-Time Charges (in rupees)	)		
1	Security Deposit (Refundable)	1000	1000	1000
2	Admission Fee	1000	1000	1000
3	Enrolment Fee	600	600	600
4	Library Fee	2000	2000	2000
5	Tuition Fee*	2000	2000	2000
6	Cultural activities Fee	200	200	200
7	Computer Lab Fee/ Internet fee	1000	1000	1000
8	University Development Fund	500	500	500
9	Medical Charges	500	500	500
10	Sports Fee	200	200	200
11	Lab Fee/Industrial visit/field work/Internship	0	3000	3000
12	Student Academic activities	200	200	200
	Annual Charges (in rupees)			
13	Identity Card	100	100	100
14	Red Cross Fund	60	60	60
15	NSS fee	20	20	20
16	Insurance fee	200	200	200
17	Student Welfare Fund	400	400	400
18	Annual Day	100	100	100
19	University Magazine	200	200	200
20	Electricity/Water charges	300	300	300
21	Examination Fee	2000 each chance	2000 each chance	2000 each chance
	Total	12580/-	15580/-	15580/-

### Ph.D. Programmes

SI. No.	Account Head	Art	Sciences	Professional Courses
	One-Time Charges (in rupees)			
1	Security Deposit (Refundable)	2000	2000	2000
2	Admission Fee	2500	2500	2500
3	Enrolment Fee	1000	1000	1000
4	Registration Fee	2000	2000	2000
	Annual Charges (in rupees)			
5	Library Fee	2000	2000	2000
6	Cultural activities Fee	200	200	200
7	Computer Lab Fee/ Internet fee	3000	3000	3000
8	University Development Fund	2100	2100	2100
9	Lab Fee/Industrial visit/ field work/Internship	0	2000	2000
10	Tuition Fee*	1000	1000	1000
11	Medical Charges	500	500	500
12	Sports Fee	200	200	200
13	Student Academic activities (Seminar, Symposium, etc.)	200	200	200
14	Identity Card	100	100	100
15	Red Cross Fund	60	60	60
16	Insurance fee	200	200	200
17	Student Welfare Fund	500	500	500
18	Annual Day	100	100	100
19	University Magazine	300	300	300
20	Electricity/Water charges	600	600	600
21	Examination Fee	2000 each Chance	2000 each Chance	2000 each Chance
	Total	20560/-	22560/-	22560/-

\*Tuition fee shall not be charged from SC/ST Students

### Fee Structure of B.Voc. Programmes under Deen Dayal Upadhyay Kaushal Kendra

Sl. No.	Account Head	Amount (in rupees)			
I	One-Time Charges				
1	Security Deposit (Refundable)	2000			
I	Semester Charges (in rupees)				
2	Admission Fee	250			
3	Enrolment Fee	50			
4	Identity Card	100			
5	Red Cross Fund	60			
6	NSS fee	2020			
7	Insurance fee	200			
8	Student Welfare Fund	440			
9	Annual Day	100			
10	University Magazine	200			
11	Library Fee	100			
12	Tuition Fee*	1130			
13	Electricity/Water charges	300			
14	Cultural activities Fee	150			
15	Computer Lab Fee/ Internet fee	400			
16	Examination Fee	500			
17	University Development Fund	100			
18	Medical Charges	250			
19	Sports Fee	250			
20	Lab Fee/Industrial visit/ field work/Internship	300			
21	Student Academic activities	100			
	Total	7000/-			

### Annual Fee prescribed for the students of B.Tech. Programmes under School of Engineering and Technology

Sl. No.	Account Head	Amount (in Rs.)			
ı	One-Time Charges				
1	Security Deposit (Refundable)	5000			
	Annual Charges	<b>-</b>			
2	Admission Fee	3000			
3	Enrolment Fee	600			
4	Identity Card	100			
5	Red Cross Fund	60			
6	NSS fee	20			
7	Insurance fee	200			
8	Student Welfare Fund	400			
9	Annual Day	100			
10	University Magazine	200			
11	Library Fee	1000			
12	Tuition Fee*	36000			
13	Electricity/Water charges	300			
14	Cultural activities Fee	150			
15	Computer Lab Fee/ Internet fee	400			
16	Examination Fee	6000			
17	University Development Fund	6000			
18	Medical Charges	250			
19	Sports Fee	250			
20	Lab Fee/Industrial visit/field work/Internship	5000			
21	Student Academic activities	100			
	Total	65130			

### Fee prescribed for B.Ed. and M.Ed. programs of the School of Education for Academic Year 2017-18 B.Ed. and M.Ed. Fee (Previous Year)

Sl. No.	Account Head		B.Ed.	M.Ed.
	One-T	ime Charges (in rupees)	·	
1	Security Deposit (Refundable)		3000	3000
	Annu	al Charges (in rupees)	·	
2	Admission Fee		2000	3000
3	Enrolment Fee		600	600
4	Identity Card		100	100
5	Red Cross Fund		60	60
6	NSS fee		20	20
7	Insurance fee		200	200
8	Student Welfare Fund		400	400
9	Annual Day	100	100	
10	University Magazine		200	200
11	Library Fee	Central Library	2000	3000
		Departmental Library	2000	3000
12	Tuition Fee*		5000	5000
13	Electricity/Water charges		300	300
14	Cultural activities Fee		150	150
15	Computer Lab Fee/ Internet fee		1000	2000
16	Examination Fee		3000	3000
17	University Development Fund		300	300
18	Medical Charges		250	250
19	Sports Fee		250	250
20	Lab Fee/Industrial visit/ field work/Internship		2000	3000
21	Student Academic activities		100	100
	Total		23030/-	28030/-

### Note:

B.Ed. course: In addition to the Fee prescribed above a fee of Rs 5000/-shall be charged as course Fee.

M.Ed. course: In addition to the Fee prescribed above a fee of Rs 5000/-shall be charged as course Fee.

### B.Ed. & M.Ed. Programmes Fee (Subsequent /Final Year)

Sl. No.	Account Head		B.Ed.	M.Ed.
	Annı	al Charges (in rupees)	ŀ	
1	Identity Card		100	100
2	Red Cross Fund		60	60
3	NSS fee		20	20
4	Insurance fee		200	200
5	Student Welfare Fund		400	400
6	Annual Day		100	100
7	University Magazine		200	200
8	Library Fee	Central Library	2000	3000
		Departmental Library	2000	3000
9	Tuition Fee*		5000	5000
10	Electricity/Water charges		300	300
11	Cultural activities Fee		150	150
12	Computer Lab Fee/ Internet fee		1000	2000
13	Examination Fee		3000	5000
14	University Development Fund		300	300
15	Medical Charges		250	250
16	Sports Fee		250	250
17	Lab Fee/Industrial visit/field work/Internship		5000	5000
18	Student Academic activities		100	100
	Total		20430/-	25430/-

### Note:

B.Ed. course: In addition to the Fee prescribed above a fee of Rs 5000/-shall be charged as course Fee.M.Ed. course: In addition to the Fee prescribed above a fee of Rs 5000/-shall be charged as course Fee.\*Tuition fee shall not be charged from SC/ST Students

### **Miscellaneous Charges**

Sl. No.	Particulars	Fee Amount (Rs.)
1	Duplicate Identity Card	100
2	Migration Certificate	400
3	Provisional Result	250
4	Provisional Degree	300
5	Re-admission Fee	750
6	Duplicate Detailed Marks Certificate (DMC/Mark sheet)	100
7	Revaluation Fee	1000 (Per Paper)
8	Re-appear/Improvement Fee	600 (Per Paper)
9	Duplicate Degree	500

### Hostel Fee Monthly Charges

Sl. No.	Description	Amount (Rs.)
i)	Admission Fee	500
ii)	Hostel Association Fee	500
iii)	Hostel Identity Card	50
iv)	Kitchen Ware Charges	250
v)	Recreation Centre Charges	300
vi)	Establishment Charges	1000
vii)	Hostel Development Fund	1000
viii)	Caution Money (Refundable)	2000
	Total	5600

### **Breakup of Room Charges**

Sl. No.	Description	Amount (Rs.)
i)	RoomRent	150
ii)	Upkeep and Maintenance Charges	150
iii)	Recreation Centre	50
iv)	Electricity Charges	100
v)	Water Charges	50
	Total	500

### **Research Projects Undertaken by the Faculty**

Sl. No.	Name of the Principal Investigator and Co-Investigator	Title of the Project	Year of Award	Funding Agency	Project Grant	Project Status
1.	Dr. Kashyap Kumar Dubey, Biotechnology	Targeting the Elimination of Antineoplastic Compounds in Hospital Wastewaters: Novel Frontiers in Sustainable Treatment	2015	Department of Biotechnology (DBT)	Rs. 59.9 lakhs	On going
2.	Dr. Kashyap Kumar Dubey, Biotechnology	Site Directed Mutagenesis of UbiA for Enhancement of CoQ10 Yield	2016	Department of Biotechnology (DBT)	Rs. 29.01 lakhs	On going
3.	Dr. Kashyap Kumar Dubey, Biotechnology	Birect DBT Lipstatin	2018	DBT	Rs. 46 lakhs	On going
4.	Dr. Tejpal Dhewa	Ending Micronutrient Malnutrition through value added traditional rural fermented dairy foods of Haryana & Rajasthan	2016	DST-SERB	Received grant in march, 2018 (42 lakhs)	On going
5.	Dr. Gulab Yadav, Young Scientist, Biotechnology	Detection and Extraction of Aflatoxin M1 and OchratoxinA with the Help of Molecular Imprinted Polymer	2016	SERB-DST	Rs. 35.11 lakhs	On going
6.	Dr. Avijit Pramanik, Microbiology	Identification and Cloning of Siderophore Biosynthetic Gene Cluster from <i>Vibrio</i> <i>Alginolyticus</i> and Heterologous Expression of Siderophore in <i>E. coli</i> for Further Characterization and Utilization	2017	SERB, Department of Science and Technology (DST) (Sanctioned)	Rs. 45.43 lakh	On going
7.	Dr. Puja Yadav, Microbiology	Identification and Functional Characterization of G4 DNA in <i>Helicobacter</i> <i>pylori:</i> A Novel Therapeutic Target	2017	SERB, Department of Science and Technology (DST) (Sanctioned)	Rs. 40 lakhs	On going
8.	Dr. Jitendra Kumar Saini, Microbiology	Improving Thermal and Inhibitor Stress Tolerance in Yeast for Cost-effective Second Generation Bioethanol Production: An Adaptive Evolution Based Approach	2017	SERB, Department of Science and Technology (DST) (Sanctioned)	Rs. 50.6 lakhs	On going

9.	Dr. Rishikesh Shukla, DS Kothari PD Fellow, Microbiology	Cost Effective Strategy for the Production of Erythritol using Crops By-products	2016	University Grant Commission (UGC)	Rs. 20 lakhs	On going
10.	Dr. Arvind Singh Tejawat, Hindi	The Study of Language Change and Development at the Backdrop of Cultural, Social, Political and Economic Change in the Context of Southern and Western Rajasthani Society Based on Written and Oral Tradition	2016	Indian council of social science research	Rs. 9 lakhs	On going
11.	Dr. Dinesh Chahal & Dr. Renu Yadav, Education	Evaluation of YRC Activities in Haryana	2016	IRCS, HARYANA	Rs. 1 lakh	On going
12.	Dr. Renu Yadav & Dr. Dinesh Chahal, Education	Hygiene and Sanitation Practices among Adolescent Girls: Study of School	2016	IRCS, HARYANA	Rs. 1 lakh	On going
13.	Dr. Ajai Pal Sharma, Management Studies	Impact of PRIs in Rural Transformation: A Study of Selected Districts of Haryana	2016	ICSSR, New Delhi	Rs. 9 lakhs	On going
14.	Dr. Ajai Pal Sharma, PI Dr. Ajay Kumar, Co-PI	Impact of MGNREGA in Inclusive Growth of Rural Women with Specific Reference to Mahendergarh District of Haryana	2017	NIRD, Hyderabad (National Institute of Rural Development and Panchayati Raj)	Project approved but grant approval awaited	On going
15.	Dr. Vikas Yadav, Biochemistry	Role of Nuclear Receptor Coactivator PGC1ß in Diabetes Mediated Endothelial Cell Dysfunction and Angiogenesis	2016	DBT, Govt of India (Ramalingaswa mi Fellowship Scheme)	Rs. 88.5 lakhs	On going
16.	Dr. Anil Gaur, Statistics	Nonparametric Tests for Homogeneity of Location Parameters Against Simple Ordered and Umbrella Alternatives	2017	UGC (Sanctioned)	Rs. 10 lakhs	Approved
17.	Dr. Tejpal Dhewa, PI Dr. Ashwani Kumar, Co-PI, Nutrition Biology	Ending Micronutrient Malnutrition through Value Added Traditional Rural Fermented Dairy Foods of Haryana and Rajasthan	2017	SERB, Department of Science and Technology	Rs. 58 lakhs	Approved

### <u>Central University of Haryana</u>

18.	Dr. Vinod Yadav, Microbiology	Transcriptional regulation of ICAM-1 gene expression in human monocytes and macrophage cells	2017	SERB, Department of Science and Technology (DST) (Approved)	Rs. 48 lakhs	Approved
19.	Dr. Avijit Pramanik, Microbiology	Isolation and characterization of bacterial strains inhibiting phytopathogenic fungi <i>Bipolarisoryzae</i> and <i>Bipolarissorokiniana</i> for development as biocontrol agent	2017	UGC, ( Sanctioned)	Rs. 10 lakhs	Approved
20.	Dr. Manoj K. Gupta	Towards the total synthesis of bioactive natural products: New drug discovery and development	2017	UGC	Rs. 10 lakh	Approved
21.	Dr. Prakash Kanoo	MoS₂/S₄ Integrated Porous Surfaces for Catalytic Hydrogen Generation via Water Splitting	2017	SERB, Dept. of Science, and Technology (DST), New Delhi, India. (Approved)	Rs. 44 lakh	Approved
22.	Dr. Savita Budhwar, Nutrition Biology	Evaluation, Utilization and Disseminations of value added products from by- products of Bengal gram (Cicer arietinum) for food security	2017	SERB, Department of Science and Technology (DST)	Rs. 45 lakhs	Approved
23.	Dr. Ranjan Aneja, PI Dr. Rajeev Kumar Singh, Co-PI	Impact Assessment of MGNREGA on Dalits: A Study of Mahendergarh and Sirsa Districts of Haryana	2017	NIRD & PR, Hyderabad	-	Approved
24.	Dr. Kavita Yadav (Inspire Faculty, Department of Physics	Innovation in Science Persuit for Inspired Research (INSPIRE)	2017	MHRD (DST)	Rs. 19 lakhs	On going
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### **Special Grant for Academic Purpose**

Sl. No.	Project/Scheme	Year	Funding Agency	Project Grant	Project Status
1.	Pandit Madan Mohan Malviya National Mission for Teachers and Teaching (PMMMNMTT)		MHRD	Rs. 13.24 Crore	On going

### Major Academic and Research Contribution of the Vice- Chancellor, Prof. R. C. Kuhad

### Awards and Honors:

### a) Fellow of Academic Bodies:

- Fellow of Biotech Research Society of India (FBRS).
- Fellow of National Academy of Agricultural Sciences (FNAAS).
- Fellow of National Academy of Sciences (FNAS).

### Intellectual Property, Technological Innovations and New Products:

#### A. Patents Granted:

1. Title: Method of producing alkalothermostable xylanase from Bacillus pumilus MK001 by solid state fermentation

Inventors:R. C. Kuhad & Mukesh KapoorFile No:IN 984 DEL 2008

#### **B.** Patents Filed:

nes and
1

### C. Processes and Products developed:

### (i) PROCESSES:

- (a) In-vivo enzymatic digestion of the substrate/raw material resulting in enhanced production of enzyme(s): The concept or process for concomitant production of biochemically and physiologically different enzymes such as xylanase and laccase using the same substrate was developed. The in vivo enzymatic digestion (IVED) of substrate (wheat bran) facilitated hyper laccase production from a white rot fungus Ganoderma sp., when grown on IVED treated wheat brand under submerged and solid state fermentation conditions.
- (b) Genetic transformation of lignin degrading fungi using *Agrobacterium tumefaciens* withouth external addition of acetosyringone: The concept/strategy using both Cauliflower Mosaic Virus (CaMV)35S and GPD promoter demonstrated comparable efficacy in the expression of hpt and uid genes in white-rot fungi, respectively. Agrobacterium mediated transformation was achieved without external addition of acetosyringone, as white-rot fungi grown on lignin related compounds and acetosyringone was identified as one of the lignin degraded product in the culture medium. Moreover co-cultivation of the fungus and bacterium at low temperature could significantly increase the transformation efficiency.
- (c) Isolation of high quality soil DNA with the application of lignin degrading enzymes: New concept using ligninolytic enzymes for extraction of pure, high molecular weight tipitesnt DNA from soils, lead to development of a new improved and cost effective protocol to isolate tipitesnt DNA more amenable for molecular manipulations.
- (d) Concentration of sugars in acid hydrolysates: Based on concept of increasing sugars concentration in the acid

#### Central University of Haryana

hydrolysates of plant materials for improving ethanol fermentation, a process design has been developed to enhance the fermentable sugars concentration in the acid hydrolysate by looping the steps of acid hydrolysis. Moreover, the process developed saves  $\sim$ 30-40% acid and 60-70% water required for the conversion of the lignocellulose biomass to fermentable sugars.

#### (ii) **PRODUCTS**

Enzymes-Cellulase, Xylanase, Laccase & Pectinase

**Biofuel-Bioethanol** 

Animal feed-Fermented feed (Biotech Feed)

Pharmaceuticals-Quinoxalines, Benzopyranocoumarins, 5-Deaza-10-oxaflavin

#### (a) Methods developed/modified :

- In situ method for xylanase/laccase
- DNA isolation method

#### (b) Novel bacterial species identified:

• Two novel bacterial species belonging to genus Bacillus have been identified and named as *Bacillus paraflexussp*. Nov. and *Bacillus pseudoflexussp*. Nov.

#### Research Articles (2017-18)

- Sharma A., Jain K.K., Jain A., Kidwai M., Kuhad R.C. (2018). Bifunctional in-vivo role of laccase exploited in multiple biotechnological applications. *Applied Microbiology and Biotechnology* (Manuscript accepted).
- Jain, K.K., Kumar, S., Bhardwaj, K.N., Kuhad, R.C. (2018). Functional Expression of a Thermostable Endoglucanase from *Thermoascusaurantiacus* RCKK in *Pichia pastoris* X-33 and Its Characterization. *Molecular Biotechnology*. 60:736-748.
- Hemansi, Gupta R., Kuhad R.C., Saini J.K (2018). Cost effective production of complete cellulase system by newly isolated *Aspergillus niger* RCKH-3 for efficient enzymatic saccharification: Medium engineering by overall evaluation criteria approach (OEC). *Biochemical Engineering Journal*. 15:182-190.
- Gupta R., Hemansi, Gautam S., Shukla R., Kuhad R.C. (2017). Study of charcoal detoxification of acid hydrolysate from corncob and its fermentation to xylitol. *Journal of Environmental Chemical Engineering*. 5:4573-4582.
- Malhotra S., Singh S., Rana N., Malhotra S., Singh S., Rana N., Tomar S., Bhatnagar P., Gupta M., Singh S.K., Singh B.K., Chhillar A.K., Prasad A.K., Len C., Kumar P., Gupta K.C., Varma A.J., Kuhad R.C., Sharma G.L., Parmar V.S., Richards N.G.J. (2017). Chemoenzymatic synthesis, nanotization, and anti-Aspergillus activity of optically enriched fluconazole analogues. *Antimicrobial Agents and Chemotherapy*. 10.1128/AAC.00273-17
- Pal S., Joy S., Kumbhar P., Trimukhe K.D., Gupta, R., Kuhad, R.C., Varma A.J., Padmanabhan S. (2017) Pilotscale pretreatments of sugarcane bagasse with steam explosion and mineral acid, organic acid, and mixed acids: synergies, enzymatic hydrolysis efficiencies, and structure-morphology correlations. *Biomass Conversion and Biorefinery*. 7:179-189.
- Tiwari G., Sharma A., Dalela M., Gupta R., Sharma S., Kuhad R.C. (2017). Microwave assisted alkali pretreatment of fruit peel wastes for enzymatic hydrolysis. *Indian Journal of Agricultural Sciences*. 87:496-499.
- Jain, K.K., Kumar, S., Deswal, D., Kuhad, R.C. (2017). Improved production of thermostable cellulase from *Thermoascusaurantiacus* RCKK by fermentation bioprocessing and its application in the hydrolysis of waste paper, algal pulp, and biologically treated wheat straw. *Applied Biochemistry and Biotechnology*. 181:784-800.

Prof. R.C. Kuhad

# Departments of the University

### School of Arts, Humanities & Social Sciences

### **Department of Economics**

### 1. Students Enrollment :

Sl. No.	Name of the Programme	Intake Capacity	No. of Students
1.	M.A.	40	28
2.	M.Phil.	2	2
3.	Ph.D.	4	3

### 1. Faculty Profile :

Sl. No.	Name of the Faculty	Designation	Qualification	Teaching Exp. (in years)	
1.	Dr. Ranjan Aneja	Assistant Professor	M.A, M.Phil., NET, Ph.D.	11	Economic Modelling and Policy Analysis
2.	Ms. Rashmi Tanwar	Assistant Professor	M.A., NET	4	Development and planning, Rural and Agriculture Development
3.	Ms. Renu	Assistant Professor	M.A., M.Phil., NET	6	Agricultural Economics, Rural Development, Indian Economy
4.	Dr. Ajeet Kumar Sahoo	Assistant Professor	M.A., NET, Ph.D.		Macro Economics, Research Methodology

### 1. Research Publications :

### Dr. Ranjan Aneja

- Does Fiscal Deficit affect Current Account Deficit in India? An Econometric Analysis, 2017, 9(3), 1-20, Review of Market Integration, SAGE Publications.
- Renewable and Non-renewable Energy Consumption and Economic Growth: Empirical Evidence from Panel Error Correction Model 2017, 6(I), 1-10, *Jindal Journal of Business Research, SAGE Publications*.
- A Study of Carbon Emissions, Energy Consumption and Economic Growth: the BRICS Experiences, 2017, 26 (1&2) 112-120, *Political Economy Journal of India*, A Journal of Centre for Indian Development Studies, Chandigarh
- Relationship between stock prices and financial crises: A case study of Indian commercial banks, 2017, 8(3), Asian Journal of Management.

### 4. Paper Presentation in National & International Seminars/Conferences:

### Dr. Ranjan Aneja

- Paper entitled "Irony of female literacy: A District-wise study of Haryana" in National Seminar Inclusive Education: Past, Present and Future organized by Department of Education, CUH, on 28, February, 2017.
- Paper entitled "Financial Literacy: 03 Dimensional Study" in International Conference on Startup India Recipe for Inclusive Entrepreneurship and Innovation: Issues and Challenges organized by MDU, Rohtak, during 2-3, March, 2017.

### Ms. Renu

- Attended the National Seminar on "Challenges of Growing Inequalities in India" at India International Centre from 14-15 July 2017, organized by Council for Social Development.
- Presented a research paper entitled as "Nature and Trend of Women's Work Participation in Indian Agriculture" in the National Conference on the Post Colonialism: Indian Response and Transformation, organized by Amity University on 22<sup>nd</sup> August 2017. The abstract of the paper has published in conference proceeding.
- Chaired a technical session on the theme based on Economics in the National Conference on the "Post Colonialism: Indian Response and Transformation", organized by Amity University on 22<sup>nd</sup> August 2017.
- Participated as a part of interactive audience on NDTV debate entitled as "Marital Rape: 'Culture' Over Consent?" on 3<sup>rd</sup> September 2017.
- Completed a off campus outreach certificate programme on "Remote Sensing and Digital Image Analysis" conducted by R.P.S. Degree College, Balana, Mahendergarh, Haryana from 21<sup>st</sup> August 2017 to 15<sup>th</sup> September 2017.
- Attended two days National Workshop on GST, organized by Kirori Mal College, University of Delhi on 27-28<sup>th</sup> October 2017.
- Attended two days National Conference on "Climate Change and Sustainable Clean Environment" on 22-23<sup>rd</sup> November 2017, organized by Department of Geography and Department of Environmental Sciences, Central University of Haryana. Also presented a paper in the conference "How Geography Matters for Economic Development".
- Participated in Faculty Development Programme on "Actuarial Statistics" held on 27-28<sup>th</sup> December 2017, organized by Department of Statistics, University of Delhi.
- Participated in two day workshop on "Administrative and Ministerial Staff" held on 13-14 February 2018, organized by the Central University of Haryana under the MHRD scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching in collaboration with cell for Faculty Induction Development.
- Presented a paper entitled as "Need and Challenges of Cooperatives among Female Agricultural Labour Force in India", in the International Conference "Sustainable Development through Cooperatives on 26-27 March 2018, organized by Department of Management Studies, Central University of Haryana.

Sl. No.	Name of the Principal Investigator and Co-Investigator	Title of the Project	Year of Award	Nature of Project (Sponsored / Consultancy)	Funding Agency		Duration of Project	Status of the Project (Complete / Ongoing )
1.	Dr. Ranjan Aneja	A Study of Regional Divergence in Growth of Haryana: A District Level Analysis	2015	Sponsore d	ICSSR	5.5 Lakh	2 Years	Completed
2.	Dr. Ranjan Aneja and Dr.Ajeet Sahoo	Efficacy of Pardan mantra Mudra Yojana in achieving economic success: A ground reality test in Haryana	2017	Sponsore d	ICSSR	8 + 7.5 % overhead Lakh	2 Years	On going

### 5. Research Projects :

#### 6. Students' Achievements:

- NET/JRF Qualified: 8
- M.Phil/Ph.D Awarded:

M.Phil: 10

Ph.D: 3 (submitted)

### **Placements Selected for Higher Studies:** 8

### **Other Achievements:**

• The students of the department participated in various activities of the University such as NSS, YRC, Independence and Republic day celebration, blood donation camp etc.

### 7. Major Events, Activities or Extra Curricular Activities :

- The Department organized the various expert lectures on various contemporary issues in Economics.
- The Department has organized Banking Awareness Test in collaboration with Punjab National Bank on 03.11.2017.
- A comprehensive workshop was organized to revise the syllabus of M.Phil. /Ph.D. course work along with Department of Commerce and Department of Management Studies.
- 03 faculty members of the department successfully completed the Orientation programme as mandatory by UGC.
- Dr. Ranjan Aneja, Assistant Professor of the department successfully submitted the report of major research project entitled "A Study of Regional Divergence in Growth of Haryana: A District Level Analysis" to ICSSR, New Delhi. (Amount: Rs. 5.5 Lakh)
- Dr. Ajeet Kr. Sahoo and Dr. Ranjan Aneja has received a research project entitled "Efficacy of Pardan Mantra Mudra Yojana in achieving economic success: A ground reality test in Haryana" from ICSSR, New Delhi.
- A proposal to organize the two weeks Capacity Building Programme on Methodological Tools and their Applications in Social Sciences has been submitted to ICSSR, New Delhi for financial support.
- 10 students have submitted M.Phil Dissertations and 04 out of 10 have already being awarded the degree. One Ph.D thesis is also submitted during said period.
- The Department successfully conducting the special classes for UGC-NET/JRF and remedial classes in the Department.

### **Department of Education**

### 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.A.	15	5
2.	M.Phil.	4	3
3.	Ph.D.	2	2

### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Prof. Sarika Sharma	Professor	Ph.D.	18	Inclusive Education, Educational Administration, Management, Supervision & Finance (HRM ), women empowerment,
2.	Dr. Renu Yadav	Assistant Professor	M.Ed. M.Phil., NET, Ph.D (Education)	9	Gender Concern in Education, Leadership, Educational Psychology
3.	Dr. Dinesh	Assistant Professor	NET, Ph.D., M.Ed.	12	Teacher Education, School Education, policy and planing
4.	Dr. Aarti Yadav	Assistant Professor	M.Phil, NET, Ph.D (Education)	9	Educational Psychology, Pedagogy Education, Educational Leadership

### 3. Research Publications :

### Articles & Research Papers:

### Prof. Sarika Sharma

- Social Freedom of Women Teacher Educators and its Ramification on Teaching, ISSN No.P: 2394-0344, Remarking an Analisation, VOL-2, ISSUE-3. June-2017.
- The Effect of Using Internet on Study Habits of Senior Secondary Students. ISSN: 23205407, Int. J. Adv. Res. 5(6), 2042-2045.
- Effect of Social Networking Addiction and Academic Self Concept in Adolescents on their Academic Achievement, P: ISSN No. 0976-8602, Asian Resonance, VOL.-6, ISSUE-2, April, 2017.
- Role of Computer Assisted Instruction (CAI) In Teaching To Children With Special Needs: Review, Volume 6, Issue III, June 2017, ISSN: 2277-1255 Bhartiyam International Journal of Education & Research: A quarterly peer reviewed International Journal of Research & Education.
- Effect of Spiritual Attitude of Parents of Mentally Challenged Children, P: ISSN No. 22310045 RNI No. UPBIL/2012/55438 VOL. -5, ISSUE-4, May 2017 E: ISSN No. 2349-9435 Periodic Research.
- Social Networking Addiction and Academic Self Concept, P: ISSN NO.: 2394-0344 E: ISSN NO.: 2455-0817 RNI No.UPBIL/2016/67980 VOL-2, ISSUE-1, April 2017, Remarking An Analisation.
- Impact of Learning Style on Academic Achievement An Exploration in Context of Secondary School Students in Edu Track, August 2017, ISSN 0972 9844.

#### Central University of Haryana

- Accessible technological devices for people with disabilities: Divyangjan, , Indian Association of Health, Research and Welfare ISSN-p-2229-5356,e-2321-3698 UGC Approved and have NAAS Ratings.
- Vocational Training on Behavioural Skills in Mild Intellectually Disabled Person: An Empirical Study, ISSN: 2456–5474, Vol-2, Issue-6, July 2017, Innovation the Research Concept.

### Dr. Renu Yadav

- School Leadership, Qualitative Mapping of Fiedler Model (First author) International Journal on Leadership April, 2018 ISSN 23211865.
- Strengthening Alliance for Psychological Well-being of Students 320-323 IAHRW, Indian Journal of Social Science Reviews, NAAS rating 3.17-2018, 6 (3) ISSN 22473797.
- Exploration of dimensions of job performance of women teachers in higher education 284-287 (First author) IAHRW, Indian Journal of Social Science Reviews, NAAS rating 3.17-2018, 6 (3) ISSN 22473797.
- Effect of Socio-Demographic Variables on Values of High School Students pp. 639-703 Educational Quest: An Int. J. of Education and Applied Social Science: Vol. 8, No. 3, Dec. 2017, ISSN 09767258.
- Awareness for Domestic Violence: Exploring Educational Dimension Impact factor-4.335, Index Copernicus Value : 60.59 International Journal of Interdisciplinary and Multidisciplinary Studies (IJIMS), 4 (3) 2017 ISSN (Print): 2519 7908 ; ISSN (Electronic): 2348 0343.
- Building Discourse on Sexual Harassment: Exploration of Socio-Cultural Dimensions, Pg.480-492 Indian Journal of Health and Wellbeing 2, 2017 2229-5356.
- Value Education: Imperative for Change among Youth (First author), Pg. 8-13, International Journal of Education for Human Services, 7 (2), 2017 0976-1128.
- Developing Relationship Skills among Students: Role of Story Telling (Co-authored), pg. 1-5, Educational Quest: An Int. J. of Education and Applied Social Science 8 (2), 2017 0976-7258
- Effect of Social Campaigns on Female Foeticide, Impact Factor 5.818, Index Copernicus Value 5.16 & International Scientific Indexing Value: 2.286. International Journal of Multidisciplinary Educational Research, (Peer Reviewed, International Journal) JISRAF Volume: 6, Issue: 7, July 2017, ISSN: 2277-7881
- Book Review of "I am Malala, The Girl Who Stood Up for Education and Was Shot by the Taliban" International Journal MOJ Women's Health Medcraveonline.com, Mojwh, Mojwh 06 00149 (Peer Reviewed), Oct. 2017, ISSN 2475-5494.

### Dr. Dinesh

- Effect of Mid-day Meal scheme on total academic achievement of students at elementary level in district Srinagar, Emerging trends in Social Sciences, ISSN March, 2018, 2277-8624.
- Effect of Mid-day Meal scheme on total enrollment and retention of students at elementary level in district Srinagar, Sanskruti International Multidisciplinary Research Journal, March, 2018, 2455-1511.
- Understanding Attitude of Scheduled Castes and Scheduled Tribes Parents towards the Rights Related to Health and Care of the Children, Educational Quest: An Int. J. of Education and Applied Social Science: Vol. 8, No. 3, pp. 1-5, August, 2017, 0976-7258.
- Educational Rights of Children: Issues, Challenges and Solution: Journey of Independent India, Educational Quest: An Int. J. of Education and Applied Social Science: Vol. 8, No. 2, pp. 1-6, June 2017, 0976-7258.
- Effect of mid- day meal scheme on enrollment and retention of boys and girls at elementary level in district Srinagar, Scholarly Research Journal for Interdisciplinary Studies, Jan.-Feb. 2018, VOL- 5/43 2278-8808.

#### Dr. Aarti Yadav

- Changing Perceptions of Parents Regarding Girls' Higher Education. University News ISSN-0566-2257, 2017.
- Constructivism: A Paradigm for Teaching and Learning Arts and Social Science Journal ISSN:2151-6200, V ol.7(4), 2016.
# 4. Standardized Tests & Books:

# Prof. Sarika Sharma

- Verbal Intelligence test Published by Prasad Psycho Coorporation, New Delhi.
- Intellectual Disability Scale by Prasad Psycho Co coorporation, New Delhi.
- Book on Introduction to Special Education.

# 5. Paper Presentation in National & International Seminars /Conferences:

# Dr. Renu Yadav

- "Challenges and Issues in Higher Education research" in National Seminar on Learning Innovation and Quality Education in 21st Century, Nathulal Das PTTI, and D.N.C. College, Aurangabad, West Bengal, Sept. 10, 2017
- "RTE Way the inclusion of Excluded" in National Seminar "Inclusive and Qualitative Expansion of Higher Education in Haryana", School of Education and Dept. of Education, Central University of Haryana, Oct. 15-16, 2017.
- "Developing Potential to excellence: Inclusion of gender" in National Seminar "Inclusive and Qualitative Expansion of Higher Education in Haryana", School of Education and Dept. of Education, Central University of Haryana, Oct. 15-16, 2017.
- Developing Socio-Emotional Skills through Innovative Pedagogies in International Conference on Aligning Education Systems to the Challenges of the future, Shyama Prasad Mukherji College, Delhi University, Nov. 8-10, 2017.
- Moral Judgment: Exploring Intrinsic Dimensions of Emotions and Language in National Conference on Language Education at the Age of Globalisation, Regional Institute of Education, Ajmer, Dec. 20-22, 2017.
- Domestic Violence and Mental Health of Women: An Exploratory Study, International Seminar on "Women and Law"- 2018, IJLRG, Law Mantra in Collaboration with Student Division, International Council of Jurists, London., Jan. 13, 2018.
- Teachers in the Technological Revolution: Exploration of Higher Education, International Conference A Virtual Higher Education Campus in a Global World? The Role of the Academic Campus in an Era of Technological Progress, Dept. Of Education and Assessment, Ariel University, Israel, February 25-28, 2018.
- Addressing Diverse Learners: Role of Teachers in 2<sup>nd</sup> International Conference on Education for Slow Learners, Dept. of Education, Annamalai University, Tamil Nadu, March 24-25, 2018.

# 6. Extension Lectures Delivered :

# Prof. Sarika Sharma

- 25th & 26th April,2016 Regional Conference of Vice Chancellors & other Academic Administrators of Central Universities Organized by MHRD & UGC at Chandigarh.
- National Seminar on Governance, Regulation and Quality Assurance in Teacher Education, March 15-16, 2018 organized by NIEPA, Delhi.
- Workshop on Teaching, Learning and Evaluation Online with Moodle MOOC Platform & Open Resources, National University of Educational Planning and Administration (NUEPA), Delhi, 7<sup>th</sup> to 9<sup>th</sup> August, 2017.
- SOZ award for education 2017 is awarded by the society of zest award for education 2017 for the valuable contribution in the field of education.
- Psychological well-being indicator of motivation, teachers need to enhance in teaching in One Day National Seminar on healthy life style & psychology organized by department of Psychology Govt. College for Women, Sirsa in collaboration with Haryana psychological association on February 10,2018.
- Participation in two day workshop for Administrative & Ministerial staff organized by School of Education ,Central University of Haryana under the aegis of MHRD scheme of "Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching " (PMMMNMTT) in collaboration with the cell for Faculty Induction development from 13-14 February,2018.

- Delivered a keynote speech in Principals Meet for deliberation on Bridging the Gaps between Higher Education and School Education organized by School of Education, Central University of Haryana under the aegis of MHRD scheme of 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) on 15 February, 2018.
- Resource Person in two days National Seminar on "Issues and Challenges to Indian Nationalism" organized by Department of Political Science, Central University of Haryana & Presented Paper entitled "Ethnography research" Sponsored by ICSSR.
- Resource Person in Faculty Induction Training Programme (14 June to 14 July 2018) Central University of Haryana under the aegis of MHRD scheme of "Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching" (PMMMNMTT).

# Dr. Renu Yadav

- Moderator, National Workshop "Literary Criticism: Practice, Theory and Pedagogy, Department of English and Foreign Languages and Dept. of Education Central University of Haryana, March 30-April 3, 2017.
- Key Note Address (Lecture) on Research Ethics in Higher Education, National Seminar on Learning Innovation and Quality Education in 21st Century, Nathulal Das PTTI, and D.N.C. College, Aurangabad, West Bengal, Sept. 10, 20170.
- Discussant in session on Preserving the Character of a University and Challenge of Expansion Beyond Brick and Mortor, National Seminar "Inclusive and Qualitative Expansion of Higher Education in Haryana", School of Education and Dept. of Education, Oct. 15-16, 2017.
- Invited Lecture on Empowerment of Women with Disability: Key Issues and Practices, GIAN programme on Critical Perspective on Inclusive Education, Dept. of Education, GIAN Programme, Oct. 30-Nov. 3, 2017.
- Gender Sensitization, Orientation Training for NSS Programme officers by RIGNID, Rajiv Gandhi National Institute of Youth Development, Regional Centre, Chandigarh (Ministry of Youth Affairs and Sports, (GOI) Dec. 1, 2017.
- Chairperson, Session on Language and Empowerment, National Conference on Language Education at the Age of Globalization Regional Institute of Education, Ajmer, Dec. 21, 2017.
- Chairperson in Session on "Teaching and learning Global World perspective" International Conference on "A Virtual Higher Education Campus in a Global World? The Role of the Academic Campus in an Era of Technological Progress", Ariel University, Israel, February 27, 2018.
- Expert Talk on "Content Analysis in Social Sciences Research" 10 days Research Methodology workshop for M.Phil./Ph.D. research scholars of Social Sciences, March 12-22, 2018 sponsored by Indian Council of Social Science Research (ICSSR).Dept. of Political Sciences & ICSSR, Central University of Haryana, National Research Methodology workshop, March 13, 2018.
- Resource Person on ICT Competence of Teachers, National Seminar on Integration of ICT into Education, Dept. of Education, Annamalai University, Tamil Nadu, March 23, 2018.

# 7. Organized National Seminars/Conferences/Workshops

# Dr. Renu Yadav

- Coordinator, National Workshop "Literary Criticism: Practice, Theory and Pedagogy" March 30-April 3, 2017
- Advisory Board, National Seminar "Inclusive and Qualitative Expansion of Higher Education in Haryana" Oct. 15-16, 2017.
- Coordinator, Orientation programme for NSS Programme Officers, Nov. 28-Dec.4, 2017.
- Higher Education Leadership Programme (Vice-Chancellor Training programme), National, Dec. 5-8, 2017.
- Advisory Board and organising committee, International Interdisciplinary Conference on Curriculum Reforms and Higher Education: Global Scenario organised by Dept. Of Education and Dept. Of Electronics and IQAC, Shivaji University, Kohlapur, February 4-6, 2018.
- Member, National Advisory Committee, International Conference on "A Virtual Higher Education Campus in

a Global World? The Role of the Academic Campus in an Era of Technological Progress" at Ariel University, Israel, Feb. 25-27, 2018.

# Dr. Dinesh

- New Model of Teacher Education in India: Challenges ahead New Model of Teacher Education, 26/05/18, Khalsa College Amritsar.
- Peace and Happiness through Education Education for peace, Human Rights and Tolerance, 13/03/18, Mizoram University.
- Voices from the Classrooms and Administrative Issues in the Schools Teacher Education: Challenges and the Road Ahead, 20/2/18, P.U. Chandigarh.
- Constructivism in Classrooms constructivist approach of teaching and learning for teachers & teacher educators ,31/1/18, MGAHV, Wardha.
- Role of Youth in National Building Neta ji Subhash Chander's Contribution, 23/1/18, J.L.N.R.M. College, Portblair (A&N).
- Message of Bhagwat Geeta for Youth Geeta and its relevance(International), 26/11/17, K.U.K., Haryana.
- Drug DE addiction Harmony 2017, 25/10/17, NIFA, Karnal, Haryana.
- "Swatch Bharat", 25/10/17, R.G.G. College Ambala, Haryana.
- Education and Sports: Complimentary to each other Education, Physical Education and Sports Science, 30/7/17, Kuala Lumpur, Malaysia.

#### 8. Research Projects :

Sl. No.	Name of the Principal Investigator	Title of the Project	Year of Award	Nature of Project	Funding Agency	Project Grant	Duration of Project	Status of the Project
1.	Prof. Sarika Sharma	Crossing Boundaries, Escaping Marginality: An Exploration of Socio Cultural Changes and its impact on Girls Education in Haryana	2017	Sponsore d	ICSSR	Eight lakh	24 Months	On going
2.	Dr. Dinesh Chahal	Evaluation of YRC Activities in Haryana	2016	Sponsore d	IRCS, Haryana	One lakh	12 Months	Completed
3.	Dr. Renu Yadav	Hygiene and sanitation practices among Adolescent Girls: Study of School		Sponsore d	IRCS, Haryana	One lakh	12 Months	Completed

# 9. Students' Achievements:

- NET/JRF Qualified: 5
- M.Phil. Awarded: 5

# **Department of History & Archaeology**

#### 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.A.	40	12

### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Vinay Kr. Rao	Associate Professor	Ph.D.	14.2	Archaeology, BuddhistArt
2.	Dr. Narendra Parmar	Assistant Professor	Ph.D.	4.4	Harappan Settlement, Harappan Archaeology, Field Archaeology and Settlement System.
3.	Dr. Abhiranjan Kumar	Assistant Professor	Ph.D.	4.4	Philosophy of History, Communalism and Partition of India
4.	Dr. Iswar Parida	Assistant Professor*	Ph.D.	3.3	Social & Intellectual History of India
5.	Prof. Amar Singh	Professor#	Ph.D.	35	Haryana Harappan Archaeology

\*On contractual basis

# Consultant

3. Research Publications :

Books:

#### Dr. Narendra Parmar

- Published a book on the theme of "Harappan settlement in Saraswati Region".
- Harappan Civilization, Beyond the Saraswati Drishadvati Valley, Research India Press, New Delhi.

#### **Chapters in Book:**

#### Dr. Narendra Parmar

• Tigrana: A Harappan site in Southern Haryana, Journal of Haryana History Congress.

# Dr. Vinay Kumar Rao

- Published two papers and one is accepted for publication.
- 4. Paper Presentation/Participation in National & International Seminars /Conferences/Workshops: Dr. Vinay Kumar Rao
  - Presented paper in two international conferences and chaired one session in one international conference.
  - Participated in one International Excavation and Exploration programme at Rajagala, Sri Lnaka, April, 2018.

# 5. Extension Lectures Delivered by Faculty Members:

#### Dr. Abhiranjan Kumar

• Lecture delivered in Research Methodology workshop conducted by the Dept. of Political Science, Central University of Haryana in March 2018.

#### Dr. Narendra Parmar

- Lecture Delivered on Rock-cut Architeeture in the Department of History and Archaeology, Ch. Bansilal University, Bhiwani, Haryana.
- Lecture delivered on Nationalism, in the Govt. College, Hariya Mandi.

# **Department of Political Science**

# 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.A.	25	11
2.	M. Phil.	3	3
3.	Ph.D.	12	12

# 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Chanchal Kumar Sharma	Associate Professor	M.A., M.Phil., Ph.D.	20	Political Economy and Federalism
2.	Dr. Rajeev Kumar Singh	Assistant Professor	M.A. Ph.D.	5	Minority Politics, International Relations, Social Exclusion
3.	Dr. Raghvendra Pratap Singh	Assistant Professor	M.A. Ph.D.	8	Indian Government and Politics
4.	Dr. Satish Kumar Singh	Professor#	M.A. Ph.D.	14	International Relations
5.	Mr. Pawan Kumar Singh	Assistant Professor*	M.A., M. Phil.	1	Indian Government and Politics

# current status--repatriated to the same college \*On contractual basis

# 3. Research Publications :

# Dr. Chanchal Kumar Sharma

#### Book:

• Understanding Contemporary Indian Federalism: Competing Perspectives, New Challenges and Future Directions (with Wilfried Swenden, UK) Publisher: Routledge, UK.

#### Article :

• Modi-fying Indian Federalism? Centre-State Relations Under Modi's tenure as Prime Minister' Indian Politics and Policy (Policy Studies Organization) Inaugural Issue Vol. 1, No. 1. (with Wilfried Swenden as co-author)

#### 4. Paper Presentation in National & International Seminars /Conferences Workshop :

- The Indo-German Intergovernmental Consultations: Indian and German perspectives on international politics and global conflicts, May 28 June 03, The German Institute of Global and Area Studies, Hamburg, Germany. 1/06/2017
- Regional Elections in India: Second Order, First Order or Different Order: A longitudinal and subnational comparative analysis (1952-2014) 11th April 2017 International Conference, University of Glasgow [With Wilfried Swenden and Arjan Schakel.
- Centre-State Relations and Subnational Governments' International Engagements: Evidence from India (6-7 November) Queen Mary University of London, U.K. (with Johannes Plagemann, GIGA German Institute of Global and Area Studies, Germany & Sandra Destradi, GIGA German Institute of Global and Area Studies, Germany) 06/11/2017

# 6. Extension Lecture

• Autonomy and Disparities in Federal Systems—A special lecture delivered at Eurac Research, Bolzano Italy on 27 May 2017

# **Research Projects :**

Sl. No.	Name of the Principal Investigator and Co-Investigator	Title of the Project	Year of Award	Nature of Project (Sponsored/ Consultancy)	Funding Agency	Project Grant	Duration of Project	Status of the Project (Complete/ Ongoing )
1.	Dr. Chanchal Kumar Sharma	Regional Disparities and Intergovernmental Transfers in the era of Economic Reforms and Coalition Government		Sponsored	ICSSR	Rs. 10 lakh	2 years	Completed
2.	Dr. Chanchal Kumar Sharma	Continuity and Change in Indian Federalism through the University of Edinburgh, Scotland (U.K.). The project financed trips to Edinburgh, Bristol, Brighton, and Glasgow (travel grant including food and accommodation)	2014	Sponsored	Leverhulme Internationa l Network Grant (U.K.)	1 Crore	4 years	Completed
3.	Dr. Chanchal Kumar Sharma	Paradiplomacy in India	2017	Sponsored	GIGA, Germany	Rs. 6 lakh	1 year	Completed

# 7. Awards and Honours:

- Global Partnership Award-2018 conferred by the University of Edinburgh, Scotland, U.K.
- **Best Researcher Award** for the year 2017-18 conferred by The Central University of Haryana (26 Feb. 2017)
- Visiting Fellow, German Institute of Global and Area Studies (GIGA), Hamburg, Germany (2017)

# Dr. Rajeev Kumar Singh

# Paper

Research article entitled 'भारत में भाषा की राजनीति में 'ज्ञान गरिमा सिन्धु' March-June 2018,CSTT, Ministry of Human Resource Development, New Delhi.

# Seminar:

Participated and presented paper entitled "Crises and challenges to peace in East Asia"13<sup>th</sup> Annual Seminar of RASK 13-14 October 2017, Jamia-Milia University, New Delhi.

Deliver a special lecture in ten days research methodology workshop at the Central University of Haryana on the topic–'Research paradigm'.

# Organised:

• In the capacity of Organizing Secretary - Two days national seminar on "Issues and Challenges to the Indian Nationalism' on 27-28<sup>th</sup> March 2018 with the full financial support of ICSSR.

• In the capacity of Co-Course Director- Ten days Research Methodology workshop for the Research Scholar with the full financial support of ICSSR for 12 to 21<sup>st</sup> March 2018 in Central University of Haryana.

# **Students'Achievements:**

- NET/JRF Qualified: 8
- M.Phil. and Ph.D. Awarded: 5
- Placements/ selected for higher studies:2
- Competitive Exam Qualified: 2

# **Department of Psychology**

#### **1. Students Enrollment**

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.A.	40	13

#### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Jitendra Kumar Kushwaha	Assistant Professor*	Ph.D.	4	Mental Health, Discrimination and Social Psychology, Research Methodology
2.	Dr. Nidhi Verma	Assistant Professor*	M.Phil., Ph.D.	8	Personality, Mental Abilities, Clinical Psychology
3.	Dr. Rubi Singh	Assistant Professor*	M.A. NET	1	Positive Psychology, Health Psychology

\* On contractual basis

#### 3. Research Publications :

#### Articles & Research Paper:

#### Dr. Jitendra Kumar K.

- Kushwaha, J.K. & Wankhede G.G. (2017): Contributing Factors of Perceived Discrimination among the Students of Higher Education: An Empirical Exploration. International Journal of Information Movement, Vol. II, Issue-III, Pp54-67. ISSN: 2456-0553.
- Kushwaha, J.K. (2017): Educational Attainment and Analysis of Persisting Psycho-Social Discrimination during Higher Education: Evidences from Survey. IOSR Journal of Humanities and Social Science, Vol. 22, Issue-12, Pp 06-15. ISSN: 2279-0837 (e), 2279-0845 (p).
  DOI:10.9790/0837-2207120615.
- Kushwaha, J.K.(2017): Perceived Discrimination as predictor of Stress Appraisal and Mental Health among Students of Higher Education: An Analysis through Mediating Effect of Socio-Demographic Factors. The International Journal of Indian Psychology, Vol. 4, Issue-4, Pp 55-74 ISSN: 2348-5396 (e), 2349-3429 (p). DIP: 18.01.047/20170404, DOI: 10.25215/0404.047
- Saini, P.K., Kushwaha, J.K & Mohanta S.K. (2017): Job Satisfaction among the Library Professionals: A Survey of University Libraries in Haryana. International Journal of Information Movement, Vol. II, Issue-III, Pp 37-44. ISSN: 2456-0553
- Kushwaha, J.K. & Kumar, M (2017): Reflected Psycho-Social Dynamics of Matrimony Advertisements: Insights from Local Newspaper of Haryana. International Journal of Information Movement, Vol. II, Issue-IV, Pp—ISSN: 2456-0553.

# Dr. Nidhi Verma

- Verma, N. (2017). Anxiety Related Problems and Treatment Compliance among Female Breast Cancer patients is accepted in *International Journal of IndianPsychology*.
- Verma, N. (2017). Effect of Yoga on Management of Medullary Thyroid Carcinoma is accepted in *International Journal of Indian Psychology*.

# Book:

### Dr. Nidhi Verma

- Personality Assessment by Objective Analytic Test Approach (in press)
- 4. Paper Presentation in National & International Seminars /Conferences Workshop:

# Dr. Nidhi Verma

- Verma, N (2018). *Corporate Social Responsibility and Its Effect in Psychological Wellbeing* is presented in International Conference on Changing Global Business Environment from 30-31 March 2018 in Indira Gandhi University, Rewari, Haryana
- Verma, N (2018). *Cooperative Sectors Leading to Women Empowerment* is presented in International Conference on "Sustainable Development through Cooperatives from 26-27 March, 2018 in Deptt. Of Management, Central University of Haryana, Mahendergarh.
- Kataria, M and Verma, N (2017) *Increasing Pollution: An Insight from Psycho-MediaPerspective*is presented in National Conference on Climate Change and SustainableClean Environment in Central University of Haryana from 22-23<sup>rd</sup> November 2017.
- Verma, N (2017) *Women and Double Discrimination* is presented in two days National Seminar on Inclusive and Qualitative Expansion of Higher Education in Haryana in Central University of Haryana from 15-16 October, 2017.

#### 5. Participation in National Seminars /Conferences/Workshops:

- Dr. Nidhi Verma Delivered lectures in Entrepreneurship Workshop in 2018
- 6. Major Events, Activities or Extra Curricular Activities :
  - One Day Educational Tour to Academic Vibrant Techno Fest-Synergy 2017 at SGT University, Gurgoan
  - Invited extension lecture on Signal Detection Theory by Prof. Rajbir Singh

# **Department of Sociology**

#### 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.A.	40	8

#### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Reema Gill	Assistant Professor	Ph.D.	3	Methodology of Social Sciences, Demography, Sociology of Health
2.	Dr. T. Longkoi Khiamniungan	Assistant Professor	Ph.D.	3	Gender Studies, Sociology of Social Stratification in India
3.	Dr. Yudhvir	Assistant Professor*	Ph. D.	4	Indian Society, Rural Sociology, Demography, Sociological Theories
4	Mr. Muhammed Haneefa AP	Assistant Professor*	M.Phil., NET	1	Sociology of Education, Social Identities: Caste and Religion Minorities, Anthropological Theories

\* On contractual basis

# 3. Research Publications :

#### Articles & Research Papers:

# Dr. T. Longkoi Khiamniungan

- Khiamniungan, T. Longkoi (2018) Patriarchy as Structural Violence: Resistance against WomenReservation in Nagaland;. In Jelle J.P. Wouters and ZhotoTunyi (Ed), Exploring Democracy inNagaland: Tribes, Traditions, and Tensions (in press) Highlander Books: Edinburgh and Kohima.
- Khiamniungan, T. Longkoi (2018). Naga Identity: Naga Nation as Imagined Communities.International Journal of Research in Social Sciences. Vol. 8, Issue 2, pp. 637-651.

# Mr. Muhammed Haneefa AP

- Haneefa, M. 2018. Celebrating with Beef: OmanurNercha Shows South Malabar&Religious Syncretism. Economic andPolitical Weekly (EPW), Vol. 53, No.31
- Punnoose, R. and Haneefa, M. 2018. Problematising Hindi as the 'Self' and English as the 'Other'. Economic and PoliticalWeekly (EPW), Vol. 53, No. 7, Pp 19-22, ISSN 00129976 (Print), 2349 8846 (Online)
- Haneefa, M. 2018. Communities and Social Capital: A Study of the Educational Development of the Muslims in Kerala and Gujarat. Research Journal of Humanities and Social Sciences, Vol. 9, No 1, Pp 11-16, ISSN: 0975-6795 (Print), 2321-5828(Online)
- Haneefa M. 2017. Educational Status of Indian Muslims after the Sachar Report. Third Concept, Vol 31, No. 364, Pp 44-48, ISSN 0970-7247

# Dr. Reema Gill

- Gender Stereotypes: A History of Nursing in India, Social Action, February 2018, 68:43-55.
- Floods in Bihar, India: A Brief Overview of Vulnerabilities and Impacts, The Research Journal of Social Sciences, November 2018, Volume 9 number 11.

# 4. Lectures Delivered:

# Dr. Yudhvir

- Delivered a Lecture on "Objectives, Coverage, Features, Funding Pattern, Role of PRIs, Blocks and District Administration regarding NSAP", on 03.05.2017, in 03 Months Certificate Course in Panchayati Raj & Rural Development, started under the aegis of DeenDayal Upadhyaya Centre of Excellence for Rural Development for the elected representatives of PRIs, M.D. University, Rohtak, Haryana.
- Delivered a Lecture on "National Social Assistance Programme: Various Schemes", on 14.05.2017, in 03 Months Certificate Course in Panchayati Raj & Rural Development, started under the aegis of DeenDayal Upadhyaya Centre of Excellence for Rural Development for the elected representatives of PRIs, M.D. University, Rohtak, Haryana.
- Delivered a Lecture on "Theoretical Perspective of IWMP", on 19.05.2017, in 03 Months Certificate Course in Panchayati Raj & Rural Development, started under the aegis of DeenDayal Upadhyaya Centre of Excellence for Rural Development for the elected representatives of PRIs, M.D. University, Rohtak, Haryana.
- Delivered a Lecture on "Role of PRIs, Blocks and District Administration in IWMP", on 26.05.2017, in 03 Months Certificate Course in Panchayati Raj & Rural Development, started under the aegis of DeenDayal Upadhyaya Centre of Excellence for Rural Development for the elected representatives of PRIs, M.D. University, Rohtak, Haryana.
- Delivered a Lecture on "Practices of Gender & Caste Discrimination in the context of Good Governance", on 03.06.2017, in 03 Months Certificate Course in Panchayati Raj & Rural Development, started under the aegis of DeenDayal Upadhyaya Centre of Excellence for Rural Development for the elected representatives of PRIs, M.D. University, Rohtak, Haryana.
- Delivered a Lecture on "Swa- Prerit Adarsh Gram Yojana: Theoretical Perspective", on 11.06.2017, in 03 Months Certificate Course in Panchayati Raj & Rural Development, started under the aegis of DeenDayal Upadhyaya Centre of Excellence for Rural Development for the elected representatives of PRIs, M.D. University, Rohtak, Haryana.
- Delivered a Lecture on "Swa- Prerit Adarsh Gram Yojana: Role of PRIs, Blocks & District Administration", on 18.06.2017, in 03 Months Certificate Course in Panchayati Raj & Rural Development, started under the aegis of DeenDayal Upadhyaya Centre of Excellence for Rural Development for the elected representatives of PRIs, M.D. University, Rohtak, Haryana.
- Delivered a Lecture on "Pradhanmantri Skill Development Mission: Theoretical Perspective", on 23.06.2017, in 03 Months Certificate Course in Panchayati Raj & Rural Development, started under the aegis of DeenDayal Upadhyaya Centre of Excellence for Rural Development for the elected representatives of PRIs, M.D. University, Rohtak, Haryana.
- Delivered a Lecture on "Role of PRIs, Blocks and District Administration in Pradhanmantri Skill Development Mission", on 24.06.2017, in 03 Months Certificate Course in Panchayati Raj & Rural Development, started under the aegis of DeenDayal Upadhyaya Centre of Excellence for Rural Development for the elected representatives of PRIs, M.D. University, Rohtak, Haryana.
- Delivered a Lecture on "SwaranjayantiMahagram Yojana: Theoretical Perspective", on 08.07.2017, in 03 Months Certificate Course in Panchayati Raj & Rural Development, started under the aegis of DeenDayal Upadhyaya Centre of Excellence for Rural Development for the elected representatives of PRIs, M.D. University, Rohtak, Haryana.

Delivered a Lecture on "SwaranjayantiMahagram Yojana: Functional Perspective", on 22.07.2017, in 03 Months Certificate Course in Panchayati Raj & Rural Development, started under the aegis of DeenDayal

Upadhyaya Centre of Excellence for Rural Development for the elected representatives of PRIs, M.D. University, Rohtak, Haryana

# 5. Session Chaired:

# Dr. Yudhvir

• Chaired a Technical Session-VII in National Seminar on "Drug Addiction and Alcoholism: Issues and Challenges in North- West Region", on March, 29-30, 2017, Sponsored by ICSSR, organized by the Department of Sociology, M.D. University, Rohtak, Haryana.

6. Paper Presentation/ Participation in National & International Seminars / Conferences Workshop

# Dr. Yudhvir

- Presented a paper on "Role of India in World Peace", One Day International Conference on "Resurging India, Reasserting China and World Peace: Emerging Scenario", on October 6, 2017, organized by Faculty of Education & Faculty of Social Sciences in association with Vishwagram, New Delhi, held at Chaudhary Ranbir Singh University, Jind.
- Presented a paper on "Impacts of Adverse Sex Ratio in Rural Haryana: Some Sociological Field Based Observations", in 19<sup>th</sup> National Conference of North West Indian Sociological Association (NWISA) on "Mapping Identities: Tradition and Change in North West India", on October 27-28, 2017, organized by the Department of Sociology, Guru Nanak Dev University, Amritsar, Punjab.
- Presented a paper on "Social Structure and Drug Addiction" in National Seminar on "Drug Addiction and Alcoholism: Issues and Challenges in North- West Region", on March, 29-30, 2017, organized by the Department of Sociology, M.D. University, Rohtak, Haryana.
- Presented a paper on "Citizen's Participatiion and Goverance Accountability in India" in National Seminar on "Ensuring Accountability in Governance: Emerging Trends", organized by Department of Public Administration, Maharshi Dayanand University, Rohtak, Haryana on March 28, 2017.
- Presented a Paperin the International Conference on "Startup India: Issues and Challenges", "Startup India Recipe for Inclusive Entrepreneurship and Innovation: Issues and Challenges", on March 2-3, 2017, Organized by Institute of Management Studies and Research, M.D. University, Rohtak, Haryana.
- Participated in one Day Training Programme on "Human Rights", on 31<sup>st</sup>March, 2017, Organized by Department of Law, M.D. University, Rohtak, Haryana.
- Participated in the National Workshop on "Coping Health Issues", organized by Women's Studies Centre, M.D. University, Rohtak, Haryana on 23<sup>rd</sup> February, 2017.

# Mr. Muhammed Haneefa AP

- The Question of Muslim Caste: The Marginalisation and Discrimination Faced by the Barbers and Fishermen in South Malabar, Paper presented at Young Researchers' Conference Beyond the icon: Ambedkar, legacy for our times, Organized by Ambedkar University Delhi on 23 February 2018.
- 7. Major Events, Activities or Extra Curricular Activities Conducted/Organized by the Department:
  - Findings of Research Paper of Dr. Yudhvir also published at Cover Page in Danik Jagran News Paper.
  - Organized Extention Lectures by various Eminent Scholars.

# School of Language, Linguistics, Culture & Heritage

# **Department of English & Foreign Languages**

### 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.A.	30	22

#### 2. Faculty Profile

SI. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Prof. Bir Singh Yadav	Professor	M.A., Ph.D.	38	Romantic Poetry, Philosophy, Logic and Eco -Criticism
2.	Prof. Sanjiv Kumar	Professor	M.A., Ph.D.	20	Postcolonial Studies, Diaspora Literature, and Subaltern Studies
3.	Dr. Sudeep Kumar	Assistant Professor	M.A., M.Phil., NET, Ph.D.	5	Critical Theory, Indian Writings in English
4.	Dr. Manoj Kumar	Assistant Professor	M.A., Ph.D.	12	Indian Writing in English, Canadian Literature, Indian Sanskrit Poetics
5.	Dr. Rinu Yadav	Assistant Professor	Ph.D., M.Phil., M.A., NET	5	Sanskrit Poetics, Stylistics, American Poetry, Diaspora Studies
6.	Dr. Snehsata	Assistant Professor	M.A., M.Phil., NET,Ph.D.	4	Continental Philosophy, Gender Studies, and Dalit Literature

# 3. Research Publications :

# **Prof. Bir Singh Yadav**

• Sthapatyam in Journal of Indian Science of Architecture and Allied Science (The Hero; Rabindranath Tagor's Epistemological Insight)

# Dr. Manoj Kumar

• Vidyalankar, Manoj Kumar and Aibhi Biswas. "Magic Realism in Films: A Study of Beasts of the Southern Wild", *The Criterion: An International Journal in English*, Vol. 8, Issue-IV, August 2017, 403-415.

# Dr. Rinu Yadav

- Published a paper titled "Language of Literature and Figurative Mode in Indian (Sanskrit) Poetics" in Research Scholar: An International Refereed e-Journal of Literary Explorations. Vol. 5. Issue. II. 2017. 182-190. ISSN-2320-6101.Online.
- Published a paper titled "Bhāmaha's Dīpakālamkāra and Emily Dickinson's Poem "Because I could not stop for Death": A Study in Application" in The Vedic Path: A Quarterly Journal of English. Vol. XCII. Jan-March & April- June 2017. 32-40. ISSN- 0970-1443.

# Dr. Sudeep Kumar

• "TheorisingJihad in Religion, Media and Literature: A Study with Reference to TabishKhair's Jihadi Jane." The Vedic Path a Quarterly Journal of English, XCII.3 (July-September 2017). ISSN 0970-1443. (Co-Author Rakibul Islam)

# 4. Paper Presentation/ Participation in National & International Seminars /Conferences/Workshops: Dr. Snehsata

- Scheduled Castes Representation in Higher Education in Haryana: An Analytical Study, presented in National Seminar on Inclusive and Qualitative Expansion of Higher Education in Haryana held at Central University of Haryana on 15<sup>th</sup> October, 2017
- Han Kang's *The Vegetarian*: An Ecofeminist Response to Violence, presented in International Conference on Modern Approaches to Language, Literature, and Feminism Studies 2018 on July 20-21, 2018 by IMRF, Chandigarh.

# Dr. Sudeep Kumar

• "Political Consciousness of Post-Ambedkarite Dalit Poetry: Reading Politics in Select Poems of Namdeo Dhasal" at National Seminar on "Politics of Difference and (Re)locating Marginality: Reflections in Indian Literatures" from Nov.09-11, 2017 held at Bhasha Bhavana, Visva Bharti, Santiniketan (West Bengal).

# Dr. Rinu Yadav

• Attended 5-Day National Workshop on "Literary Criticism in India: Theory, Practice and Pedagogy" organized by Department of English & Foreign languages and School of Education, Central University of Haryana from March 30-April 03, 2017

# 5. Students' Achievements:

- NET/JRF Qualified: 7
- M.Phil. and Ph.D. Awarded: 18
- Placements/ selected for higher studies : Placement 15/ Higher Studies 11
- Competitive Exam Qualified: 8

# 6. Major Events, Activities or Extra Curricular Activities :

• National Workshop on:- Literary Criticism in India: Theory, Practice and Pedagogy (Under the MHRD Scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching) from March 30<sup>th</sup> 2017 to 3<sup>rd</sup> April 2017.

# Dr. Sudeep Kumar

• Organizing Secretary, Five Day National Workshop on "Literary Criticism in India: Theory, Practice and Pedagogy" held on 30 March-3 April 2017 at Central University of Haryana.

# **Department of Hindi & Indian Languages**

# 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.A.	40	20
2.	M.Phil.	3	3
3.	Ph.D.	3	3

# 2. Faculty Profile

SI. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Siddharth Shanker Rai	Assistant Professor	Ph.D., NET	5	हिंदी कविता आलोचना
2.	Dr. Amit Kumar	Assistant Professor	Ph.D., M.Phil, NET	5	कथा साहित्य लोक साहित्य
3.	Dr. Arvind Singh Tejawat	Assistant Professor	Ph.D., M.Phil., NET	7	मीरांबाई एवं मध्यकालीन भारत भारतीय संस्कृति भक्ति आन्दोलन

# 3. Research Publications :

# Articles & Research Papers:

# डॉ. सिद्धार्थ शंकर राय

- शीर्षक 'विगत और आगत प्रदेश की सीमा पर स्त्री कविता' शोध आलेख 'आई.जे. एम. एल.एस.एस' (ISSN2456-4303) में प्रकाशित 201, नवंबर, 74: पृ०, 844-88.
- शीर्षक 'समकालीन कविता और साम्प्रदायिक समस्या' शोध आलेख 'करंटजर्नल' (ISSN2348-6228) में प्रकाशित, 2017 दिसंबर, पृ०, 366-370.

# डॉ. अमित कुमार

• किसानी का मतलब है मौत; देस हरियाणा (ISSN2454-6879) UGC Approved Journal No. 48282; pp 35-38.

# Books:

# डॉ. अमित कुमार

- प्रेमचंद की किसानी कहानियां; संपादन दिल्ली, अद्वैतप्रकाशत; (ISBN 978-93-82554-83-7; 2017)
- 4. Paper Presentation and Participation in National & International Seminars/Conferences Workshop: डॉ. सिद्धार्थ शंकर राय
  - मानव संसाधन विकास केंद्र 15 अगस्त 26 दीनदयाल उपाध्याय गोरखपुर विश्वविद्यालय द्वारा, सितम्बर, 2017 तक आयोजित पुनश्चर्या कार्यक्रम में भागीदारी

# डॉ. अमित कुमार

- शिक्षा विभाग हरियाणा केंद्रीय विद्यालय, महेंद्रगढ़ द्वारा आयोजित दो दिवसीय राष्ट्रीय संगोष्ठी 16-15 अक्टूबर, 2017 में ( उच्च शिक्षा के गुणात्मक विस्तार में भाषा की समस्या पत्र का वाचन-शोध।
- दूरवर्ती शिक्षा निदेशालय, कुरूक्षेत्र द्वारा आयोजित एक दिवसीय अंतर्राष्ट्रीय संगोष्ठी 27 अक्टूबर, 2017 में तकनीकी दृष्टि से वैश्विक परिप्रेक्ष्य में हिन्दी की स्थिति पत्र का वाचन शोध।
- पी.जी.डी.ए.वी. महाविद्यालय द्वारा आयोजित दो दिवसीय अंतर्राष्ट्रीय संगोष्ठी 3-2 नवंबर, 2017 में मीरां और उनकी कविता पत्र का वाचन शोध।
- पृथ्वी, पर्यावरण एवं अंतरिक्ष अध्ययन, हरियाणा केंद्रीय विश्वविद्यालय, महेंद्रगढ़ द्वारा आयोजित दो दिवसीय राष्ट्रीय संगोष्ठी 22-23 नवम्बर, 2017 पुनश्चर्या पाठ्यक्रम।
- मानव संसाधन केंद्र, रानी दुर्गावती विश्वविद्यालय, जबलपुर द्वारा आयोजित पुनश्चर्या पाठ्यक्रम 24-05 जून, 2017 में भागीदारी।

# 5. Extension Lectures Delivered :

# • डॉ सिद्धार्थ शंकर राय

दिनांक, मार्च 25-25-2018 को हरियाणा गंथ अकादमी द्वारा आयोजित: सत्य सिद्धांत प्रकाश स्वामी नितानंद की एक कालजयी रचना विषय संगोष्ठी में व्याख्यान।

# डॉ. अरविंद सिंह तेजावत

• Hindi Cinema and the Media Organised by: Department of Hindi, Venue: Punjab University, September, 2017

# 6. Research Projects :

Sl. No.	Name of the Principal Investigator and Co-Investigator	Title of the Project	Year of Award		Funding Agency	Project Grant	Duration of Project	Status of the Project (Complete/ Ongoing )
1.	Dr. Arvind Singh Tejawat	The Study of Language Change and Development at the Backdrop of Cultural, Social, Political and Economic Change in the Context of Southern and western Rajasthani Society Based on Written and Oral Tradition	2016	Sponsored	ICSSR	Rs. 9,00,000 (Nine Lacs)	12 Months	On going

# 7. Students' Achievements:

- NET/JRF Qualified:9
- M.Phil. and Ph.D. Awarded: M.Phil.-10, Ph.D.-1
- Placements/ Selected for Higher Studies : Placements : 5 , Selected for Higher Studies : 4

# **Department of Tourism and Hotel Management**

### 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.H.M.C.T.	30	16

### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Amandeep	Assistant Professor*	Master's in Hotel and Hospitality	3	Accommodation operations, Communication, Basics of Food Production.
2.	Dr. Dilbag Singh	Assistant Professor*	Ph.D. in Hotel Management	7	Housekeeping.
3.	Shikha	Assistant Professor*	Masters in Hotel Management	4	Accommodation management, Human resource
4.	Vikas Mohan	Assistant Professor*	Masters in Hotel Management & Tourism Management	9	Food and Beverage Management & Food Production

\*On contractual basis

# 3. ResearchPublications:

#### Amandeep

- Amandeep, Central University of Haryana, 2017, "Responsible Research and Innovation" bringing the diversity to think together for Emerging India, Global Journal of Research and Analysis, ISSN 2277-8160, Volume 6 Issue-1.
- Amandeep, Central University of Haryana, 2017, 'Green Hotels and Sustainable Hotel Operations' in India, International Journal of Management and Social Sciences Research (IJMSSR), ISSN 2319-4421, Volume 6, No. 2.
- Dr. Dilbag Singh, and Mr. Amandeep, Central University of Haryana, (2017). "Impact of Employee Turnover On Hotel Industry- A Study of Selected Hotels of New Delhi" International Journal of Research Granthaalayah, ISSN 2350-0530, Volume 5(4).
- Dr. Dilbag Singh and Mr. Amandeep, Central University of Haryana, 2017. "Perception of Students towards Hotel Management Courses and Industry A Study of Central University of Haryana" International Journal of Management and Social Sciences Research (IJMSSR), Volume 6, No. 6, June 2017. ISSN: 2319-4421.
- Amandeep and Dr.Dilbag Singh, Central University of Haryana, 2017," Green Meeting in Hotel Industry Moving towards Sustainable Development" Journal for Studies in Management and Planning, ISSN- 2395-0463.
- Dr. Dilbag Singh and Mr. Amandeep, Central University of Haryana, 2017," Motives for Selecting Housekeeping Department as A Career- A Study of Selected Hotels of North India" international Journal of Research–Granthaalayah (IJRG), ISSN-2394-3629.
- Dr. Dilbag Singh and Mr. Amandeep, Central University of Haryana, 2017," Expectation of Employees from Hotel Industry" International Journal of Research, ISSN-2348-6848.

• Dr. Dilbag Singh and Mr. Amandeep, Central University of Haryana, 2018," Food Waste Management: Study of Indian Hotels" International Journal of Creative Research Thoughts, Volume 6, Issue 1, ISSN:2320-2882.

#### Dr. Dilgab

- Dilbag and Amandeep 2017, Perception of Students towards Hotel Management Courses and Industry A Study of Central University of Haryana, International Journal of Management and Social Sciences Research (IJMSSR)
- Dilbag and Amandeep 2017, Motives For Selecting Housekeeping Department As A Career-A Study Of Selected Hotels Of North India, International Journal of Research
- Dilbag and Amandeep 2017, Impact Of Employee Turnover On Hotel Industry- A Study Of Selected Hotels Of New Delhi, International Journal of Research
- Amandeep and Dilbag 2017, Green Meeting in Hotel Industry Moving towards Sustainable Development, Journal for Studies in Management and Planning
- Dilbag and Amandeep 2017, Expectation of Employees from Hotel Industry, International Journal of Research
- Dilbag and Amandeep 2018, Managing Food Waste- Study of Indian Hotel Industry, International Journal of Creative Research Thoughts.

#### Shikha

- Shikha (2017)"Eco Friendly Practices in Hospitality & Tourism Industry in India : An Overview", International Journal of Research (IJR) ISSN No. 2348-6848, Vol-4 Issue-6
- Shikha (2017)"Factor Influencing Employee's Performance in Hotel Industry", International Journal of Research (IJR) ISSN No. 2348-6848, Vol-4 Issue-7
- Shikha (2017)"A Study on Preference of Women Employees in Hospitality Industry", Journal for Studies in Management and Planning ISSN No. 2395-0463, Vol-3, Issue-6
- Shikha (2017)"Corporate Social Responsibility: A Study of Tourism and Hospitality Business", Journal for Studies in Management and Planning ISSN No. 2395-0463, Vol-3, Issue-7

#### Vikas Mohan

- Mohan, V. (2017). Environment and Bangus Valley: A Paradigm of Nature Based destination, International Journal of Business and Administrative Research (ISSN No.: 2348-0653), 3(18), 35-38.
- Mohan, V., Bansal, D., & Sharma, M. (2017). Reduction and Management of Waste in Hotel Industries, International Journal of Engineering Research and Application (ISSN No.: 2248-9622), 7(7), 34-37.
- Mohan, V. (2017). ICT and Tourism: An Approach to Enhanced Experience, International Journal of Enhanced Research in Management & Computer Applications (ISSN No.: 2319-7471), 6(8), 36-41.

# 4. Paper Presentation in National & International Seminars /Conferences/Workshops:

• Participation in National Seminars /Conferences/Workshops: 10

# 5. Extension Lectures Delivered : 2

#### 6. Students'Achievements:

- Placements/ selected for higher studies: 70% (2015-17), 50% (2016-18)
- Competitive Exam Qualified: 1

# 7. Major Events, Activities or Extra Curricular Activities:

- Organised workshops on Ethnic Cuisine, Chocolate Making, Microwave Cooking, Salad Preparation and Presentations, Mixology, Napkin Folding, Flower Arrangement, Towel Art, Regional Cuisine, Etc.
- Organised lectures on Green Practices, Sustainability in Hospitality, Latest Trends and Technology, Etc.
- Organised educational Field Trips and Industrial Visits of the students for exposure.
- Organised various events and Food Festivals.
- Celebrated Housekeepers Week, International Chef Day, World Tourism Day, Etc.

# School of Law, Governance, Public Policy and Management

# **Department of Law**

# 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	LL.M.	25	14
2.	Ph.D.	5	2

# 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Pardeep Singh	Assistant Professor	LL.M., Ph.D.	7	Constitutional Law
2.	Dr. Anju	Assistant Professor	LL.M., Ph.D.	6	Corporate Law, Women Related Laws
3.	Dr Samiksha Godara	Assistant Professor	LL.M., Ph.D.	7	Cyber Law, Criminal Law
4.	Sh. Rakesh Meena	Assistant Professor	LL.M, M.A.	6	Human Rights

# 3. Research Publications :

- Articles & Research Papers: 2
- Chapters in Book: 1

# 4. Paper Presentation/Participation in National & International Seminars /Conferences/ Workshops: Dr. Pardeep Singh

- Participated and presented a research paper "Realizing Access to Higher Education for '*Divyangs*' with Rightbased Approach" in Two Days National Seminar on "Inclusive and Qualitative Expansion of Higher Education in Haryana" organized by School of Education and Department of Education, Central University of Haryana on dated 15-16 October, 2017.
- Participated in World Conference on Environment organized by National Green Tribunal, New Delhi on dated November 3-4, 2017.
- Participated and presented a research paper on "Environmental Justice: Need of Present Hour" in a National Conference on "Climate Change and Sustainable Clean Environment" on November 22-23, 2017, organized by Department of Environmental Sciences, Central University of Haryana.
- Participated and presented a research paper on "Policy Frameworks for Co-operatives in India: Issues & Challenges" in an International Conference on "Sustainable Development through Cooperatives" organized by Department of Management Studies, CUH in association with National Cooperative Union of India (NCUI) on dated 26-27 March, 2018.
- Participated in National Workshop on "Literary Criticism in India: Theory, Practice and Pedagogy" organized by Department of English and Foreign Languages in collaboration with Department of Education, CUH under the MHRD Scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (March, 30th 2017 to April, 3rd 2017.

- Participated in Colloquium of Vice Chancellor's on Theme: "Sharing Resource for Quality Higher Education and Research, held at Central University of Haryana on dated 14 October, 2017.
- Participated in week-long Teachers' Training Programme on Jurisprudence organized by National Law University, New Delhi on dated 15th 19th Dec., 2017.
- Participated and attended 14-Day Capacity Building Workshop on Research Methodology for Faculty Members in Social Science organized IGNOU, Regional Centre, Panaji, Goa, in collaboration with Directorate of Higher Education, Govt. of Goa and sponsored by ICSSR, New Delhi, on dated 8-21 Jan., 2018.
- Participated in Two-day Workshop for Administrative and Ministerial Staff on 13-14thFebruary, 2018 organized by Central University of Haryana under the MHRD Scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching in collaboration with Cell for Faculty Induction Development.
- Organized a Public Lecture and Moderated a Panel Discussion of students on 'Consumer Protection in India' on the occasion of World Consumers Day on dated March 15, 2018.

#### Session Chaired:

#### **Dr. Pardeep Singh**

• In National Seminar on "Implementation of Human Rights: Issues & Challenges in India" organized by Department of Law, Indira Gandhi University, Meerpur, Rewari on dated March 30, 2018.

#### 5. Extension Lectures Delivered :

#### Dr. Pardeep Singh

- Delivered a key note address, as a resource person, on "Pre-marital Counseling: An Imperative for a happy family" at a Seminar on theme 'Pre-marital Counseling' organized by DLSA, Mahendergarh under the aegis of Haryana State Legal Services Authority (HALSA) on dated 11 August, 2017.
- Delivered a key note address "Locating Human Rights in Present Context: India's Story" at the inauguration ceremony of a National Seminar on "Implementation of Human Rights: Issues & Challenges in India" organized by Department of Law, Indira Gandhi University, Meerpur, Rewari on dated March 30, 2018.

#### 6. Students' Achievements:

- NET/JRF Qualified: 2
- M.Phil. and Ph.D. Awarded: 1
- Placements/ selected for higher studies: 10
- Competitive Exam Qualified: 2

#### **Other Achievements:**

# Mr. Mohd.

- Idrees Magray, a LL.M (second Sem) student successfully completed internship at Jammu & Kashmir Human Right Commission.
- 7. Major Events, Activities or Extra Curricular Activities :
  - Department of Law with its CUH Legal Aid Clinic organised a Legal Literacy Camp at a Government Senior Secondary School at Village Malra, District Mahendergarh, Haryana on the occasion of Legal Services Day on dated 9 November, 2017.
  - Department of Law organized a Public Lecture and Moderated a Panel Discussion of students on 'Consumer Protection in India' on the occasion of World Consumers Day on dated March 15, 2018.

# **Department of Management Studies**

# **1.Students Enrollment**

Sl. No.	Name of the Programme	Intake	No. of Students
1.	MBA	40	37

### 2. Faculty Profile

SI. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Anand Sharma	Associate Professor	MBA, Ph.D.	18	Finance and Accounting
2.	Dr. Sunita Tanwar	Assistant Professor	MBA, Ph.D.	12	HR/Marketing/Entrepreneurship
3.	Dr. Ajai Pal Sharma	Assistant Professor	MBA, Ph.D.	10	Marketing, Retail Management, Service Marketing
4.	Ms. Divya	Assistant Professor	MBA, NET, Associate in Life Insurance	5	Financial Accounting, Human Resource Management, Banking and Insurance.
5.	Dr. Ajay Kumar	Assistant Professor	MBA, Ph.D.	8	Marketing, Consumer Behavior, Brand Management

# 3. Research Publications :

# Articles & Research Papers:

# **Dr. Anand Sharma**

• Published an article "Financial Inclusion Among Rural Household in Haryana: Developing an Index of financial Inclusion" Published in LBS Journal of Management and Research, Vol XIV, No. 2, ISSN No. 0972-8031

# Dr. Sunita Tanwar

- Published an article "Are shariah and Non shariah Indices related Some empirical Evidence from India" IOSR Journal of Business and Management Research 2017, Vol VI, pp01-09,2278-487X
- Published an article "Causilty between India VIX and its Future Prices Asian Journal of Research" in Business Economics and Management 20177238-2442249-7307.
- Published an article "Fundamental Determinants of share Price in India A Comparative study of Shariah and Non shariah" CC Pacific business review 2017 9 59-67 0974-438X.

# Dr. Ajai Pal Sharma

- Published an article "Investigation of Factors Influencing Mobile Broadband Adoption in Gurugram Province of Southern Haryana" in Effulgence-A Referred Management Journal, Vol.16, No.1, Jan 2018, ISSN 0972-8058
- Published an article "Comparative Study of Customer Perception towards Public, Private and Foreign Sector Banks: A Case Study of Delhi and NCR" in ADROITIC-An International Refereed Quarterly Research Journal, Vol.3 No.4, April-Jun 2017, ISSN 2349-6274

# Ms. Divya

- Khera N. Shikha & Divya (2017), Relationship of Human Resource Practices with Job Satisfaction, Organisational Commitment and Turnover Intention: A Conceptual Model, Journal of Central University of Haryana Volume 2 March 2015, pp 95-105. ISSN-2348-3377.
- Khera N. Shikha & Divya (2017), Breaking the glass Ceiling: Gender Parity in Boardrooms in India, University News (Special Issue on Writing on Women and Women Writing), Volume 55 No.2, pp. 75-80. ISSN-0566-2257.

# Dr. Ajay Kumar

- Kumar, A., & Paul, J. (2018). Mass prestige value and competition between American versus Asian laptop brands in an emerging market-Theory and evidence. *International Business Review*. https://doi.org/10.1016/j.ibusrev.2018.02.007. Elsevier Publication. Impact Factor 2.7
- Kumar, A. (2018). Story of Aaker's Brand Persoanlity Scale Criticism. *Spanish Journal of Marketing*. Accepted for publication. doi: 10.1108/SJME-03-2018-005.Emerald Publication
- Kumar, A., & Sharma, R. (2017). Perceived Influential Aspects of Advertising. *Paradigm*, 21(2), 1-19. doi: 10.1177/0971890717736216. Sage Publication. http://journals.sagepub.com/doi/abs/10.1177/0971890717736216

# 4. Chapters in Book:

# Dr. Sunita Tanwar

• Arch Family Model An Empirical Study to communicate the Price volatility of Gold Spot Market Chapter in Books published by National level Publisher 2017 978-81-7975-8- 333-5 Anamika Publishers and distributers, New Delhi

# Dr. Ajai Pal Sharma

- Published an article entitled "Role of Marketing in Public Administration" in Proceedings of 8th National Conference on 'People, Planet & Profit in Sustainable Development & Contribution of IT, Media & Management" by Trinity Institute of Professional Studies with ISBN 978-93-86789-40-2, Apr 2018.
- Published a research paper entitled "Digitisation in Line of Reshaping Digital Transactions" in Conference Proceedings with ISBN 978-93-86256-51-5 of International Conference on "The New Digital Age: Reshaping Strategies for Business Organisation" conducted by Amity Business School, Gurugram, Apr 2017.

# 5. Presentation/Participated/Chaired the Session in Seminars/ Conferences/ Workshops:

# **Dr. Anand Sharma**

- Delivered a lecture as resource person on *Technical and commercial aspects of small scale industries* in Entrepreneurship Development Camp (EDC) Sponsored by NSTEDB, DST, Govt of India(2-4 Nov 2017)
- Delivered an expert talk as resource person on *developing leadership skill among students through participative hostel administration as part of* Faculty Development Program conducted by department of Education, Central University of Haryana (June 2018)
- Delivered an extension lecture on *Budget 2018-19 and employment opportunities* at Ch Bansi Lal Govt Boys College Loharu(Bhiwani) (8 Feb 2018)
- Delivered an extension lecture on *Budget 2018-19 and employment opportunities* at Ch Bansi Lal Govt Girls College Loharu(Bhiwani) (8 Feb 2018)
- Imparted training in digital payments under the aegis of Digital Financial Literacy Program VISAKA (an MHRD initiative) for CUH VISAKA Volunteers and CUH figured among top 20 institutes in India
- Participated in One Day Vice Chancellor's Colloquium on the theme "Sharing Resources for Quality Higher Education and Research" organized by Central University of Haryana. under the aegis of MHRD scheme of PMMMNMTT (14.10.2017)

- Participated in four day Higher Education Leadership Program( HELP) organized by Central University of Haryana under the aegis of MHRD scheme of PMMMNMTT Dec 05-08,2017
- Participated in Two day workshop for administrative and ministerial organized by Central University of Haryana (13-14 Feb.2018)
- Delivered talk in a session on futures trading in Workshop on trading in stock Market organized by the Department of Management Studies in association with BSE

# Dr. Ajai Pal Sharma

- Presented a research paper "Role of Marketing in Public Administration" in National Conference on 'People, Planet & Profit in Sustainable Development & Contribution of IT, Media & Management", organized by Trinity Institute of Professional Studies, Delhi, on April 07, 2018.
- Chaired a technical session in International Conference on 'Sustainable Development through Cooperatives' organized by Central University of Haryana on Mar 27. 2018.
- Attended One Day Vice Chancellor's Colloquium on the theme "Sharing Resources for Quality Higher Education and Research" on 14.11.2017, organized by School of Education, Central University of Haryana.

# Ms. Divya

- Presented a paper "Review of the stress leading to health problems in the top authorities of the Indian Universities" in International Conference on Environment, Genes, Health and diseases -2017 in August 2017.
- Presented a paper "A review of the Era of Inclusive education in India" in Learning Innovation and Quality Education in 21st Century by Nathulal Das PTTI College, Manikpur, Dafahat, Murshidabad in September 2017.
- Presented a paper "Dare to Be Different": A Constructive Study of Linking Human Resource Practices and Innovation Performance XIX Annual International Conference in collaboration with Delhi Technological University, (DTU), Delhi on the broad theme "Managing Digital Revolution: Inventing Future India in January 2018.

# 6. Extension Lectures Delivered :

# Dr. Sunita Tanwar

- Innovative Tools of teaching learning and Ethical issues in Academic Writing under Faculty Development Programme in Department of Education, CUH
- Ethical issues in Academic Writing and Innovative teaching learning techniques National Lecture Orientation Programme in Jammu University 23-12-2017.

# Dr. Ajai Pal Sharma

• Delivered an extension lecture on 23.02.2018 at Govt. PG College Ateli on the topic "Social Networking - A New Trend of Marketing".

# 7. Organized - Seminars/ Conferences/ Workshops :

- Contributed as Conference Director of International Conference on 'Sustainable Development through Cooperatives' organized by Central University of Haryana in association with NCUI, New Delhi (Mar 27-28 2018)
- Organized international Yoga Day at Central University of Haryana June 2017 under the aegis of MHRD
- Organized rallies and training session on Digital Financial Literacy under VISAKA program(an MHRD initiative) in eight CUH adopted villages

# 8. Research Projects :

Sl. No.	Name of the Principal Investigator and Co-Investigator	Title of the Project	Year of Award		Funding Agency	Project Grant	Duration of Project	Status of the Project (Complete/ Ongoing )
1.	Dr. Ajai Pal Sharma	Impact of PRIs in Rural Transformation: A Study of Selected Districts of Haryana State	2016	Sponsored	ICSSR	9 lakh	2 Year	Completed
2.	Dr. Sunita Tanwar	Entrepreneurship Awareness Camp	2017- 18	Sponsored	DST NIMAT	1,20,000/-	2017-18	Completed

# 9. Students' Achievements:

- NET/JRF Qualified: 4
- M.Phil. and Ph.D. Awarded: 1
- Placements/ selected for higher studies : 12/5

# 10. Major Events, Activities or Extra Curricular Activities :

• Department of Management Studies, Organized an International Conference on "Sustainable Development through Cooperatives" on 26-27 March, 2018 in Association with NCUI Delhi.

# **Department of Commerce**

# **1.Students Enrollment**

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.Com.	40	34
2.	Ph. D.	4	4

# 2. Faculty Profile

SI. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Suman	Asst. Prof.	Ph.D.	4.3	Finance and HRM
2.	Dr. Ravinder Kaur	Asst. Prof.	Ph.D.	4.3	Finance and Marketing
3.	Mr. Sachin	Asst. Prof.	M.Com.	6.8	Finance and Accounting

# 3. Research Publications :

# Articles & Research Papers:

# Dr. Ravinder Kaur

• Dr. Ravinder Kaur (2017), Digital Empowerment: Probable Boon for Skilled Workforce in India, *MERC Global's International Journal of Social Science & Management*, pp- 52-56.

# 

# Dr. Suman

- Paper presentation on "Cyber Crime as a growing Challenge" in international conference on Role of Digitalization in Sustainable Development: A Global Perspective organized by Department of Education, MDU, Rohtak from 16-17 September 2017
- Paper presentation on "Emerging Qualitative Education in Haryana" in National Seminar on "Inclusive and qualitative expansion of higher education in Haryana" organized by School of Education and Department of Education, CUH, Mahendergarh from 15-16 October, 2017
- Contributed a paper on "Cashless Economy: Challenges and Opportunities" at 70<sup>th</sup> All India Commerce Conference of Indian Commerce Association organized by faculty of commerce and management, The IIS University, Jaipur from 12-14 October 2017.
- Paper presentation on "Education Beyond Brick and Mortar System: Challenges and Prospects" in National Seminar organized by School of Education and Department of Education, CUH, Mahendergarh from 15-16 October, 2017

# Dr. Ravinder Kaur

- Presented paper on GST: A Step Towards E-Governance in India in International conference on Role of Digitalization in Sustainable Development: A Global Perspective organized by Department of Education, Maharshi Dayanand University, Rohtak from September 16-17, 2017.
- Presented paper on Inclusive Education for Nation Building: An Assessment in India in National seminar on Inclusive Education: Past, Present and Future Organized by Department of Education, Central University of Haryana, Mahendergarh from 28 February, 2017.
- Presented paper on Goods and Services Tax: Awareness, Acceptance and Growth in Indian Economy in national seminar on Paradigm Shift in Goods & Service Tax: Implications and Challenges Organized by

Department of Commerce, Govt. College, Ateli, Mahendergarh from February 18, 2017.

# Mr. Sachin

- Paper presentation on "Cashless Economy: Challenges and Opportunities" at 70<sup>th</sup> All India Commerce Conference of Indian Commerce Association organized by faculty of commerce and management, The IIS University, Jaipur from 12-14 October 2017.
- Participated in 70<sup>th</sup> All India Commerce Conference of Indian Commerce Association organized by Faculty of Commerce and Management, The IIS University, Jaipur from 12-14 October 2017.
- Attended National Workshop on Statistical Techniques and Data Analysis using R from 19-23 March 2018 organized by Department of Statistics, Central University of Haryana.

# 5. Extension Lectures Delivered :

# Mr. Sachin

- Lecture delivered on the topic "Schemes of assistant and support available from the government" in the Entrepreneur Awareness Camp held at Central University of Haryana, from 2<sup>nd</sup> November to 4<sup>th</sup> November 2017.
- Lecture delivered on the topic "Different Schemes provided by the MSMEs" in the Entrepreneur Awareness Camp held at Central University of Haryana, from 6<sup>th</sup> March to 8<sup>th</sup> March 2018.
- Lecture delivered on the topic "SSI Registration, including benefit to get the online certificate" in the Entrepreneur Awareness Camp held at Central University of Haryana, from 6<sup>th</sup> March to 8<sup>th</sup> March 2018.

# 6. Students' Achievements:

• NET/JRF Qualified: 11

# 7. Major Events, Activities or Extra Curricular Activities :

- Organized extension lecture on the topic "E-Commerce Framework: Security issues and Business models in e-commerce" in the department by inviting Prof. Anil Khurana, DCRUST, Sonepat on 13<sup>th</sup> October, 2017.
- Organized extension lecture on the topic "GST: Issues and Challenges" in the department by inviting Prof. Karampal, GJUST, Hisar on 30<sup>th</sup> October, 2017.
- Organized extension lecture on the topic "Transportation Problem in OR" in the department by inviting Prof. Tika Ram, GJUST, Hisar on 23<sup>rd</sup> March, 2018.
- Pre & Post Budget Discussions in the Department on Union Budget 2018.

# **School of Chemical Sciences**

# **Department of Chemistry**

# **1.Students Enrollment**

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.Sc.	40	42
2.	Ph.D.		2

# 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Professor A. J. Varma	Professor	Ph.D.	2	Carbohydrate polymers, Green and Sustainable Chemistry, Biomass
2.	Dr. Rajeev S. Menon	Assistant Professor	MSc., Ph.D.	2.5	Organic Synthesis, Gold Catalysis, Medicinal Chemistry
3.	Dr. Manoj K. Gupta	Assistant Professor	MSc., Ph.D.	2.5	Synthetic Methodology, Natural Products, Chemical Biology
4.	Dr. Prakash Kanoo	Assistant Professor	MSc., Ph.D.	2.5	Metal Organic Frameworks, Crystal Engineering, Supramolecular Chemistry
5.	Dr. Azaj Ansari	Assistant Professor	MSc., Ph.D.	2.5	Computational Chemistry, Organometallic Chemistry
6.	Dr. Selvakumar Sermadurai	Assistant Professor	MSc., Ph.D.	2.5	Asymmetric Synthesis, Hypervalent iodine reagents, Modern methods of oxidation

# 3. Research Publications :

# Articles & Research Papers:

# Dr. Rajeev S. Menon:

• Nucleophile-initiated Catalytic and Multicomponent Reactions; Nair, V.; Menon, R. S. *Chemical Records*2018, *18*, 1. Published by The Chemical Society of Japan & Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, impact factor=4.891).

# Dr. Manoj K. Gupta:

- A Highly Efficient NHC-Catalyzed Aerobic Oxidation of Aldehydes to Carboxylic Acids by Khatana, A. K.; Singh, V.; Gupta, M. K.; Tiwari, B. *Synthesis*, 2018, DOI: 10.1055/s-0037-1610069)
- Synthesis of the quorum sensing molecule Diffusible Signal Factor using the alkyne zipper reaction by Kumar, V. P.; Gupta, M. K.; Horgan, C.; O'Sullivan, T. P. *Tetrahedron Lett.*, 2018, *59*, 2193-2195.
- Modulation of antibiotic sensitivity and biofilm formation in *Pseudomonas aeruginosa* by interspecies diffusible signal factor analogues by An, S.; Murtagh, J.; Twomey, K. B.; Gupta, M. K.; O'Sullivan, T. P.; Ingram, R. *bioRxiv*, 2018, 291260.
- Asymmetric Peroxidation of, β-Unsaturated Aldehydes under Diarylprolinol Ether Catalysis by O'Reilly, K.; Gupta, M. K.; Gandhi, H.; Kumar, V. P.; O'Sullivan, T. P. *Current Organic Chemistry*, 2017, *21*, 2013-2016.

• Advances in the synthesis of acyclic peroxides by Gandhi, H.; O'Reilly, K.; Gupta, M. K.; Horgan, C.; O'Leary, E. M.; O'Sullivan, T. P. *RSC Advances*, 2017, *7*, 19506-19556.

### Dr. Azaj Ansari:

• Axial vs. Equatorial Ligand Rivalry in Controlling the Reactivity of Iron (IV)-Oxo Species: Single-State vs. Two-State Reactivity) Kumari, R.; Ansari, A.; Rajaraman, G. Chemistry European Journal 2018, 24, 6818. (Impact Factor = 5.317)

# Dr. Selvakumar S.

• Valorization of 2,5-Furandicarboxylic acid. Diels-Alder reactions with benzyne; Serum, E. M.; Selvakumar, S.; Zimmermann, N.; Sibi, M. P. Green Chem., 2018, 20, 1448. Published by The Royal Society of Chemistry, Impact factor = 8.586)

# **Chapters in Book:**

# Dr. Prakash Kanoo

• Gated and Stepwise Sorption Processes in Functional Metal-organic Frameworks, P. Kanoo, R. Haldar, P. Sutar, A. Chakraborty and T. K. Maji, May 2017, Print ISBN: 978-1-78262-540-7 published by the *Royal Society of Chemistry*)

4. Paper Presentation in National & International Seminars /Conferences Workshops :

# Dr. Azaj Ansari:

• Poster Presentation in "8<sup>th</sup> Asia Pacific Conference on Theoretical and Computational Chemistry", Indian Institute of Technology Bombay, Mumbai, India, 15<sup>th</sup> -17<sup>th</sup> December 2017.

# 5. Lectures delivered as a Resource Person :

# Dr. Rajeev S. Menon:

- Invited lecture in International Conference on "*Emerging trends in drug development and natural products*" organized by Department of Chemistry, Delhi University, 12-14<sup>th</sup> January, 2018.
- Invited lecture in Professor R. H. Sahasrabudhey Birth Centenary Symposium organized by CSIR-NIIST, Trivandrum, 15<sup>th</sup> December, 2017.

Sl. No.	Name of the Principal Investigator and Co-Investigator	Title of the Project	Year of Award	Nature of Project (Sponsored/ Consultancy)	Funding Agency	Project Grant	Duration of Project	Status of the Project (Complete/ Ongoing )
1.	Dr. Rajeev S. Menon	Exploiting the synthetic potential of unsaturated sulfones in heterocyclic construction and alkaloid synthesis	2017	Sponsored	DST- SERB, New Delhi	Rs. 43.12 lakhs	3 Years	On going
2.	Dr. Manoj K. Gupta	Towards the total synthesis of bioactive natural products: New drug discovery and development	2017	Sponsored	UGC	Rs. 10 lakhs	3 Years	On going
3.	Dr. Prakash Kanoo	MoS <sub>2</sub> /S <sub>4</sub> integrated porous surfaces for catalytic hydrogen generation via water splitting	2017	Sponsored	,	Rs. 39.99 lakhs	3 Years	On going

# 6. Research Projects :

# 7. Students' Achievements:

- NET/JRF Qualified: 7
- Placements/ selected for higher studies : 4
- Competitive Exam Qualified: 2

# 8. Major Events, Activities or Extra Curricular Activities :

• National Science Day 2018 organization (along with other Science Departments)

# **School of Computer Science and Informatics**

# **Department of Computer Science and Information Technology**

# **1.Students Enrollment**

Sl. No.	Name of the Programme	Intake Capacity	No. of Students
1.	MCA(3yrs.)	40	25

# 2. Faculty Profile

SI. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Mr. Vijay Kumar	Assistant Professor*	B.Tech. M. Tech.	4.0	Wireless Sensor Networking
2.	Ms. Neha Yadav	Assistant Professor*	M. Tech.	3.6	Machine Translation, Natural Language Processing

\* On contractual basis

# 3. Research Publications :

# Articles & Research Papers:

- Neha Yadav, "Applications associated with Morphological Analysis and Different Approaches Used" International Journal of Scientific & Technology Research, Volume 6, Issue 08, 2017
- Vijay Kumar, A review on p2p contents sharing in MANET, IJIEASR, vol. 6, may 2017

# 4. Students' Achievements:

- Sudha Verma got the First Prize in slogan writing competition organized by N.S.S.
- Ram Kumar Gupta, Awarded by MHRD (Govt. of India) as best Volunteer for *Vittiya Saksharta Abhiyan* at National level.
- Ram Kumar Gupta got the 1<sup>st</sup> prize for Elocution Contest on *National Handloom Day* organized by *Govt. of India in CUH.*
- Ram Kumar Gupta achieved 1<sup>st</sup> Prize for Photography with Caption writing competition organized by Tour *and Travels Govt. of India and DTHM, CUH.*
- Ram Kumar Gupta achieved 3<sup>rd</sup> prize in Banking Awareness program, which is jointly organized by CUH and Punjab National Bank.
- Ram Kumar Gupta got 1st *prize* for *ColaZe Making in Media Fest* organized by MJMC, CUH.
- Ram Kumar Gupta secured  $2^{nd}$  prize for *Mobile Photography* contest organized by MJMC, CUH.
- Ritika Kumari, got the 2nd prize in Photography Presentation organized by DTHM, CUH.
- Ritika Kumari, got 3rd prize in slogan writing, organized by MJMC Dept. CUH
- Abhishek Tiwari got the  $2^{nd}$  prize in Photo Caption writing, organized by DTHM, CUH.
- Nidhi Sharma, got the 1<sup>st</sup> PRIZE in Painting Competition organized by DTHM, CUH.
- Mayank Kumar secured  $2^{nd}$  Prize in Photography with Presentation in DTHM, CUH.

- a) Placements details of 2016-17 pass out batch:
- 2 students placed at Reppify Pvt. Ltd.
- 1 student placed at In2IT Technologies Pvt. Ltd.
- 3 students placed at DARCL Logistics Ltd.
- 2 students placed at Amber Websoft Pvt. Ltd.
- b) Other Achievements (Internship details of 2016-17 pass out batch):
- 1 students completed 6 month internship at ISRO Ahmadabad
- 3 students completed 6 month internship at ONGC
- 9 students completed 6 month internship at C-DAC Mohali
- 2 students completed 6 month internship at Reppify Pvt. Ltd.
- 5 students selected for 6-month internship at ONGC.
- 5. Major Events, Activities or Extra Curricular Activities Conducted/Organized by the Department:
  - One day workshop on "*Python Beginners Level*" was organized by Department of Computer Science & Information Technology on 4th Feb 2017 at Central University of Haryana.
  - One day workshop on "*Resume Writing & Soft Skills*" was organized by Career Counselling and Placement cell in association with Department of Computer Science & Information Technology jointly on April 21st, 2017 by eminent Professor Dr. Ekta R. Chauhan at Central University of Haryana.
  - Two days workshop on "*Android Application Development* "was organized by Department of Computer Science & Information Technology on 7th and 8th November 2017 at Central University of Haryana.
  - Two days workshop on "Server side scripting languages with SEO "was organized by Department of Computer Science & Information Technology on 23th and 24th April 2018 at Central University of Haryana.

# **Department of Library and Information Science**

#### **1.Students Enrollment**

Sl. No.	Name of the Programme	Intake	No. of Students
1.	Master of Library and Information Science (M. Lib. & Info. Sc.)	20	11

### 2. Faculty Profile

SI. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Pawan K. Saini	Assistant Professor*	Ph.D., M. Phil, M. Lib. & Info. Sc. and PDCA	4.3	Information Seeking Behaviour, Library cataloguing, Social Networking Tools, and Near Filed Communication (NFC)
2.	Ms. Sapna Devi	Assistant Professor*	NET, M. Lib. & Info.Sc.	1.4	Digital Preservation and Metadata
3.	Mr. Amit	Assistant Professor*	NET, M. Lib. & Info. Sc.	3.0	Library Automation & Digitalization

\* On contractual basis

#### 3. Research Publications :

# Articles & Research Papers:

#### Dr. Pawan K. Saini

- Gupta, Vishnu Kumar & Saini, Pawan Kumar. (2017). Big Data: A Bird's Eye View. Indian Journal of Library and Information Science, Vol. 11, Number-I, Pp79-85. ISSN: 0973-9548.
- Gupta, Vishnu Kumar, Mishra, Reena & Saini, Pawan Kumar (2017). Bibliotheraphy: a Theraputic in Medicine. *Gyankosh: The Journal of Library and Information Management*, Vol. 8, Issue-1, Pp 32-41. ISSN: 2229-4023 (e), 2249-3182 (Online).
- Saini, Pawan Kumar & Karushik, Saurabh (2017). Use of Social Networking Tools by PG Students in School of Physical and Applied Life Sciences: A Study of Central University of Haryana, Mahendergarh. *International Journal of Information Movement*, Vol. 2, Issue-2, Pp 107—114. ISSN: 2456-0553 (Online).
- Saini, Pawan Kumar, Kushwaha, J.K & Mohanta, Sourav Kumar (2017). Job Satisfaction among the Library Professionals: A survey of University Libraries in Haryana. *International Journal of Information Movement*, Vol. 2, Issue-3, Pp 37—44. ISSN: 2456-0553 (online).
- Sapna, Karushik, Saurabh & Saini, Pawan Kumar (2017). Green Libraries: Need of 21 Century *International Journal of Information Movement*, Vol. 2, Issue-3, Pp 79—84. ISSN: 2456-0553 (online).

#### MS. Sapna

- Sapna, Karushik, Saurabh & Saini, Pawan Kumar (2017). Green Libraries: Need of 21 Century *International Journal of Information Movement*, Vol. 2, Issue-3, Pp 79—84. ISSN: 2456-0553 (online).
- Sapna, Karushik, (2017). Information Retrieval and Web Search. *International Journal of Information Movement*, Vol. 2, Issue-3, Pp 85—89. ISSN: 2456-0553 (online)

#### Chapters in Book:

#### Dr. Pawan K. Saini

- Saini, Pawan Kumar & Mohanta, Sourav Kumar (2017). Uses and Impact of Internet and Wi-Fi Services in the Central University of Haryana, India: A case study. Vinay Singh Khasayap, Rajkumar Bhaker&Bhoop Singh (Eds.), Role of Library Professional in Digital Environment (pp.80-88). Jaipur: RBSA. ISBN: 978-81-7611-758-6.
- Sapna & Saini, Pawan Kumar (2017). Digital Preservation and Metadata. In Roshan Lal, Rajkumar Bhakar, Anita Jain & Vineet Khanna (Eds.), Emerging and Innovative Technology Application in Libraries and Information Centers (pp.96-100). Jaipur:Ashriwad. ISBN: 978-81-904396-9-5.

#### 4. Paper Presentation/Participation in National & International Seminars /Conferences Workshops :

#### Dr. Pawan K. Saini

- Two Days National Workshop on "Administrative & Ministerial Staff" on 13<sup>th</sup>-14<sup>th</sup>February, 2018 at Central University of Haryana, Mahendergarh.
- One Day Vice Chancellors Colloquium on the theme "Sharing Resources for Quality Higher Education and Research" on 14<sup>th</sup>- October, 2017 at Central University of Haryana, Mahendergarh.

#### 5. Students' Achievements:

• NET/JRF Qualified : NET- 2 and JRF- 1

#### **Placements:**

•	Name of the student	: Saurav Kumar Mohanta
	Name of the Organization	: Tezpur University, Assam
	Designation	: Library Assistant
	Salary package	: 2.60 lacs
٠	Name of the student	: Nikhil
	Name of the Organisation	: Haryana Police, Govt. of Haryana
	Designation	: Librarian
	Salary package	: 3 lacs
•	Name of the Student	: Suprita
	Name of the Organisation	: K Secondary School Rewari, Haryana
	Designation	: Assistant Librarian
	Salary package	:1.5 lacs
•	Name of Student	: Sunil Kumar
	Name of Organization	: Govt. P. G. College, Mahendergarh
	Designation	: Assistant Librarian
	Salary package	: 2 lacs
ide	nts onted Higher Studies:	

#### **Students opted Higher Studies:**

•	Name of the Student	: Rohit
	Name of the Organisation	: Central University of Gujarat
	Name of the Course	: Doctor of Philosophy (PhD)
•	Name of the Student	: Khusbu Thakur
	Name of the Organisation	:Babasaheb Bhimrao Ambedkar University [BBAU], Lucknow
	Name of the Course	: Doctor of Philosophy (PhD)

#### 6. Other Achievements:

• Internship Program- All the 3<sup>nd</sup> Semester Students of 2017-18 batches, have completed one month internship in different University Libraries in July 2017 such as Delhi University Library System, Central University of Haryana and University of Rajasthan, Jaipur

# 7. Major Events, Activities or Extra Curricular Activities :

- Librarians' Day: Department has celebrated the Librarians' Day on the August 12, 2017 on the occasion of 125<sup>th</sup> Birth Anniversary of Dr. S. R. Ranganathan.
- The Department has presented "Green Library Model" on National Science Day- 28 February 2018.

# **School of Physical and Mathematical Sciences**

# **Department of Physics**

### 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M. Sc.	40	35

#### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Nawal Kishore	Professor**	Ph.D.	36	Experimental Physics and Materials Science
2.	Dr. Aditya Saxena	Associate Professor#	Ph.D.	10	Condensed Matter Physics
3.	Dr. Jaswant Kumar	Assistant Professor*	Ph.D.	3	Astrophysics & Cosmology (Theory)
4.	Dr. Maheshwary	Assistant Professor*	Ph.D.	2	Material Science & Luminescent Nano-material (Experimental)
5.	Dr. Hempal Singh	Assistant Professor*	Ph.D.	2	Condensed Matter Physics (Theory): High Temperature Superconductivity
6.	Dr. Ashish Kumar	Assistant Professor*	Ph.D.	2	Theoretical/Computational Atomic Physics

\*\* Acamamic Consultant

\*On contractual basis

#On Deputation

# 3. Research Publications :

# Articles & Research Papers:

- Physical, Structural and Optical characterization of silicate modified bismuth borate tellurite glasses by Neelam Berwal, Sunil Dhankhar, Preeti Sharma, R.S. Kundu, R. Punia, Nawal Kishore, J. of Molecular Structure, 1127, 636-644(2017).
- Influence of thickness and wavelength on laser damage threshold of SiO<sub>2</sub> and multilayer TiO<sub>2</sub>/SiO<sub>2</sub> thin film by Sunil Kumar, Ajay Shankar, and Nawal Kishore, Journal of Integrated Science and Technology, 6, 13(2018)
- Interactions of galaxies outside clusters and massive groups by Jaswant Yadav, Xuelei Chen, Journal of Astrophysics and Astronomy, 39, 31 (2018).
- Low-amplitude clustering in low-redshift 21-cm intensity maps cross-correlated with 2dF galaxy densities, C. J. Anderson, N. J. Luciw, Y. –C Li, Y Kuo, J. Yadav, W. Masui, T. –C Chang, X. Chen, N. Oppermann, Y. –W Liao, Royal Astronomical Society, 476, 3382(2018).
- Modern Approach to Optical Absorption in Cuprate Super conductors by Hempal Singh and B. D. Indu, International Journal of Theoretical Physics, 56, 3311 (2017).

- The Modified Born-Mayer Potential in Layered-Cuprate-High-Tc Superconductors: An Analytic Approach, Hempal Singh and B. D. Indu, International Journal of Innovative Research in Science, Engineering and Technology, 6, 14541 (2017).
- Computational method of galaxy formation in standard model of cosmology By Jaswant K Yadav, Int. Journal of Advanced Research in Computer Science, 8, 632(2017)
- Reviewing the multifractal nature of clustering of galaxies in the universe By Jaswant K. Yadav, Int. Journal of Advanced Research in Computer Science, 7, 943(2017)

### **Books:**

Ashish Kumar, 'Photoionization Dynamics of Some Free and Confined Atomic Systems', Lambert Academic Publishing, ISBN no. 978-613-9-85369-4 (2018)

# 4. Students' Achievements: NET/JRF Qualified:

- BabluMeena (GATE)
- Aayushi Jain (GATE)
- Ashok Kumar Kumawat (GATE)
- Shalu (GATE-AIR-150)
- Waseem UlHaq (JRF)
- Mamta Yadav (JRF)
- Pankaj Bharti (JRF,GATE)
- Sonu Kumar (NET)
- Manisha Yadav (GATE)
- Bhawani (JEST)
- Arun Kumar (JRF)
- DebashriMahana (JRF)
- Deepak Yadav (NET)
- Satender Yadav (NET)

# Placements/ selected for higher studies :

- Ashish Modak: got admission in Ph.D. at IISER, Bhopal
- Vikas Yadav: got admission in Ph.D. at Central University of Rajsthan.
- Jyoti Yadav: Faculty at IG University, Meerpur, Rewari.
- Harkrishan: Delhi Police as Sub Inspector
- Jogender: Sub Inspector in CISF.
- Manisha Yadav: Selected for Ph.D. NIT Jalandhar
- DebashritaMahana : Selected for Ph.D. NPL New Delhi.
- Radha: Delhi Police as Constable.
- 5. Major Events, Activities or Extra Curricular Activities Conducted/Organized by the Department: Extension Lectures:
  - Prof. Vinay Gupta: Nanomaterials and Applications, 31<sup>st</sup> July, 2017
  - Dr. Sanil Unnikrishana, St. Stephan College, Delhi University, Accelerating expansion of Universe, 25<sup>th</sup> August 2017.

# **Department of Mathematics**

#### **1. Students Enrollment**

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.Sc.	40	42

### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Rajesh Kumar Gupta	Associate Professor	Ph.D.	13	Nonlinear PDE
2.	Dr. Sharanjeet Dhawan	Assistant Professor*	Ph.D. Postdoc	6	Numerical Analysis
3.	Dr. Vikash Siwach	Assistant Professor*	Ph.D.	2.5	Knot Theory(Topology)
4.	Dr. Arun Kajla	Assistant Professor*	Ph.D.	2	Approximation Theory
5.	Dr. Garima Tomar	Assistant Professor*	Ph.D.	5	Complex Dynamics

\*On contractual basis

# 3. Research Publications :

# Articles & Research Papers:

- Arun Kajla, the Kantorovich variant of an operator defined by D. D. Stancu, Appl. Math. Comput. 316 (2018) 400-408.
- Arun Kajla and TuncerAcar, A new modification of Durrmeyer type mixed hybrid operators, Carpathian J. Math. 34(1)(2018)47-56.
- Arun Kajla and TuncerAcar, Blending type approximation by generalized Bernstein-Durrmeyer type operators, Miskolc Mathematical Notes 19(1)(2018)319-336.
- Arun Kajla and Serkan Araci, Blending type approximation by Stancu -Kantorovich operators based on Polya-Eggenberger distribution, Open Phys. 15 (2017) 335-343.
- Arun Kajla, Approximation properties of generalized Szasz type operators, Acta Math Vietnam (2018) doi.org/10.1007/s40306-018-0253-4
- Arun Kajla and Meenu Goyal, Modified Bernstein-Kantorovich operators for functions of one and two variables, Rend. Circ. Mat. Palermo, II. Ser. 67 (2018) 379-395.
- Garima Tomar, "On the dynamics of composition of transcendental entire functions in angular region-II", Journal of the Indian Mathematical Society, 84 (2017), 287-296.
- V. Siwach and P. Madeti, On Minimal Unknotting Crossing Data for Closed Toric Braids, Kyungpook Mathematical Journal, UGC Sr. No. 6764, ISSN 0454-8124, Vol 57, 331-360, 2017.
- T AK, S Dhawan, B Inan, ``Numerical solutions of the generalized Rosenau-Kawahara-RLW equation arising in fluid mechanics via B-spline collocation method", International Journal of Modern Physics C, Accepted, 2018.
- Turgut AK, HouriaTriki, S Dhawan, Kutsi S. Erduran, ``Theoretical and numerical investigations on solitary wave solutions of Gardner equation", The European Physical Journal Plus}(Springer), 133(9), 2018.
- Muhammad Nasir Ali, Syed Muhammad Husnine, AsitSaha, S K Bhowmik, S Dhawan, Turgut AK, ``Exact solutions, conservation laws, bifurcation of nonlinear and supernonlinear travelling waves for Sharma-Tasso-Olver equation", Nonlinear Dynamics (Springer) 94 (2018) 1791–1801.
- Turgut AK, HouriaTriki, S Dhawan, Samir Kumar Bhowmik, Seithuti Philemon Moshokoa, Malik Zaka Ullah, Anjan Biswas, "Computational Analysis of Shallow Water Waves with Korteweg-de Vries Equation", Scientia Iranica B, 25(5) (2018) 2582-2597.
- Turgut AK, S Dhawan, "A practical and powerful approach to potential KdV and Benjamin equations", Beni-Suef University Journal of Basic and Applied Sciences (Elsevier) 6 (2017) 383-390.
- Turgut AK, S Dhawan, S. Battal Gazi Karakoc, Samir Kumar Bhowmik and Kamal R. Raslan, "Numerical Study of Rosenau-KdV Equation Using Finite Element Method Based on Collocation Approach", Mathematical Modelling and Analysis (Taylor & Francis) 22 (2017) 373-388.
- 4. Paper Presentation in National & International Seminars /Conferences Workshops:
  - Garima Tomar, presented a paper entitled *"On Triangulation of Spider's web"* in ICRAM-2018 at Aggarwal College, Ballabgarh during 17-18 February, 2018.
  - Vikash Siwach, presented a paper entitled "*Approximation of wild knots by rational knots*" in ICRAM-2018 at Aggarwal College, Ballabgarh during 17-18 February, 2018.

## 5. Students' Achievements:

- NET/JRF Qualified: 4
- Placements/ selected for higher studies : 4

## 6. Major Events, Activities, or Extra Curricular Activities :

• Sports Day on 28/09/2017 on the birthday of S. Bhagat Singh.

## **Department of Statistics**

#### 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M. Sc.	45	37
2.	Ph.D.	4	2

#### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Devendra Kumar	Assistant Professor	M.Sc., M.Phil., Ph.D.	6	Order Statistics, Record Values, Distribution Theory and Bayesian Inference
2.	Dr. Kapil Kumar	Assistant Professor	M.Sc., M.Phil., Ph.D., NET	6	Reliability and Life Testing, Bayesian Inference
3.	Dr. Manoj Kumar	Assistant Professor	M.Sc., M.Phil., Ph.D.	4	Bayesian Inference, Survival Analysis

#### 3. Research Publications :

### Articles & Research Papers:

## Dr. Devendra Kumar

- Kumar, D. and Kumar, M. (2018). A New Generalization of the Extended Exponential Distribution with an Application, *Annals of Data Sciences*, (To appear).
- Nassar, M., Dey, S., and Kumar, D. (2018): Logarithm Transformed Lomax Distribution with Applications, *Calcutta Statistical Association Bulletin*, (To appear).
- Kumar, D. and Dey, S., Nassar, M. and Yadav, P. (2018): The recurrence relations of order statistics moments for power Lomax distribution, *Journal of Statistical Research*, 52, 75-90.
- Dey, S., Nassar, M. and Kumar, D. (2018): Alpha power transformed inverse Lindley Distribution: A distribution with an upside-down bathtub-shaped hazard function, *Journal of Computational and Applied Mathematics*, 348, 130-145.
- Dey, S., Moala, F. A. and Kumar, D. (2018). Statistical Properties and Different Methods of Estimation of Gompertz Distribution with Application, *Journal of Statistics and Management Systems*, 21, 839–876.
- Farooqi, M. S. and Kumar, D. (2018): Moment generating functions of generalized exponential distribution based on lower generalized order statistics, *International Journal of Agricultural and Statistical Sciences*, 14, 165-174.
- Kumar, D., Dey, S., Malik, M.R. and Al-Aboud, F. M. (2018): Moment generating functions of complementary exponential-geometric distribution based on *kth* Lower Record Values, *Journal of Modern Applied Statistical Methods*, 17, 1-21.
- Kumar, D. and Jain, N. (2018): Power generalized Weibull distribution based on generalised order statistics, *Journal of Data Science*, 16, 621-646.
- Nassar, M. Dey, S. and Kumar, D. (2018): A New Generalization of the Exponentiated Pareto Distribution with an Application, *American Journal of Mathematical and Management Sciences*, 37(3), 217-242.

- M, Afify, M. Z., Dey, S. and Kumar, D. (2018). A New Extension of WeibullDistribution: Properties and Different Methods of Estimation. *Journal of Computational and Applied Mathematics*, 336, 439-457.
- Kumar, D. andKumar, M. (2018): Record values from exponentiated Pareto type I distribution and associated inference, *Model Assisted Statistics and Applications*, 13, 19-43.
- Malik, M.R. and Kumar, D. (2018): Relations for moments of progressively type-II Right censored order statistics from Erlang-truncated exponential distribution, *Statistics in Transition new series*, 18, 65-668.
- Kumar, D., (2017): The Burr type XII distribution with some statistical properties, *Journal of Data Science*, 15, 509-533.

## Dr. Kapil Kumar

- Kumar K. (2018). Classical and Bayesian Estimation in Log-Logistic Distribution under Random Censoring. International Journal of System Assurance Engineering and Management. 9(2), pp. 440-451.
- Kumar K., Garg R. and Krishna H. (2017). Nakagami Distribution as a Reliability Model under Progressive Censoring. International Journal of System Assurance Engineering and Management. 8(1), pp. 109-122.

#### Dr. Manoj Kumar

- Kumar, D. & Kumar, M. A New Generalization of the Extended Exponential Distribution with an Application", has been accepted for publication in Annals of Data Science, 2018.
- Kumar M., Singh S., Singh U. Bayesian inference for Poisson-inverse exponential distribution under progressive type-II censoring with binomial removal, International Journal of System Assurance Engineering and Management, 9(1), 1-15, 2018.
- Kumar D., Kumar M. Record Values from Exponentiated Pareto Type I Distribution and Associated Inference, Model Assisted Statistics and Applications, 13(1), 19-43, 2017.
- Kumar D., Kumar M., Saran J., Jain N. The Kumaraswamy-Burr III Distribution Based on Upper Record Values, American Journal of Mathematical and Management Sciences, 36(3), 205-228, 2017.

## 4. Paper Presentation in National & International Seminars /Conferences Workshops:

## Dr. Devendra Kumar

• Order statistics from Power Lindley distribution and associate inference. "National Seminar on Contemporary Issues in Maternal and Child Mortality in India" organized by SHYAM Institute Bhopal, India (January, 10-12, 2018).

#### Dr. Kapil Kumar

• Exponentiated Inverted Exponential Distribution under Random Censoring, International Conference on Recent Trends of Computing in Mathematics, Statistics & Information Technologies during March 09-11, 2018 at Bundelkhand University, Jhansi, India.

## Dr. Manoj Kumar

- Bayesian Inference for Weibull poisson model under progressive type-II censoring data with binomial removal", 2nd International Conference on "Innovative Trends in Engineering, Applied Science ans Management (ICITEASM-2018)" on 20th may 2018, Osmania University Center for International Programmes, Osmania University Campus, Hyderabad, Telangana, India.
- Empirical Bayesian estimation of the Kumaraswamy parameter and reliability function under progressively type II censored samples with binomial removal", national conference on "Bayesian Statistics and Its Emerging Application" during 13/11/2017- 15/11/2017, organized by Department of Statistics, B. H. U., Varanasi-221005.
- Bayesian estimation of the Kumaraswamy parameter and reliability function under progressively type II censored" national Conference on "Demographic Dimensions of Sustainable Development in India" during 10/01/2018-12/01/2018, Bhopal Seminar- 2018, Shyam Institute, Bhopal, MP, India.

5. Paper Participation in National Seminars /Conferences/Workshops:

#### Dr. Devendra Kumar

- One-week residential training program on official statistics from 01-05 January 2018 by National Statistical Systems Training Academy Ministry of statistics and Programme Implementation.
- National workshop on Statistical Techniques and Data Analysis with R from 19-23 March 2018 at Department of statistics, Central University of Haryana, Mahendergarh.

### Dr. Kapil Kumar

• National Workshop on "Statistical Techniques and Data Analysis using R" during March 19-23, 2018 at Department of Statistics, Central University of Haryana, Mahendergarh.

### Dr. Manoj Kumar

- National Workshop on "Statistical Techniques and Data Analysis using R" during March 19-23, 2018 at Department of Statistics, Central University of Haryana, Mahendergarh.
- National workshop on Teaching, Learningand Evaluation online with Moodle MOOC platform and open education Resources from 14-16 May 2018 at Department of Education, Central University of Haryana, Mahendergarh.

#### 6. Extension Lectures Delivered :

#### Dr. Devendra Kumar

• Delivered four lectures in a "Short Term Course on Data Analysis/SPSS and Minitab" organized by the department of Mathematics, National Institute of Technology, Hamirpur, Himachal Pradesh, India (October 09-15, 2017).

#### Dr. Kapil Kumar

• Delivered a series of lectures on the topic, "Statistical Techniques using R", in Faculty Induction Training Programme under PMMMNMTT, Central University of Haryana.

#### 7. Major Events, Activities or Extra Curricular Activities :

• National Workshop on Statistical Technics Using R.

## School of Earth, Environment and Space Studies

## **Department of Environmental Science**

#### **1.Students Enrollment**

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.Sc.	30	24

### 2. Faculty Profile

Sl. No.		Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Mona Sharma	Assistant Professor*	M.Sc., Ph.D.	6	Biofuels, Bioremediation, Wastewater treatment and Carbon sequestration using microalgae and cyanobacteria
2.	Dr. SomvirBajar	Assistant Professor*	M.Sc., Ph.D.	6	Pollution monitoring and control, Bioremediation, GHGs abatement
3.	Dr. Manoj Kumar	Assistant Professor*	M.Sc. M.Phil. Ph.D.	1.5	Hydrogeochemistry, Health Risk Assessment, Ground water pollution
4.	Dr. Alok Kumar Pandey	Assistant Professor*	M.Sc., Ph.D.	1	Atmospheric Sciences, Remote Sensing & GIS, Climatology and Meteorology, Environmental Modelling, Aerosol and Air Quality, Urban Climate

\* On contractual basis

## 3. Research Publications :

## Articles & Research Papers:

- Kumar M., Ramanathan AL. 2018. Vertical Geochemical Variations and Speciation Studies of As, Fe, Mn, Zn, and Cu in the Sediments of the Central Gangetic Basin: Sequential Extraction and Statistical Approach. Int. J. Environ. Res. Public Health. 15(2), 183. (DOI: 10.3390/ijerph15020183). ISSN 1660-4601 [MDPI]. (IF 2.101)
- Singh, A., Bajar, S., and Bishnoi, N R. 2017. Physico-chemical pretreatment and enzymatic hydrolysis of cotton stalk for ethanol production by Saccharomyces cerevisiae. Bioresource Technology 244: 71-77 [IF: 5.651].
- Bajar, S., Singh, A., Kaushik, C.P., Kaushik, A. 2017. Statistical assessment of dumpsite soil suitability to enhance methane bio-oxidation under interactive influence of substrates and temperature. Waste Management 63: 188-195 [IF: 4.030].
- Kumar M., Ramanathan AL, Tripathi R. Farswan S, Kumar D. Bhattacharya P. 2017. A study of trace element contamination using multivariate statistical techniques and health risk assessment in groundwater of Chhaprola Industrial Area, Gautama Buddha Nagar, Uttar Pradesh, India. Chemosphere. 166; 135–145. DOI http://dx.doi.org/10.1016/j.chemosphere.2016.09.086. ISSN: 0045-6535 [Elsevier] (IF 4.208)

- Dash, R.K, Ramanathan, A.L., Yadav, S.K., Kumar, M., Kuriakose, T., Gautam, Y.P. 2017. Uranium in groundwater in India: A review. Journal of Applied Geochemistry, Hyderabad. 19 (2); 138-144 Indian Society of Applied Geochemists (ISAG).
- Mohan, V., Deepak, B. Mona, S. 2017. Reduction and Management of Waste in Hotel Industries. International Journal of Engineering Research and Application 7(7): 20-25
- Deepak, B., Nidhi, Y., Munish, B., Bishnoi, N. R., Mona, S. 2017. Energy Management Practices in an Autoancillery to Reduce Carbon Footprints for Environmentally Sustainable Manufacturing, International Journal of Engineering Research and Application 7(7): 20-25
- Bhardwaj, P., Pandey, A.K., Kumar, K., Jain, V.K. 2017. Seasonal variability of aerosols and their characteristics in urban and rural locations of Delhi-NCR, Proc. SPIE 10431. Remote Sensing Technologies and Applications in Urban Environments II. 1043109; http://dx.doi.org/10.1117/12.2278506.

## **Chapters in Book:**

- Bajar, S., Singh, A., Kaushik, C.P. and Kaushik, A. 2017. Selective Screening of Significant Factors to Investigate Methane Bio-oxidation using Saw Dust amended Dumpsite Soil Biocover, Climate Change, Resource Conservation and Sustainability Strategies (Ed. Kaushik, A., Garg, J.K., Bhattacharya, P., Gupta, N.C., Singh, R. and Joshi, V.) DBH Publishers and Distributors, New Delhi (ISBN: 978-93-84871-08-6).
- Kumar, M., Yadav, A., Ramanathan, A.L. 2017. Arsenic contamination in environment, eco-toxicological and health effects and bioremediation strategies for its detoxification. In: Bioremediation of Industrial Wastes for Environmental Safety to be published by Springer international (Accepted).
- Mona, S., Kumar, V., Kaushik, A. 2017. Cyanobacteria as Eco-friendly Tool for the Treatment of Industrial Wastewaters. In Bioremediation of Industrial Wastes for Environmental Safety to be published by Springer international (Accepted).
- Mona, S., Kaushik, A. 2017. Biohydrogen Economy: Present scenario and future perspective, in: Biohydrogen Production: Sustainability of Current Technology and Future Perspective, Publisher: Springer Science + Business Media and Editors: Dr. Anoop Singh and Dr. Dheeraj Rathore (ISBN-978-81-322-3575-0 ISBN 978-81-322-3577-4 (eBook) and 253-267).
- Kaushik, A. Mona, S., 2017. Exploiting Biohydrogen Production Pathways of Cyanobacteria and Green algae: An Industrial Approach, in: Biohydrogen Production: Sustainability of Current Technology and Future Perspective, Publisher: Springer Science + Business Media and Editors: Dr. Anoop Singh and Dr. Dheeraj Rathore (ISBN-978-81-322-3575-0 ISBN 978-81-322-3577-4 (eBook) 97-113).
- Yadav, N., Tyagi, G., Yadav, R., Mona, S. 2017. Role of Microbial Exopolysaccharides in Removal of Toxins, In: Climate Change, Resource Conservation and Sustainability Strategies. Publisher: DBH Publishers and Distributors, New Delhi and Editors: Anubha Kaushik, JK Garg, P. Bhattacharya, N C Gupta, Rita Singh and Varun Joshi (ISBN- 978-934-487-1086 and 110-113).

## **Online Modues**

- Bajar, S and Singh, A (2018). Hydropower Generation-II, Water Resource and management (Ed. Subramanian, V.) E-Content prepared for ePGPathshala (a MHRD Project) for Environmental Sciences subject available at: http://epgp.inflibnet.ac.in/view\_s.php?category=275
- Singh, A and Bajar, S. (2018). Ground Water Hydrology -I, Water Resource and management (Ed. Subramanian, V.) E- Content prepared for ePGPathshala (a MHRD Project) for Environmental Sciences subject available at: http://epgp.inflibnet.ac.in/view\_s.php?category=275
- Bajar, S. and Sharma H.R. (2017). Water Related Hazards, Water Resource and management (Ed. Subramanian, V.) E-Content prepared for ePGPathshala (a MHRD Project) for Environmental Sciences subject available at: http://epgp.inflibnet.ac.in/view\_s.php?category=275
- Singh, A and Bajar, S. (2018). Glaciers, Environmental Geology (Ed. Pandey B.W.) E-Content prepared for ePGPathshala (a MHRD Project) for Environmental Sciences subject available at: http://epgp.inflibnet.ac.in/ahl.php?csrno=14

#### 4. Participation in National Seminars /Conferences/Workshops:

#### Dr. Mona Sharma

• ICSSR sponsored 2-week workshop on Capacity Building programme for faculty of all universities and colleges in the country and sponsored participants from NGOs and Government on 'social sciences approach to Disaster Research': 5<sup>th</sup> - 18<sup>th</sup> February 2018 at HRDC/JNU, New Delhi

### Dr. SomvirBajar

• Participated and deliver talk on "Institutional Networking to tackle Air Pollution Problems in NCR Region" in workshop "Networking between Delhi and NCR Districts for Fighting Air Pollution Problems in the Region" held at CSIR-NEERI, Delhi Zonal Centre, New Delhi on August 23, 2017.

#### 5. Students' Achievements:

- NET/JRF Qualified
- Placements/ selected for higher studies :1
- 6. Major Events, Activities or Extra Curricular Activities Conducted/Organized by the Department:

:5

- Organized International Earth Science Olympiad, 2018 on January 21, 2018.
- Organized National Conference on Climate Change and Sustainable Clean Environment 2017 in association with Ministry of Earth Sciences, New Delhi on November 22-23, 2017 at Central University of Haryana, Mahendergarh.
- Started organising Indian Institute of Remote Sensing EDUSAT (ISRO-IIRS EDUSAT) Programme during August, 2017 to March, 2018 at Central University of Haryana.
- Celebrated "World Environment Week -2017" held from June 04 to 09, 2017 at Central University of Haryana, Mahendergarh

#### 7. Outstanding Achievements :

- Initiate organization of International Earth Science Olympiad at Central University of Haryana to encourage student's interest and public awareness and Earth Science teaching/learning at school level.
- Dr. Manoj Kumar honored by India International Friendship Society with their most coveted institutional and globally reputed presentation of "Rashtriya Gaurav Award" along with Certificate of Excellence at a benefitting function taking place on 26th March 2018 in New Delhi.

• Initiate awareness activities on Indoor Air Pollution and E-waste Management in the rural areas.

## **Department of Geography**

#### **1.Students Enrollment**

Sl. No.	Name of the Programme	Intake of Students	No. of Students
1.	M.Sc.	40	33

### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Kheraj	Assistant Professor*	M.A. M. Phil., Ph.D.,NET	3	Population Study, Social Security, Old age, Migration, Rural Development and Environment
2.	Dr. Naresh Kumar Verma	Assistant Professor*	M.A. M. Phil., Ph.D.,NET	5	Political Geography, Geopolitics and Statistical methods in Geography

\*On contractual basis

## 3. Research Publications :

### Articles & Research Papers:

## Dr. Kheraj

- "Perception of elderly: Expectation and Reality", International Journal of Advanced Research and Development, Vol.2, Issue 3 Page 202-206, Year 2017 (ISSN 2455-4030)
- "Seasonal migration of Gujjar and Bakarwal in Poonch district of Jammu and Kashmir", International Journal of Academic Research and Development, Vol.2, Issue 4, Page 364-368, Year 2017 (ISSN 2455-4197)

## 4. Paper Presentation/Participation in National & International Seminars /Conferences/ Workshops: Dr. Kheraj

- Arya samaj ka jatipartha per prabhav' paper presented at three days national conference on the theme of 'Swami Dayanand Saraswati- Ek Krantdrasta Sansodhak', at Central University of Haryana, Mahendergarh. (16-18 February 2018)
- Participated in the One day Vice chancellor Colloquium- 'Sharing resources for quality higher education and research' by IQAC, CUH under the aegis of Pandit Mandan MoahanMalaviya National mission on teachers and teaching (PMMMMNMTT), MHRD, New Delhi. (14 October 2017)
- Participated in the national seminar on the theme of 'Inclusive and qualitative expansion of higher education in Haryana', at Central University of Haryana, Mahendergarh. (15-16 October 2017)
- Participated in the national seminar on theme of 'Climate change and agriculture: vulnerabilities, livelihood adaptation and food security' at Jawaharlal Nehru University, New Delhi. (25-26 August 2017)

#### Dr. Naresh Kumar Verma

- Attended the "Two day Workshop for Administrative & Ministerial Staff" organized by School of Education, Central University of Haryana, Under the MHRD Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Februray 13-14, 2018.
- Attended the "Two days National Workshop on Theatre in Education" organized by School of Education,

Central University of Haryana, Under the MHRD Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, May 3-4, 2018;

- Presented a paper titled "Role of Indira Aavas Yojana in Socio-economic Development of Jant Village (Haryana)" at The UGC-SAP-DRS III National seminar on Environment and Resource & Urban and Regional Planning organized by Department of Geography, Delhi School of Economics, University of Delhi, December 23-24, 2017;
- Presented a paper titled "Gender Discrimination in higher Education: An Analytical Study" at The National seminar Inclusive and Qualitative Expansion of Higher Education in Haryana Jointly Organized by School of Education & Department of Education, Under the MHRD Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, October, 14-15, 2017.

## 5. Extension Lectures Delivered :

Dr. Kheraj

• "Geography and Competitive Exams" at Govt. College, Ateli (Mahendergarh) on 21 March 2018.

## 6. Students' Achievements:

NET/JRF Qualified:

• 4 students cleared NET exam and one student Uttrakhand SET exam.

Competitive Exam Qualified:

• Two students cleared Haryana Police exam (constable) and one cleared air force exam (3<sup>rd</sup> grade)

## 7. Major Events, Activities or Extra Curricular Activities :

## Dr. Kheraj

- Extension Lecture on "Gender equity and equality on 02 May, 2017, Key Speaker: Prof. Sudesh Nangia, C.S.R.D./S.S.S.-III, J.N.U. & National Coordinator- U.G.C.-F.R.P., New Delhi
- Extension Lecture on "Significance of Regional Planning in India" on 05 October 2017, Key Speaker: Prof. Vinita Yadav, School of Planning and Architecture, New Delhi

## School of Journalism, Mass Communication and Media

## **Department of Journalism & Mass Communication**

### **1.Students Enrollment**

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.A.	20	7

## 2. Faculty Profile

SI. No.		Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Surender	Assistant Professor*	M.Phil., Ph.D., NET	9	Print Media, Community Radio
2.	Kapil Bhatia	Assistant Professor*	M.A., NET	4	Public Relations, Advertisement, Photography
3.	Alekha S. Nayak	Assistant Professor*	M.A., MPhil., NET	3	Radio and Television Production, Mass Communication and New Media
4.	Dr. Manju Kataria	Assistant Professor*	M.Sc., Ph.D., NET	2	Television, Indian Cinema and Research

\* On contractual basis

## 3. Research Publications :

## Articles & Research Papers:

## **Dr. Surender**

- Surender and Bhatia, Kapil ''सामुदायिक रेडियो स्टेशन से विकास के धूमिल होते सपने, UMRJ Volume-2, June, 2017 ISSN No. 2395-6941
- Surender and Bhatia, Kapil ''देश के विकास में सहायक सामुदायिक रेडियो स्टेशन'', UMRJ, Volume-2 October, 2017ISSN No. 2395-6941

## Mr. Kapil Bhatia

- Surender and Bhatia, Kapil ''सामुदायिक रेडियो स्टेशन से विकास के घूमिल होते सपने'', UMRJ Volume-2,June, 2017 ISSN No. 2395-6941
- Surender and Bhatia, Kapil ''देश के विकास में सहायक सामुदायिक रेडियो स्टेशन'', UMRJ, Volume-2 October, 2017ISSN No. 2395-6941

## Mr. Alekha S. Nayak

- Conflict, Unconscious Reference Sketch Of Mind And Communication, Vol. II, Issue XXXI November
   2017 ISSN No. 2395-6941, Article ID # 3511 2017, PP 47-56 Website: http://www.umrjournal.com.
- Development by Development of Digital Chetana for Satisfactory, Collective Existence: An Analytical Study on the Trend of New Media Practice, Vol. II, Issue XXIX September 2017 ISSN No. 2395-6941, Multidisciplinary Research Journal, Article ID # 50602017, Website: http://www.umrjournal.com/, Universal.

- Role of Nonverbal Feedback in Face-to-Face Oral Communication: A Theoretical Analysis, ISSN: 2394 1782 RNI: APENG/2014/57359: Desh Vikas, Volume: 4 Issue: 3 October December 2017.
- Role of I, U and T Identity with Dynamic Nature of Identity Influential Factors in the world of New Media., International Journal of Research in Social Sciences Vol. 7 Issue 10, October 2017, ISSN: 2249-2496, Impact Factor: 7.081.

## Dr. Manju Kataria

• समूह विकास कार्यक्रम और लोक मीडिया भारतीय ग्रामीण समाज के लिए एक कम्युनिकेशन मॉडल, International Journal of Creative Research Thoughts (IJCRT), Volume 6, Issue 2 April 2018 | ISSN: 2320-2882.

## Book:

## Mr. Alekha S. Nayak

• Sprinkler for CCD: An Observation on Indian Community Communication Drought, Educreation Publishing, New Delhi/India, 2017, ISBN 9781618138293.

## 4. Participation in National Seminars /Conferences/Workshops:

## Dr. Manju Kataria

• Participated in 5 days' workshop Global Initative for Acadmic Networks "Critical Perspectives on 'Inclusive Education' on October 30 to November 03, 2017 at Central University of Haryana, Mahendergarh.

## 5. Students' Achievements:

- NET/JRF Qualified: 1
- Placements/ selected for higher studies : 7

## 6. Major Events, Activities or Extra Curricular Activities :

- Phuhar: A short fiction film based on future possibilities in field of community communication which helps isolated people to reconnect with their own community member and support harmonic development among them. In one word it's an Infotainment. Various videos like trailer audition for song, making of Phuhar etc. has been uploaded on You Tube to promote the department and today these clippings have more than 4000 views. The releasing of the film is under process.
- Advertorial: A short advertorial on the occasion of National Voters Day i.e. 25<sup>th</sup> January to promote the vote casting among the voters. A fictional story was scripted and the Department's students acted the task. Alsoth entire production was done by the students of the department. At present the video has 1693 views on You Tube.
- Digital Video Logo: The students of the department has created Digital Video Logo of the University.
- News Bulletin in Virtual Studio: A virtual studio was created for CUH News bulletin in which the students anchored, reported and produced the news bulletin. At present it has 1247 You Tube views.
- CUH Wi-Fi: On the demand of existing situation of Wi-Fi network at Central University of Haryana, Mahendergarh, by MHRD, the department created a short video which is available on the home page of CUH website and this clipping has 1128 You Tube views till date.
- Educational Tour: Our students visited Chitkaar University, Chandigarh in Media Fest in which they won several awards in various competition
- Documentaries: The Final year students created various documentaries on various social issues like Food Waste, Generic Medicine, Water Crisis, Narnaul Tourism etc. CUH documentary was also produced by the department which is available on the website of the University.
- Competition: On the occasion of National Press day i.e. 16<sup>th</sup> November, the department organized 03 days Media Fest (14<sup>th</sup> to 16<sup>th</sup> Nov 17) in which various competitions like Slogan writing, Photo Caption, collage making etc. has been organized.
- Students Strength: In the last session around 140 students opted GEC courses offered by the department which in current session has been increased to 202

## School of Interdisciplinary and Applied Life Sciences

## **Department of Biochemistry**

## **1.Students Enrollment**

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.Sc.	25	21

#### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Sanjay Kumar	Assistant Professor*	Ph.D.	3	Stem Cell Therapy
2.	Dr. Vikas Yadav	Assistant Professor*	Ph.D.	2	Diabetes & Cardiovascular Disease
3.	Dr. Piyush Kumar	Assistant Professor*	Ph.D.	1	Nanomaterial

\* On contractual basis

#### 3. Research Publications :

• Neera Parmar, Saroj Dahiya, Sanjay Kumar. Changes in phytate content of newly released wheat varieties during different processing methods. Journal of nutrition and food sciences. 2017, 7:1

#### 4. Research Projects :

Sl. No.	Name of the Principal Investigator and Co-Investigator	Title of the Project	Award		Funding Agency	Project Grant		Status of the Project (Complete/ Ongoing )
1.		Role of Nuclear Receptor co-activator PGC1b in Diabetes Mediated Endothelial Cell Dysfunction and Angiogenesis		Sponsored	DBT	88 lac	2016-2021	On going

## 5. Students' Achievements:

- NET/JRF Qualified: 4
- Placements/ selected for higher studies : 1
- Competitive Exam Qualified: GATE-2

## 6. Major Events, Activities or Extra Curricular Activities :

• Two days Extension Lecture by Prof J K Batra (Former Director NII, Delhi & HOD Biochemistry, Jamia Hamdard, Delhi)

#### 7. Outstanding Achievements :

- First Batch of Biochemistry has passed out in 2017 and 4 students Qualified JRF (CSIR).
- Published total of 6 papers with CUH affiliation, all as First/Corresponding author
- Sanjay Kumar and Meenal Vaidya. *Hypoxia Inhibits Mescenchymal Stem Cell Proliferation through HIF1α* Dependent Regulation of P27. Mol Cell Biochem 2016; 415(1-2):29-38. DOI 10.1007/s11010-016-2674-5 [PMID: 26920732]
- Sanjay kumar. *Stem Cell Therapy for Cardiovascular Diseases and its major setback*. Intervention Cardiology Journal (Editorial).2016, 2:1
- Sanjay Kumar. *P53 and HICI in Brain Cancer Gliomas*. Journal of Headache and pain Management (Editorial). 2016. 2:18
- AvijitPramanikand Sanjay Kumar. Bottlenecks of Molecular Mass Determination of Oligomeric Membrane Protein Detergent Complexes and What can be achieved. Biological Systems 2016; 5:2
- Neera Parmar, Saroj Dahiya, Sanjay Kumar. Changes in phytate content of newly released wheat varieties during different processing methods. Journal of nutrition and food sciences. 2017, 7:1
- Sanjay Kumar. Viagra and other Phosphodiesterase Inhibitors: An Answer to Cardiovascular Diseases? CUH journal 2016, ISSN:2348 3377
- One recently published research article (MCB) of CUH affiliation is cited 17 times so far
- Editorial board member of 10 International journalsand also Reviewer of some journals
- Nominated Best paper (Molecular Biotechnology) among selected top 20 papers, published in last 2 year in a domain (Springer; BiomedL)
- Invitations from International conferences to Chair the Session & Guest speaker (Barcelona, Spain; Chicago, US; Manchester, UK; Hong Kong; California, US etc.)
- One International Collaboration: Dr. Sanjay Kumar and Dr. Ha Won Kim (MCG, Augusta University, US).

## **Department of Biotechnology**

#### 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.Sc.	25	23
2.	Ph.D.	4	4

#### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Kashyap Kumar Dubey	Associate Professor	Ph.D.	11	Bioprocess Engineering
2.	Dr. Rishi Gupta	Assistant Professor*	Ph.D.	2.5	Lignocellulosic Biotechnology and Bioethanol Production
3.	Dr. Meenu Goyal	Assistant Professor*	Ph.D.	3.5	Plant Biotechnology
4.	Dr. Rohit Kumar Singh	Assistant Professor*	Ph.D.	1	Structural Biology

\*On contractual basis

### 3. Research Publications :

## Articles & Research Papers :

## Dr. Kashyap Kumar Dubey

- Dubey, KK et al. (2018) Vaccine and antibody production in plants: developments and computational tools Briefings in Functional Genomics, (2018) ely020, https://doi.org/10.1093/bfgp/ely020
- Janssens, R., Mandal, M. K., Dubey, K. K., & Luis, P. (2017). Slurry photocatalytic membrane reactor technology for removal of pharmaceutical compounds from wastewater: Towards cytostatic drug elimination. *Science of the Total Environment*, *599*, 612-626.
- Punit Kumar and Kashyap Kumar Dubey (2018) Implication of mutagenesis and precursor supplementation towards the enhancement of lipstatin (an antiobesity agent) biosynthesis through submerged fermentation using *Streptomyces toxytricini*. 3 Biotech. 2018 Jan; 8(1):29. doi: 10.1007/s13205-017-1049-2..
- Parul and Kashyap Kumar Dubey (2018) Development of aqueous two-phase systems comprising poly ethylene glycol and dextran for purification of pullulan: Phase diagrams and fiscal analysis. Engineering in Life Sciences. https://doi.org/10.1002/elsc.201700156
- Arun Kumar Dangi, Kashyap Kumar Dubey, Pratyoosh Shukla (2017) Strategies to Improve *Saccharomyces cerevisiae*: Technological Advancements and Evolutionary Engineering. Indian J of Microbiology. DOI 10.1007/s12088-017-0679-8.

### **Indian Patent filed:**

- A Paper Strip-Based Test for detection of Aminoglycoside group of antibiotic in water and waste: Patent No. 20171104474 dated 13/12/2017
- 4. Paper Presentation/Participation in National & International Seminars /Conferences/Workshops: Dr. Kashyap Kumar Dubey:
  - Participated in XIV BRSI Convention and International Conference during 8-10 October, 2017 at CSIR-NEERI, Nagpur

- Participated in National Conference on Biological Engineering in 21<sup>st</sup> century (BESCON-2017) during 8-9 Sep, 2017 at NSIT, New Delhi
- Participated in HELP (Higher Education Leadership Programme) during 5-8 Dec, 2017, at Central University of Haryana.
- Participated in 4-days Training [programme on "Mushroom Production Technology "Training programme (28-31 Jan, 2018.
- 5. Extension Lectures Delivered :

## Dr. Kashyap Kumar Dubey

• Delivered an Expert lecture on topic "Petri-plate to Bioreactor" at UIET, Kurukshetra University Kurukshetra; 7-9 March, 2018.

## 6. Research Projects :

Sl. No.	Name of the Principal Investigator and Co-Investigator	Title of the Project	Year of Award	Nature of Project (Sponsored/ Consultancy)	Funding Agency	Project Grant	Duration of Project	Status of the Project (Complete/ Ongoing )
1.	Dr. Kashyap Kumar Dubey	Targeting the elimination of antineoplastic compounds in hospital wastewaters: novel frontiers in sustainable treatment		Sponsored	DBT-INNO Indigo Internation al Partnership Programme	98 lakhs	3 years	On going
2.	Dr. Kashyap Kumar Dubey	Enhancement of CoQ10 production using Site directed mutagenesis	2016	Sponsored	DBT (Govt. of India)	40 lakhs	2 years	On going

## 7. Students' Achievements:

## Placements/ selected for higher studies:

- Ms. Citu pursuing Ph.D. at NIPGR, New Delhi;
- Mr. Ankush Pursuing PhD. From Central University of Haryana;
- Mr. DipokTudu working at Bonsai Pharma, Baddi (H.P.)

## 8. Major Events, Activities or Extra Curricular Activities :

- Organised Colloquium on Structure of DNA: A way forward to genomic revolution on the occasion of "DNA-Day" on 25 April, 2017
- Organised National Conference on "Biotechnology Exploring through Innovations" (BETI-2017) during 13-14 Nov., 2017
- Department is Celebrating DNA Day (25 April) and GN Ramachandran Day (8 October) regularly to make aware about the Fundamental Discoveries of Biotechnology, which is very unique in State of Haryana.

## 9. Outstanding Achievements of the Department:

- Prof. VS Chauhan, Chairman UGC inaugurated National Conference on 13 Nov., 2017.
- Organised GIAN program which is flagship program of MHRD to invite Foreign Faculty.
- Extension Lecturers by Prof. Ravi Parkash, FNASc (8-10 May 2017) for three days
- Kashyap Kumar Dubey developed a paper-strip method for detection of amino-glycoside antibiotics in waste water as a Co-Inventor (Patent Filed)
- Kashyap Kumar Dubey developed E-PG Pathashala module in Environmental Sciences on 'Types of Bioreactors'.

## **Department of Microbiology**

#### **1.Students Enrollment**

Sl. No.	Name of the Programme	Intake	No. of Students
1.	Ph.D.	4	2
2.	M.Sc.	25	22

## 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. AvijitPramanik	Assistant Professor	Ph.D.	2	"Trojan Horse" Drug delivery system based on sideromycin, Outer membrane energy transduction system, Bacterial protein secretion system
2.	Dr. Vinod Yadav	Assistant Professor	Ph.D.	2	Infectious diseases, Transcriptional regulation
3.	Dr. Puja Yadav	Assistant Professor	M.Sc., Ph.D.	2	Host-Microbe Interaction, DNA secondary Structures
4.	Dr. Jitendra Kumar Saini	Assistant Professor	M.Sc., Ph.D.	2	Biofuels, Enzyme and Microbial Technology

## 3. Research Publications :

## Articles & Research Papers:

- Hemansi, Gupta R, Kuhad RC, **Saini JK**. Cost effective production of complete cellulase system by newly isolated *Aspergillus niger*RCKH-3 for efficient enzymatic saccharification: Medium engineering by overall evaluation criteria approach (OEC). *Biochemical Engineering* (2018). DOI:10.1016/j.bej.2018.01.019
- Bhat RR, **Yadav P**, Sashay D, Bhargava DK, Creghton CJ, Yazdanfard S, Al-Rawi A, Yadav V, Qin L, Nanda S, Sethunathan V, Fu X, De Angelis C, Narkar V, Osborne CK, Schiff R, Trivedi Mv. GPCRs profiling and identification of GPR110 as a potential new target in HER2+ breast cancer. Breast Cancer Res Treat. 2018 Jul;170(2):279-292.
- Dwivedi VP, Bhattacharya D, **Yadav V**, Singh DK, Kumar S, Singh M, Ojha D, Ranganathan A, Van Kaer L, Chattopadhyay D and Das G (May 2017) The Phytochemical Bergenin Enhances T Helper 1 Responses and Anti-Mycobacterial Immunity by Activating the MAP Kinase Pathway in Macrophages. Front. Cell. Infect. Microbiol. 7:149. doi: 10.3389/fcimb.2017.00149
- Dakal TC, Kala D, Dhiman G, **Yadav V**, Krokhotin A, Dokholyan NV, Predicting the functional consequences of non-synonymous single nucleotide polymorphisms in IL8 gene. Sci Rep. July 2017;7(1):6525. doi:10.1038/s41598-017-06575-4

## **Books:**

## **Chapters in Book:**

• Satlewal A, Saini JK, Agrawal R, Mathur A, Tuli DK, Adsul M (2017). Indian Biofuel Progress, GHG

Emission and GHG Savings by Biofuels: Comparative Assessment with World. In *Sustainable Biofuels Development in India* (pp. 541-557). Springer International Publishing. Doi:10.1007/978-3-319-50219-9\_22.#Equal contribution

- Hemansi, Vibhuti R, Shukla R, Gupta R, **Saini JK**. Food grade microorganisms for nutraceutical production for industrial applications. Nutraceuticals and innovative food products. In: *IGI global nutraceuticals and innovative food products for healthy living and preventive care* (2018). DOI: 10.4018/978-1-5225-2970-5.ch016
- Verma A, Kumar S, Hemansi, Kumar G, **Saini JK**, Agrawal R, Satlewal A and Ansari W. Rhizosphere metabolite profiling: An opportunity to understand plant-microbe interactions for crop improvement. In: *New and Future Developments in Microbial Biotechnology and Bioengineering* Elsevier, USA (2018). pp.343–361. DOI: 10.1016/B978-0-444-63987-5.00017-7
- Mona Singh, **Vinod Yadav**, Gobardhan Das, Host Epigenetic Modifications in *Mycobacterium tuberculosis* Infection: A Boon or Bane, The Value of BCG and TNF in Autoimmunity (Second Edition), Academic Press, 2018. https://doi.org/10.1016/B978-0-12-814603-3.00004-5

## 4. Paper Presentation/Partispation in National & International Seminars/Conferences/Workshops:

## Participation in National Seminars /Conferences/Workshops:

- Yadav P and Nayun Kim. G quadruplex mediated genome instability and role of topoisomerase during high transcription. Indo-US conference on 'Transcription, Chromatin Structure DNA Repair and Genomic Instability', IISc, Bangalore and Southern Illinois University Carbondale, USA. March 6-10, 2018 (Oral presentation).
- Yadav P and Nayun Kim. G4 genome and genome instability. 86<sup>th</sup> Annual Conference of Society of Biological Chemist. November 16-19, 2017, JNU New Delhi. (Oral presentation under young women scientist category).
- Hemansi, Gupta R, **Saini JK**, Kuhad RC. Cost-effective production of complete cellulase system by newly isolated *Aspergillus niger*RCKH-3 for efficient enzymatic saccharification: Medium engineering by overall evaluation criteria approach (OEC) presented at Biotechnology: Exploring through Innovations (BETI-2017) at CUH, Mahendergarh
- Hemansi, Gupta R, **Saini JK**, Kuhad RC. Medium engineering by overall evaluation criteria approach (OEC) for cost effective production of complete cellulase system by *Aspergillus niger* RCKH-3 at Association of Microbiologists (AMI-2017), BBAU, Lucknow
- Hemansi, Gupta R, Saini JK<sup>\*</sup>, Kuhad RC. Optimization of dilute acid pretreatment of Sugarcane bagasse for cellulosic ethanol production, at Association of Microbiologists (AMI-2017), BBAU, Lucknow
- Shukla R, Gupta R, Hemansi, **Saini JK**, Kuhad RC. Isolation and screening of yeasts for enhanced production of erythritol at 86th Conference of Society of Biological Chemists; Emerging Discoveries in Health and Agricultural Sciences, November, 16-19 2017; Jawahar Lal Nehru University, New Delhi, India.
- Hemansi, Gupta R, Chakroborty S, Aswal VK, **Saini JK**, Kuhad RC<sup>\*</sup>.Effect of sequential dilute acid and alkali deconstruction of sugarcane bagasse on its structure for improved hydrolysis: insight from Small angle neutron scattering (SANS) at BIORESTEC-2018, Sitges, Spain (Accepted Abstract)
- Hemansi, Chakroborty S, Jain KK, **Saini JK**, Kuhad RC. Development of highly efficient in-house cocktail of *Trichoderma* RCK65 and *Aspergillus niger* RCKH-3 cellulases for improved saccharification of mustard straw at at BIORESTEC-2018, Sitges, Spain (Accepted Abstract)
- Dr. Jitendra Kumar Saini attended three days training program on MOOCs at Central University of Rajasthan (12-14<sup>th</sup> March 2018)
- Dr. Jitendra Kumar Saini attended an International Conference on Sustainable Biofuels at Indian Habitat Centre, New Delhi organised by Mission Innovation, Department of Biotechnology (26-27<sup>th</sup> February 2018)

#### Central University of Haryana

#### 5. Research Projects :

Sl. No.	Name of the Principal Investigator and Co-Investigator	Title of the Project	Year of Award	Nature of Project (Sponsored/ Consultancy)	Funding Agency	Project Grant	Duration of Project	Status of the Project (Complete/ Ongoing )
1.	Dr. Avijit Pramanik	"Identification and cloning of siderophore biosynthetic gene cluster from Vibrio alginolyticus and heterologous expression of siderophore in e. coli for further characterization and utilization"	2017	Sponsored	DST	45 lacs	3 years	On going
2.	Dr. Vinod Yadav	"Transcriptional regulation of ICAM- 1 gene expression in human monocyte and macrophage cells"	2018	Sponsored	DST	48 lacs	3 years	On going
3.	Dr. Puja Yadav	"Identification and functional characterization of G4 DNA in <i>Helicobacter pylori:</i> a novel therapeutic target	2017	Sponsored	DST	40 lacs	3 years	On going
4.	Dr. Jitendra Kumar Saini	"Identification and functional characterization of G4 DNA in <i>Helicobacter pylori:</i> a novel therapeutic target	2017	Sponsored	SERB-DST	50.60 lacs	3 years	On going

#### 6. Students' Achievements :

• NET/JRF Qualified: 6 (2 Ph.D. students + 4 M.Sc. students)

#### 7. Major Events, Activities or Extra Curricular Activities :

• One-day lecture organized on DNA Damage Repair by Prof Lei Li (Hubert L and Oliver Stringer Professor of Cancer Research and Treatment, Department of Experimental Radiation Oncology, MD Anderson Cancer Center, Houston, Texas, USA on 12.03.2018

#### 8. Outstanding Achievements :

- Dr. Rishikesh Shukla (Dr. D.S. Kothari Post-Doctoral fellow) received Young Scientist award of the Society of Biological Chemists (2017).
- Dr. Puja Yadav received Young Women Scientist Award of the Society of Biological Chemists (2017).

## **Department of Nutrition Biology**

#### 1. Students Enrollment

Sl. No. Name of the Programme		Intake	No. of Students
1.	M.Sc.	25	20
2.	Ph.D.	4	2

#### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Ashwani Kumar	Assistant Professor	Ph.D.	11.3	Food Biotechnology
2.	Dr. Savita Budhwar	Assistant Professor	Ph.D.	8.8	Food and Nutrition
3.	Dr Tejpal Dhewa	Assistant Professor	Ph.D.	10	Food Microbiology and Food Safety; Clinical Nutrition
4.	Dr. Anita Kumari	Assistant Professor	Ph.D.	3	Food and Nutrition

#### 3. Research Publications :

## Articles & Research Papers:

#### Dr. Ashwani Kumar

- Tyagi A., Kumar A, Mohanty A. K., Kaushik J. K., Grover S. and Batish V. K. (2017) Expression of buffalo chymosin in *Pichia pastoris* for application in mozzarella cheese. LWT Food Science and Technology 84: 733-739 (IF: 3.129; listed in Scopus)
- Yadav A. K., TyagiA.,Kumar A, PanwarS., BatishV. K., SaklaniA. C., Hemalatha R<sup>\*</sup> Grover S. (2017) Adhesion of *Lactobacilli* and their anti-infectivity potential. Critical Reviews in Food Science & Nutrition 57(10), 2042-2056 (IF: 6.015)
- Kanupriya M. S.; Kumar R, Panwar S.; Kumar A (2017) Microbial alkaline proteases: Optimization of production parameters and their properties. Journal of Genetic Engineering and Biotechnology 15(1), 115-126 (listed in Scopus)

#### Dr. Tejpal Dhewa

- Anita Kumari Garsa; Prasanta Kumar Choudhury; Anil Kumar Puniya; Tejpal Dhewa; Ravinder Kumar Malik; Sudhir Kumar Tomar (2018), Bovicins: The bacteriocins of Streptococci and their potential in methane mitigation, Probiotics and Antimicrobial Proteins (accepted) Impact factor: 1.600
- Kumar, A, Majumdar, R S, Dhewa T. (2018), *In Vitro* Efficacy of Biosynthesized AgNPs against *Streptococcus mutans* causing Dental Plaque Formation, Journal of Scientific & Industrial Research: (77), pp. 225-228; Impact factor: 0.557

#### **Books:**

## Dr. Ashwani Kumar

Jain S., Kumar A, Dhewa T., Panwar S., Majumdar R. S. (2018) Applications of Nanotechnology in

*Agriculture: A Review: Concepts, Aspects, Prospects, and Constraints*. In: Sustainable Biological Systems for Agriculture, Emerging Issues in Nanotechnology, Biofertilizers, Wastewater, and Farm Machines. CRC press. pp:3-20 ISBN: 9781771886147

- Jain S., Panwar S., Kumar A, Dhewa T. (2018) *Bioinformatic Advancements in Post Translational Modifications (PTMs): An Experimental Approach*. In: Sustainable Biological Systems for Agriculture, Emerging Issues in Nanotechnology, Biofertilizers, Wastewater, and Farm Machines. CRC press pp:291-303 ISBN: 9781771886147
- JainS., PanwarS., Kumar A (2018)EMBL Databases and Tools: An Overview. In: Basic Applied Bioinformatics: A Beginners' Guide for Students. John Wiley & Sons Inc., 111 River Street, Hoboken, NJ, 07030 pp:395-402 ISBN-ISBN-9781119244332
- JainS., PanwarS., Kumar A (2018)Prediction of Transcription binding Sites. In: Basic Applied Bioinformatics: A Beginners' Guide for Students. John Wiley & Sons Inc., 111 River Street, Hoboken, NJ, 07030 pp: 243-250 ISBN-ISBN-9781119244332
- JainS., PanwarS., Kumar A (2018) Prediction of Translation Initiation Sites. In: Basic Applied Bioinformatics: A Beginners' Guide for Students. John Wiley & Sons Inc., 111 River Street, Hoboken, NJ, 07030 pp: 251-256 ISBN-9781119244332

## Dr. Tejpal Dhewa

• Anu Kumar, Nikhil Kumar, Tejpal Dhewa, and Francesco Marotta, (2018); Nanoceuticals: Potential Applications For Mitigating Nutritional Deficiencies; in Nanotechnology: Principles, Applications and Ethical consideration, Nova Science Publishers, Inc. USA (in press)

#### E-Contents: http://epgp.inflibnet.ac.in/ (Paper; Environmental Microbiology & Biotechnology)

- Microbiology of industrial effluents and their treatment
- Sewage microbiology & treatment
- Groundwater microbiology
- 4. Paper Presentation/Participation in National & International Seminars / Conferences:

#### Dr. Ashwani Kumar

- Participated in national conference on Biotechnology: Exploring Through Innovations (Beti-2017) held on November 13-14, 2017.
- Participated in Vice Chancellors' Colloquium on Sharing Resources for Quality Higher Education and Research under the Aegis of Ministry of Human Resource Development Government of India Scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) held on 14th October, 2017.

#### Dr. Savita Budhwar

• Participated in national conference on BIOTECHNOLOGY: EXPLORING THROUGH INNOVATIONS (BETI-2017) held on November 13-14, 2017

#### 5. Extension Lectures Delivered :

#### Dr. Ashwani Kumar

- Delivered lecture in a seminar conducted by UIET, Kurukshetra University Kurukshetra on 09-03-2018.
- Delivered extension lecture during National Nutrition Week September 1-7, 2017

#### Dr. Savita Budhwar

• Delivered lecture on food groups; during National Nutrition Week September 1-7, 2017

#### Dr. Tejpal Dhewa

• Food hygiene and food safety; during National Nutrition Week September 1-7, 2017

Sl. No.	Name of the Principal Investigator and Co-Investigator	Title of the Project	Year of Award	Nature of Project (Sponsored/ Consultancy)	Funding Agency	Project Grant	Duration of Project	Status of the Project (Complete/ Ongoing )
1.	Dr. Ashwani Kumar (PI) Dr. Ashok Kumar Yadav (Co-PI), Central University of Jammu	Surface expression of Glucagon like peptide-1 on indigenous probiotic Lactobacillus for management of type 2 diabetes	2018	Sponsored	SERB, Department of Science and Technology (DST) (Approved)	Grant to be sanctioned	2018-2021	On going
2.	Dr. Savita Budhwar	Evaluation, Utilization and Disseminations of value added products from by-products of Bengal gram ( <i>Cicer</i> <i>arietinum</i> ) for food security	2017	Sponsored	SERB, Department of Science and Technology (DST) (Approved)	Grant to be sanctioned	Approved (3 years)	On going
3.	Dr. Tejpal Dhewa (PI) Dr. Ashwani Kumar (Co-PI)	Ending micronutrient malnutrition through value added traditional rural fermented dairy foods of Haryana and Rajasthan	ved/Sa nction ed: 2017;		SERB-DST	Rs. 4212560/-	3 Years	On going

#### 6. Research Projects :

## 7. Students' Achievements:

- NET/JRF Qualified: 1
- Placements/ selected for higher studies : 1 students opted for Ph.D.Programme

## 8. Major Events, Activities or Extra Curricular Activities :

- National Nutrition Week Celebration (01-07, Sep., 2017)
- One Day workshop on Management of nutritional deficiency diseases among rural populations (01 Sep., 2017).
- Two Week GIAN course on Functional Foods and Nutraceuticals: Fundamental and Mechanistic Approaches(11<sup>th</sup> December-22<sup>nd</sup> December, 2017)
- Students participated during National Science Day at CUH on 28<sup>th</sup> Feb, 2018.

## 9. Outstanding Achievements of the Department:

• The Department of Nutrition Biology is an approved Training Partner (TP) for the FoSTaC (Food Safety Training & Certification) of FSSAI (Food Safety & Standard Authority of India).

## Dr. Tejpal Dhewa

• Course Coordinator, MOOC on Food Microbiology and Food Safety, Credit: 04

## Deen Dayal Upadhayay Kaushal Kendra

#### 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	B.Voc Biomedical Sciences	50	34
2.	B.Voc-Retail and Logistics Management	50	39
3.	B.VocIndustrial Waste Management	50	19

## 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Suyash Mishra	Assistant Professor*	Ph.D.	5	Retail Management, Marketing, Finance
2.	Dr. Rishi Kant	Assistant Professor*	Ph.D.	3	E-Retailing, Consumer Behavior, Finance
3.	Dr. Sushma	Assistant professor*	Ph.D.	1	Industrial Waste Management
4.	Dr. Vikas Saini	Assistant Professor*	Ph.D.	1	Biomedical Sciences

\*On contractual basis

## 3. Research Publications :

## Articles & Research Papers:

## Dr. Suyash Mishra

• Mishra, Suyash and Kant, Rishi. "Impact of perceived value of malls on shoppers' satisfaction: A case of mall shoppers of NCR of India." *Effulgence* Vol. 15(1) (2017): 15-24.

## Dr. Rishi Kant

- Jaiswal, Deepak, and Kant, Rishi. "Green purchasing behaviour: A conceptual framework and empirical investigation of Indian consumers." *Journal of Retailing and Consumer Services* Vol. 41 (2018): 60-69.
- Mishra, Suyash and Kant, Rishi. "Impact of perceived value of malls on shoppers' satisfaction: A case of mall shoppers of NCR of India." *Effulgence* Vol. 15(1) (2017): 15-24.

4. Paper Presentation/Patisiption in National & International Seminars /Conferences Workshops: Dr. Suyash Mishra

- Presented a research paper "Opportunity and challenges in implementation of IFRS in India" in International Conference on '*Changing Global Business Environment (CGBE-2018)*", organized by Indira Gandhi University, Meerpur (Rewari) from March 30-31, 2018.
- Presented a research paper "Micro Finance in India: A tool of empowering the poor" in National Seminar on *Contemporary issues and challenges in Indian Economy*", organized by Indira Gandhi University, Meerpur (Rewari) from March 28, 2018.

## Dr. Rishi Kant

• Presented a research paper "Opportunity and challenges in implementation of IFRS in India" in International

Conference on '*Changing Global Business Environment (CGBE-2018)*", organized by Indira Gandhi University, Meerpur (Rewari) from March 30-31, 2018.

• Presented a research paper "Micro Finance in India: A tool of empowering the poor" in National Seminar on *Contemporary issues and challenges in Indian Economy*", organized by Indira Gandhi University, Meerpur (Rewari) from March 28, 2018.

### 5. Major Events, Activities or Extra Curricular Activities :

- Hands-on-training of the students in various companies like Big Bazaar (Future Retail Ltd.), Pantaloons Fashion & Retail (Aditya Birla Group), BMG Mall, Reliance Fresh (Reliance Industries Limited), Relops Services Pvt. Ltd, Reliance Trends (Reliance Industries Limited), Penam Laboratories Ltd. Dharuhera (Haryana), SVI Analytica Pvt. Ltd., Gurgaon, Nitin Life Sciences, Pontasahib (H.P.), Ayurvet, Baddi (H.P.), Belco Pharma, Bahadurgarh (Haryana), IDPL Gurgaon, IDPL Rishikesh, Belco Pharma, Bahadurgarh (Haryana), IDPL Gurgaon, IDPL Rishikesh, Belco Pharma, Bahadurgarh (Haryana), Martin & Brown, Baddi (H.P.), Nectar Life Sciences, Baddi (H.P.), Zee Laboratories Ltd. Karnal, Haryana, Alive health care, Baddi, Himachal Pradesh. HSIL Limited, Jay Bharat Maruti Limited, Whirlpool India Limited, Om Construction Company, Girdhari Lal Aggarwal Contractors Pvt. Limited, Mark Exhaust Systems Mimited-II, Gurgaon, Manohar Filaments Pvt. Limited, Delhi Auronext Pharma Pvt. Ltd., Bhiwadi STP, Mahendergarh, Grasim Bhiwani Txtiles Ltd., Bhiwani, STP, Pappankalan, Delhi, Bhiwadi Jal PradushanNivaran Trust, Bhwadi, Ahresty India Pvt. Ltd, Bawal, Rewari etc. at each NSQF level.
- Conducted Industrial visits and training of students in various industries like FMI Automotive Components Pvt. Ltd., Maruti Suzuki Supplier Park, IMT Manesar (Haryana), Solid Waste Management site, Karnal, SVI Analytica Ltd. Bhiwadi, Gracure Pharmaceuticals, Bhiwadi (Rajasthan).
- Organized expert lectures.

#### 6. Outstanding Achievements :

DDU KAUSHAL Centre is running three vocational courses in the area of Retail and Logistics Management, Industrial Waste Management and Biomedical Sciences. The department has trained and produced certified skilled students for various job roles in the above-mentioned areas. The data for the same is provided below.

Programme	Job Role	NSQF Level	No. of students Certified	Name of certifying body
<b>B.Voc</b> Biomedical	Machine operator	4	70	Life Sciences Sector Skill
Science	Production Chemist	5	36	Development Council: (LSSSDC)
	Quality Control Chemist	5	25	
<b>B.Voc</b> Retail and	Retail Sales Associate	4	87	Retailers Association's Skill
Logistics Management	Retail Team Leader	5	85	Council of India: (RASCI)
management	Retail Departmental Manager	6	14	
B.Voc. – Industrial	Wastewater Treatment Plant Technician	4	87	Skill Council for Green Jobs:
Waste Management	Water Quality Testing Technician	5	65	(SCGJ)
	Manager Waste Management	6	42	

## School of Engineering and Technology

## **Department of Printing and Packaging Technology**

#### **1. Students Enrollment**

Sl. No.	Name of the Programme	Intake	No. of Students
1	B.Tech.	60	8

#### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1	Mr. Tarun Singh		M. Tech (Print and Graphic Communication)	5	Printing and Packagin
2	Mr. Shammi Mehra		M. Tech (Print and Graphic Communication)	5	Printing and Packaging

## \*On Contractual Basis

#### **3. Research Publications:**

### Articles & Research Papers:

- Mr. Tarun Singh- 5
- Mr. Shammi Mehra- 9

## 4. Major Events, Activities or Extra Curricular Activities:

- Indian Institute of Packaging, New Delhi visit
- Department of Printing Technology, GJUS&T, Hisar visit (2017)
- Indiapackpacprocess, PragatiMaidan New Delhi visit (2017)
- Romancing Print 18, MPA, Ambala visit (2018)

## **Department of Computer Science Engineering**

### 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1	B.Tech.	60	37

## 2. Faculty Profile

Sl. No.	Name	Qualification	Area of Interest
1	Ms. Eakta Kumari	M.Tech. (Computer Science & Engineering)	Cloud Computing, Algorithms
2	Ms. Sangeeta Lamba	M.Tech. (Computer Science)	Soft Computing
3	Mr. Nalin	M.Tech. (computer Science)	OOPS & Wireless Sensor Network

#### 3. Research Publications:

- Eakta Kumari, Task Scheduling in Cloud Computing, International Journal for Scientific Research and Development (IJSRD), vol. 5 Issue 05, 2017. ISSN: 2321-0613.
- Eakta Kumari, Security Challenges Faced in Cloud Computing Environment, International Journal of Advanced Research in Computer Science, ISSN: 0976-5697, Vol. 8, No. 5, May-June 2017.
- Sangeeta, Dr. Bal Kishan"Enhancing the Results of Genetic Algorithm By Using Fitness Scaling Functions" International Journal of Computer Science and Mobile Computing, Vol 6, Issue 4, April-2017, pg 23-28.
- Sangeeta, Anshul Bhatia, Eisha Jain"Applying Genetic Algorithm on Dynamic Programming Problems" International Journal for Research in Applied Science & Engineering, Vol 5, Issue 6, June 2017, pg 1397-1400
- Sangeeta, Anshul Bhatia, Eisha Jain ,Jyoti Yadav" Shadow Detection and its Removal from Images Using Advance Strong Edge Detection Method (ASED)" International Journal for Research in Applied Science & Engineering, Vol 5,Issue 6,June 2017,pg 1401-1405.
- Mr. Nalin Published in IJARIIE on "Classify the clustering algorithm for mobile adhoc network " Vol-3, Issue-3, 2017
- Mr. Nalin Published in IJARIIE on "WSN: Compression with ad-hoc networks and benifits with classification of coverage algorithm "Vol-3, Issue-3, 2017
- Mr. Nalin Published in IJCRT on "The client/server model has become one of the central ideas of network computing "Vol-6, Issue-1, March 2018.
- Mr. Nalin Published in IJCRT on "A review of centralized Dynamic clustering for WSN "Vol-6, Issue-1, March 2018.
- 4. Paper Presentation / Participation in National & International Seminars / Conferences/Workshops:
  - Mr. Nalin presented paper in International conference on Electrical. Electronics, computer, communication, mechanical and computing, (EECCMC) 2018 on topic Classify the Clustering algorithms for mobile ad-hoc network. IEEE

## 5. Students'Achievements:

- Students Volunteered in VittiyeSakshartaAbhyan (Digital Cashless Economy Programme).
- Students had won Qfiesta quiz competition organised by Civil Enginnering department.
- Students Volunteered in Spandan 2018 and 9<sup>th</sup> Convocation.
- Students had participated in Science Day celebrated by university.
- Student named Nitin (9609) is member of CISED, Innovation Club.

## 6. Outstanding Achievements:

• Develop 3 new Laboratories for B.Tech (Computer Science Engineering)

## **Department of Electrical Engineering**

#### 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	B.Tech.	60	54

### 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Munish Manas	Assistant Professor*	Ph.D.	3.5	HRES based Microgrid Design and Optimisation
2.	Mr. Rajesh Saini	Assistant Professor*	M.Tech.	3	Renewable Energy Systems
3.	Dr. Manish Kumar	Assistant Professor*	Ph.D.	1.7	Renewable energy sources, deregulated electricity market, transmission and distribution optimization.

\*On contractual basis

#### 3. Research Publications : Articles & Research Papers:

## Dr. Munish Manas

- Manas, M., Sinha, A., Sharma, S. et al.,"A novel approach for IoT based wearable health monitoring and messaging system" J Ambient Intell Human Comput (2018). SCI, SPRINGER INC. https://doi.org/ 10.1007/s12652-018-1101-z.
- Praveen Tiwari, Munish Manas et al., "A Techno-Economic Analysis of Microgrids with Hybrid Renewable Energy Sources development in South-Asian perspective", Technology and Economics of Smart Grids and Sustainable Energy, Springer Inc., Vol. 2, issue 10, pp. 1-16, 2017. (DOI: 10.1007/s40866-017-0026-5), ISSN: 2199-4706.
- B. Saharia and Munish Manas, "Viability analysis of Photovoltaic/Wind hybrid standalone Distributed Generation based system as applicable in isolated community of north-east region of India", Distributed Generation and Alternative Energy Journal, SCI Taylor and Francis Inc., Vol. 32, issue 1, PP. 49-80 · 2017. Print ISSN: 2156-3306 Online ISSN: 2156-6550
- 4. Paper Presentation/ Participation in National & International Seminars /Conferences/ Workshops: Dr. Munish Manas: - 2 IEEE Proceeding

## 5. Outstanding Achievements :

- Develop 4 New Laboratory for B.Tech.( Electrical Engineering)
- **Dr. Munish Manas** is appointed as Scientific Advisory Board Member for "2nd World Congress on Pollution Control & Advances in Environmental Engineering." to be held on 11th & 12th of October 2017 at Bangkok, Thailand.
- **Dr. Munish Manas** has been appointed as a reviewer for a Renewable Energy Based Project Committee in CPRI (Central Power Research Institute) Bangalore.
- **Dr. Munish Manas** has been recognised as a Distinguished Faculty for Microgrid Design and Optimization Workshops in National Power Training Institute Faridabad, Under Ministry of Power, by NPTI Principle Secretary Prof. JSS Rao.
- Dr. Munish Manas acted as a resource person in DST sponsored workshop in the Entrepreneurship Cell.

# **School of Education**

## 1. Students Enrollment

Sl. No.	Name of the Programme	Intake	No. of Students
1.	M.Ed.	50	21
2.	B.Ed.	100	97

## 2. Faculty Profile

Sl. No.	Name	Designation	Qualification	Teaching Experience (in year)	Area of Interest
1.	Dr. Neerja Dhankar	Professor*	Ph.D. (Education), M.Phil. (Education), M.Ed., M.A. (Sociology, Political Science, Human Rights), UGC NET (Education, Sociology, Human Rights and Duties) PGDHE, PGDHRM, PGJMC, PGDESD, CHR, CIG,CYA	20	Teacher Education, Educational Administration, Value Education, Philosophy of Education, Sociology of Education
2.	Dr. Anoj Raj	Associate Professor*	M.Sc. (Physics), L.T, M.Ed., Ph.D. (Education)	17.10	Research Methodology, Evaluation and Measurement, Educational Technology, Guidance and Counseling &Pedagogy of Science.
3.	Dr. Naved Hassan Khan	Assistant Professor*	Ph.D.(Education) NET (Education), M.Ed., M.Com. ,PGPDSE-MR	3.6	Deaf Studies, Education of learners with diverse need
4.	Dr. Chandan Bala	Assistant Professor*	M.Sc. (Chemistry),M.Ed., M.Phil.(Education), PGDCA, Ph.D. (Education)	12. 11	Educational Technology, Educational Psychology
5.	Dr. Rajni Kumari	Assistant Professor*	Ph.D. in Education (Submitted), M.Phil. (Education), NET, M.Ed., M.A. (Economics), 'O' Level from DOEACC	2.5	Inclusive education, Economics of Education, Research in Education, Guidance and counseling, Educational Technology and ICT, Sociological Foundation Education

					contra oniversity of that yana
6.	Dr. Saran Prasad	Assistant Professor*	Ph.D.(Education) NET (Education), M.Ed., M.A. (Hindi, Economics, Psychology)	5.6	Teacher Education, Guidance and Counselling , Educational Psychology
7.	Dr. PoojaWalia	Assistant Professor*	Ph.D., M.Phil, NET (Education)	4.7	Mathematics Education, Educational Psychology & ICT
8.	Dr. Chandvir	Assistant Professor*	Ph.D. Education, (NET) M.A. Education, M.A. Public Administration	10. 10	<ol> <li>Pedagogy of Social Science,</li> <li>Value and Peace Education</li> <li>Educational Psychology</li> </ol>
9.	Dr. Amit Singh	Assistant Professor*	Ph.D., Education (NET), M.Phil. Education., M.Ed., M.A. Psychology & M.A. English	12	Educational Psychology, Research Methodology & Statistic in Education, Knowledge and Curriculum, Guidance & Counseling
10.	Dr. Rubul Kalita	Assistant Professor*	Ph.D. (Education), M.Phil. (Education), M.A. (Education), B.Ed., NET	10.6	Research in Education, Educational Psychology, Special Education
11.	Ms. Kiran Rani	Assistant Professor*	M.A., M.Ed., M.Phil.	1.5	Teaching of English, Research Methodology in Education
12.	Mr. Dilip Kumar Patel	Assistant Professor	NET, M.Phil. Fine Art, M.A. Drawing & Painting, B.Ed., DCA, PGDCA	1.9	<ol> <li>Drama and Art in Education,</li> <li>Art in Education</li> </ol>
13.	Dr. Maju	Assistant Professor*	M.A, (Eng. & Sociology) M.Ed., NET, Ph.D.	12	Educational Psychology and Educational Research, ICT
14.	Ms. Meenakshi	Assistant Professor*	UGC-NET, M.Ed., M.Sc. (Botany)	2	Educational Psychology, Research Methodology.
15.	Dr. Seema	Assistant Professor*	NET- Fine Arts, SET Ph.D. (painting) M.A. in Fine Arts, B.Ed.	1	Painting
16.	Dr. Promod Joshi	Assistant Professor*	NET (Education) Ph.D. (Education), M.Phil (Education), M.Ed. MA. (Geography & Sociology), PG Diploma in Guidance and Counseling	4.6	Educational Psychology Guidance and counseling, Geography Teaching & ICT
17.	Dr. Neha Bishnoi	Assistant Professor*	Ph.D.(Education) NET (Education), M.Ed., M.Sc.(Physics)	1.5	Educational Psychology, Guidance & Counselling

## Central University of Haryana

18.	Dr. Shankar Lal	Assistant Professor*	M.A. (History), M.Ed., M.Phil. , Ph.D. , NET, SET (Education)	12	Methodology of Social Science, Educational Psychology, Teacher Education
19.	Mrs. ArchanaYadav	Assistant Professor*	M.Phil. (Education), M.Ed., M.A. (Hindi, Psychology), Diploma (Education and Guidance and Counseling)	1.5	Pedagogy of Hindi, Educational Psychology, Educational Research, Guidance and Counseling

\* On contractual basis

#### 3. Research Publications :

#### **Articles & Research**

## Prof. Neerja Dhankar

- Adjust mental study in relation to personality of female students studying in co-educational and unieducational colleges of Uttarakhand, *India Asian Journal of Research in Social Sciences and Humanities*, 7(7), July 2017, 231-237. ISSN 2249-7315. A Journal Indexed in Indian Citation Index DOI NUMBER: 10.5958/2249-7315.2017.00381.1
- Personality of female students studying in Co-Educational and Uni-Educational colleges of Uttarakhand *International Journal of Multidisciplinary Education and Research* ISSN: 2455-4588; Impact Factor: RJIF 5.12. www.educationjournal.in Volume 2; Issue 3; May 2017; Page No. 01-02
- MOOC Course on Research Methodology for Mizoram University- Module 38 Title: Writing Research Report
- MOOC Course on Research Methodology for Mizoram University- Module 39 Title: Evaluating Research Report
- MOOC Course on Research Methodology for Mizoram University- Module 40 Title: Writing a Research Paper
- Educational Importance of Indian Home and Street Games and Toys....Online International Interdisciplinary Research Journal, 8(4), July-Aug 2018, 226-235

#### Dr. Anoj Raj

- Analytical study of A. Ramachandran's art style. *Remarking an Anaemalisation*. ISSN: 23940344 (p), 3-2. 201-213.ImpactFactor-5.879.
- A Study of gender inequality in Haryana. *Asian Resonance*, ISSN: 09768602 (p) 23499443. 7(3), 130-131.ImpactFactor-5.706.

#### Dr. Naved Hassan Khan

- Examination reforms: Retrospect and prospect. *International Journal of Education & Management Studies*, ISSN No.2231-5632.
- Making visually impaired students conversant with the principle of conservation in inclusive setting: A hands-on approach. *Asia Pacific Journal of Research*, ISSN No. 2347-4793.
- Universal design for learning (UDL): Its usefulness and implementation at elementary level. *South Asia Journal of Multidisciplinary Studies*, ISSN No. 2395-1079.

#### Dr. Saran Prasad

• Reflection on person with disabilities Act and Rules: *An Implementation of Inclusive Education in India*, *IJRESS*, Vol.7-12 Dec.2017, 285-292.

- Improving access to applied behaviour analysis intervention for children with developmental disabilities in Haryana.(Feb.2018),*IJRESS*,8(2), ISSN (O):2249-7382, 267-272.
- Challenges faced by school teachers in inclusive education. *IJRESS*. 8(3). March 2018, ISSN(O):2249-7382, 569-576.

## Dr. Pooja Walia

- Effect of constructivist approach on achievement in Mathematics of eighth grade students. *Online International Interdisciplinary Research Journal*, July, 2017
- Development and standardization of Mathematical creativity test. *International Journal of Advanced Research*, July, 2017
- Contribution of open educational resources in sustainable development. Research Link, August -2017
- Enhancing professional development among pre-service and in-service teachers. *Zenith International Journal of Multidisciplinary Research*, August 2017
- Issues and concerns towards performance of elementary school students. *Upstream Research International Journal*, July 2017
- Need &importance of 21<sup>st</sup> century skills for effective educational programme. *Review of Research Journal*, January, 2017
- Expansion of higher education in Haryana: A case study of Regional Imbalances. *The EDUCAND: Journals of Humanities and Social Sciences*, December, 2017.
- Reforms and initiative in higher education. *MIER Journal of Educational Studies Trends & Practices*, May, 2018.

## Dr. Chandvir

- A comparative study of attitude towards teaching profession among regular and open perspective teachers. *DEEPAK: An International Research Journal*, ISSN: 2394-6563, 2(3), 2017.
- A Study of attitude of teachers towards the inclusion of children with special needs into normal class room, *ADROITIC*, ISSN: 2349-6274, 1(4), 12017.
- A study of value preferences among prospective teachers in Rohtak district. *Printing Area*, ISSN: 2394-5303, 3(32), 2017.
- Study of some major aspects about rural reconstruction initiated by R. N. Tagore, *Printing Area*, ISSN: 2394-5303, 2(32), 2017.

## **Dr. Amit Singh**

- A study of teaching aptitude and adjustment of senior secondary school teachers. *Innovation the Research Concept Multi-disciplinary Bi-lingual International Journal*, Vol .2 (4) May 2017 pp.41-43(ISSN-2456-5474). Impact Factor, IIJIF=4.112 & SJIF = 3.42
- A Study of teachers' attitude towards continuous and comprehensive. *Evaluation in Bhartiyam International Journal Of Education & Research*, Vol. 6(3) June 2017 pp. 01-09 (ISSN : 2277-1255)
- Adjustment of new boarders in girls hostels of BhagatPhool Singh MahilaVishwavidyalaya in relation to their mental health. *International Journal of Advanced Education and Research*, Vol. 2(4) July 2017 pp. 58-60 (ISSN: 2455-5746). Impact Factor(RJIF) 5.34
- Impact of television programme on political and religious values of pupil teachers of Haryana. Educator Research Journal (ERJ), Vol.4(3) July 2017 pp 50-54 ISSN 2455-0515 (UGC Approved List Sr. No 48842) Impact Factor 3.521(IJIF)

#### Central University of Haryana

#### **Book:**

## Ms. Kiran

• Rathi, Neeru & Rani, Kiran (September, 2017). Academic anxiety: A serious issue among secondary school students. ISBN-9789383837311, New Delhi: Vishwagyan Publishers.

## Chapter in Book:

• Kiran. (April, 2018). *Academic writing, anti-plagiarism and citations*(Edt.) Vinod K Kanwariya, ISBN-9789383837311 Delhi: Shipra Publishers,

## **Research Paper(s):**

- An analysis of teachers' perception of e-learning for ongoing professional development of teachers. *Scholarly Research Journal for Humanity, Science and English Language,* ISSN 2348-308.
- Making sense of prospects of digital education. *Scholarly Research Journal for Interdisciplinary Studies*, ISSN: 2278-8808
- Plagiarism: Its detection and obstacles in countering it. *IMPACT: International Journal of Research in Humanities, Arts and Literature (IMPACT: IJRHAL),* ISSN (E): 2321-8878
- Challenges before third gender community. *Hindu AntarrashtriyaTraimasikPatrika* ISSN: 2348-0114.
- Challenges for the discipline of education post-NCTE regulations,2014. *International Journal of Research in All Subjects in Multi Languages* (IJRSML). ISSN: 2321-2853

## Mr. Dilip Kumar Patel

• Analytical study of A. Ramachandran's Art Style, *Remarking an Anaemalisation* ISSN: 23940344 (p), 3-2.201-213 May 2018.

## Dr. Manju

- Psychological well- being in relation to social support and optimism: A review, *Indian Journal of Health and Well Being*, 2017, 08 (08), 832-835.ISSN:2229-5356,
- Teaching- learning process & quality education. *Printing Area International Research Journal*, 2017, 01 (33), 75-78, ISSN:2394-5303,
- Burnout in teachers: Causes, consequences and intervention. *Indian Journal of Health and Well Being*, 2018, 9(3), 510-512, ISSN: 2229 5356.
- Vedik Kaal in Shiksha Ke Pariprekshya. *Vidyawarta: International Multilingual Refereed Journal*, 2017, 05 (19), 118-122, ISSN: 2319-9318
- Interfacing with the regulatory bodies in higher education in India: Issues and Challenges. *International Journal of Research and Analytical Review*, 2018, 5(1), 126-128, ISSN:2349-5138
- Role of positive education in developing creativity among students. *International Journal of Education & Management*, 2017, 07 (03), 434-437, ISSN, 2231-5632
- Relationship of emotional intelligence with secondary school teachers' burnout. *Indian Journal of Health and Wellbeing*, 2017, 08 (08), 819-821, ISSN:2229-5356.
- Modern era trends in teacher education. *International Journal of Research and Analytical Review*, 2018, 04(01), 167-169, ISSN: 2349-5138.
- A study of professionalism of primary teachers of Mahendergarhdistrict. *International Journal of Research and Analytical Review*, 2018, 5(2), 118-120, ISSN: 2449-5138

#### Ms. Meenakshi

- Study of academic stress in secondary students of government and private schools. *Asia Pacific Journal of Research*. ISSN 2320-5504, Issue IV, Vol. I, 2017.
- Smart learning: Trend of change in Learning in 21st Century. *Asia pacific Journal of Research* ISSN 2320-5504, Issue IV, Vol. I, 2017.
- Cultural Intelligence: An overview. Asia Pacific Journal of Research 2017.
- Swaadhyay: VedokaAdhyanan. VidyawartaInternationalMultilingual Research journal. July to Sep. 2017

#### Dr. Seema

- Adhunik Bhartiya Chitrakala mein Virupan, *Scholarly Research Journal for Humanity Science & English Language*. ISSN 2348-3083 /Jun-July 2017
- Chitrakar Jat in Daski Kalatmak Abhivyakti. Arya Research Journal. ISSN: 2348-876X / Jun-Aug 2017.

#### Dr. Promod Joshi

- To study feeling of security-insecurity and academic achievement of the students. *Printing Area Research Journal*, Aug, 2017, 30-33
- A Study on different levels of stress among primary school teachers. Asian Pacific *Journal of Research*, July, 2017, 161-163
- Find out the level of self-esteem among graduate students. *PARIPEX-Indian Journal of Research*, July 2017, 407-408.
- बाल श्रमिकों की शिक्षा हेतु संचाालित विशेष विद्यालयों के भौतिक कारकों का अध्ययन *Remarking An Analisation, June-* 2017,123-126
- दूरस्थ शिक्षा प्रणाली में अध्ययनरत विद्यार्थियों की अभिवृत्तिका अध्ययन Srinkhla Ek Shodhparak Vaicharik Patrika, May, 2017, 74-76.

## Dr. Neha Bishnoi

- Shri Madbhagwad geeta. *International Journal of Literary Studies*, ISSN: 2231-4652) 2017, Volume 7, Issue 1-2, pp. no. 47-49,
- Self-concept in relation to emotional intelligence of adolescent progeny of working and non-working women. *International Journal of Education & Management Studies*, ISSN: p-2231-5632, e-2321-3671) 2017, Volume 7, Issue 2, pp. no. 259-263,
- Psychological well beingamong adolescents: A review. *International Journal of Social Sciences Review* (ISSN: 2347-3797) 2017, Volume 5, Issue 2, pp. no. 316-318.
- Learning challenges and remedial strategies: A conceptual paper. *Indian Journal of Health & Wellbeing*-(ISSN: 2229-5356) 2017, Volume 8, Issue 7, pp. no. 754-756.
- Collaborative learning: A learning tool- advantages and disadvantages. *Indian Journal of Health & Wellbeing*-(ISSN: 2229-5356) 2017, Volume 8, Issue 8, pp. no. 789-791.

#### Dr. Shankar Lal

- Vyavasayiktatha Akadmik Pathyakaram se Sambandhitniyamitva Durasth Shiksharthiyonki WEB ki Sahayata se Adhigamkeprati Abhivritikavishleshanatmak Adhdhyan *PRINTING AREA International Research journal ISSN & 2394 5303Issue & 32, Vol & 4, August 2017 page no. -184-191*
- "Sri Ganganagar me Madhyamik star par Adhdhyanrat Vidhyarthiyonki Shaikshik Upalabdhi par gharpariveshkeprabhavka Adhdhyan" *PRINTING AREA International Research journal ISSN &2394 5303Issue &32, Vol& 7, August 2017 page no. -192-197*

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• Comparative study of self-confidence among adolescents in relation to gender and locale of ludhiana district *Periodic researchSocial research foundation Kanpur* 

## Mrs. Archana Yadav

- A study habitsamong 11<sup>th</sup> grade learners in relation to their academic achievement. *Annals of Education* (AQuarterly International Journal of Education), Vol. 3(2), June 2017.
- An analytical study of learning approaches in 21<sup>st</sup> century in India. *Asian Journal of Educational Research & Technology*, Vol. 7(2),2017.

## 4. Paper Presentation in National & International Seminars/Conferences: 23

- Participation in National Seminars/Conferences/Workshops: 75
- 5. Extension Lectures Delivered by Faculty Members: 6

#### 6. Students' Achievements:

- NET/JRF Qualified: 4
- Placements/ selected for higher studies : 5
- Competitive Exam Qualified: CTET & STET-5

## 7. Major Events, Activities or Extra Curricular Activities :

- Organized Essay Writing and Poster Making Competition on 3<sup>rd</sup> International Yoga Day (21-6-2017) at School of Education.
- Organized Mehndi and Drawing Competition on Teej Festival (26-6-2017) at School of Education.
- Organized Sports Meet on 'Birthday of Major Dhyan Chand on 29-8-2017
- VC's Colloquium on "Sharing Resources for Quality Higher Education and Research" organized by School of Education & IQAC of Central University of Haryana on 14<sup>th</sup>October, 2017 (Under PMMMNMTT scheme of MHRD)
- National Seminar "Inclusive and Qualitative Expansion of Higher Education in Haryana" organized by School of Education & Department of Education from 15<sup>th</sup>-16<sup>th</sup>October, 2017.(Under PMMMNMTT scheme of MHRD)
- Organized Poster Making and Quiz Competition on 'National Handloom Day' (9-11-2017) at School of Education.
- Organized Painting, Poster Making and Social Message /Quotation Competition on Children Day (14-11-2017).
- Four Day Higher Education Leadership Program (HELP) organized by School of Education from 5<sup>th</sup>-8<sup>th</sup>December, 2017. (Under PMMMNMTT scheme of MHRD)
- Two Days Workshop for Administrative and Ministerial Staff organized by School of Education& Cell for Faculty Induction Development on 13<sup>th</sup>-14<sup>th</sup> February, 2018. (Under PMMMNMTT scheme of MHRD)
- Principal Meet on 'Bridging the Gaps between Higher Education and School Education' organized by School of Education on 15<sup>th</sup>February, 2018. (Under PMMMNMTT scheme of MHRD)
- Workshop on "Gender Sensitization" of School Teachers organized by School of Education from January 2018 to March, 2018. (Under PMMMNMTT scheme of MHRD).
- Two Days National Workshop on "Theatre in Education" organized by School of Education on 3<sup>rd</sup>&4<sup>th</sup>March, 2018.

#### 8. Outstanding Achievements :

• Procurement of 70 computers equipped ICT lab in the department.

#### Dr. Anoj Raj

- Organizing Secretary of 4-day Higher Education Leadership Programme (December 5-8, 2017)
- Coordinator for National Seminar on "Inclusive and Qualitative Expansion of Higher Education in Haryana" (15 & 16 October, 2017)

#### Dr. Rajni Kumari

• School of Education awarded with the **Degree of Doctorate in Education** from Kurukshetra University, Kurukshetra, Haryana.

#### Dr. PoojaWalia

- Delivered Lectures on Gender Sensitization Awareness Programme organised by School of Education in March, 2018
- Worked as Event Coordinator of 'Mathematics Model Making Competition' in School of Education for B.Ed. Students on 27 April 2018
- Worked as Event Coordinator of 'Teej Celebration' in School of Education at University level on 13 August 2018
- Worked as Event Coordinator of 'Teacher Day Celebration' in School of Education at University level on 05 September 2018

#### Dr. Amit Singh

- Constitute an online group of our students "SOE2017" to assist online.
- Constitute an online group of our students "SOE2018" to assist online.
- Constitute an online Google Classroom group of our students "SOE2018" to assist online.

#### Dr. Seema

- Made 25 paintings as directed by Hon'ble Vice-Chancellor for the University on various occasions in between May 2017 to Sept.2018. Some of them were life-size paintings
- Made some decorative craft work for the decoration of the University campus.
- Now a days I am working on a series of life- size paintings for Swami Dayanand Chair, CUH. Four paintings are completed.

#### Dr. Dalip Kumar Patel

- Divyajeeven Health & Education Society held at Swaraj Bhawan, Bhopal 3rd June 2018, By Govt. of India 'Best Artist Certificate' for Achieving First Position in Painting of State Level (Haryana).
- Participated in the Colour Point 1<sup>st</sup> all India online Art competition 25 July 2018 for Achieving 'Certificate & Gold Medal' in Painting.

## National Resource Centre

The Ministry of Human Resource Development has identified Central University of Haryana for setting up National Resource Centre for Developing MOOCS on "Personal-Emotional Development and Counselling". The centre is being set up under Pt. Madan Mohan Malaviya National Mission for Teachers and Teaching. NRC will develop the Annual Refresher Programme in Teaching (ARPIT) of higher education faculty in the discipline. This training will be imparted as MOOCs using SWAYAM platform and would focus on latest developments in the subject, pedagogical improvements and methodologies for transacting revised curriculum. Through SWAYAM platform, we would introduce to our teachers to those pedagogical tools that are locally rooted but globally relevant for their subject. These tools will help students develop research skills and interdisciplinary thinking. Idea is not to make it a stand-alone topic rather bring it to the core of the essential understanding of the teaching fraternity. We would provide the teachers with a large number of exercises, problems, questions and discussion on case study, which they can use to help their students to develop self-learning skills, conceptual understanding of topics taught and, at the same time, develop awareness of the effectiveness of control on their emotions. Develop well-designed and scientifically accurate orientation modules that can be introduced for every stream teachers. Teens of higher education must learn how to respond to new and unfamiliar situations. At the same time they are experiencing increased demands on their physical, mental, and emotional resources. The role of a faculty of higher education needs to know how to counsel the adults. Counseling psychology is a psychological specialty that encompasses research and applied work in several broad domains: counseling process and outcome; supervision and training; career development and counseling; and prevention and health. The training was started from 1<sup>st</sup> November, 2018. Prof. Sarika Sharma, Dean School of Arts, Humanities and Social Sciences is the Course Coordinator of ARPIT-PEDC.

## Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching: A Flagship Scheme of Ministry of Human Resource Development (MHRD)

School of Education in the Central University of Haryana has been approved in the 7th Project Approval Board (PAB) held on 28th November 2016 under the Ministry of Human Resource Development (MHRD) Scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching. The Project Coordinator of this scheme is Prof. Sarika Sharma, Dean School of Arts, Humanities and Social Sciences & Head, Department of Education. The activities of the scheme PMMMNMTT are carried by the Department of Education, School of Education and University fraternity. National Seminar on "Inclusive Education: Past Present and Future" was organized on 28th February, 2017. The number of beneficiary was fifty Five. National workshop on "Literary Criticism in India: Practice and Pedagogy" was organized from 30th March, 2017 to 3rd April, 2017. The number of beneficiary was Seventy Five. Vice Chancellor's Colloquium on "Sharing Resource for Quality Higher Education and Research" was organized on 14th October, 2017. The number of beneficiary was Sixty Seven. National Seminar on "Inclusive & Qualitative Expansion of Higher Education in Haryana" was organized on 15th October, 2017 & 16th October, 2017. The number of beneficiary was One hundred and Ninety Two. Four Days Training Programme on Higher Education Leadership Programme (Vice-Chancellors/ Directors/Pro Vice chancellors/ Deans/ Chairpersons and Head of Departments) was organized on 5th December, 2017 to 8th December, 2017. The number of beneficiary was Forty Three. Two Day Workshop for Administrative Staff was organized on 13th February, 2018 & 14th February, 2018. The number of beneficiary was Ninety Eight. Principals Meet for School & college Teachers on the theme "Bridging the Gaps between Teacher training institutions and Schools" was organized on 15th February, 2018. The number of beneficiary was Ninety Three. Workshop on "Gender Sensitization" of School Teachers was conducted from January to March 2018. The number of beneficiary was Five Hundred Eighty Nine. Two Day National Workshop on "Theatre in Education" was organized on 3rd & 4th May, 2018. The number of beneficiary was One Hundred Eighty Six. Workshop on "Teaching, Learning and Evaluation Online with Moodle MOOC Platform & Open Education

Resources" was organized from 14th to 16th May, 2018. The number of beneficiary was Fifty Eight. Two day National Seminar on Yoga for Holistic Development was organized from 20th & 21st June, 2018. The number of beneficiary was Fifty Seven. One Month Induction Training for Newly recruited Assistant Professors was conducted from 14th June to 14th July, 2018. The number of beneficiary was Twenty Eight. A national conference was organized on "Spiritual Development through Education on 11-12 October, 2018". Three lectures were organized like Innovative methods of teaching for the students *by Dr. Devender Balhra*, Directorate of Higher Government of Haryana, Statistical Analysis (Parametric, Non-parametric statistics, Simple Statistical Application such as t, F, ANOVA, Non Parametric Statistics such as x2, Mann Whitney u test, KS test. Data organization in SPSS and EXCEL) by Dr. Manoj Kumar, from Jawaharlal Nehru University, New Delhi.

## Swami Dayanand Saraswati Chair

#### Establishment

Swami Dayanand Saraswati Chair was inaugurated on 5<sup>th</sup> December, 2017 by Dr. Satyapal Singh, Minister of State, Ministry of Human Resource Development, Government of India in the august presence of Prof. Vedprakash, Former Chairman, University Grants Commission and Hon'ble Vice Chancellor, Prof. R.C. Kuhad, Central University of Haryana. Though the Chair had already started its functioning since 07<sup>th</sup> September, 2017 when the Chair Professor joined. For initial three months it functioned in Academic Block No.03 and finally settled at its present place - Academic Block no. 04, Room no. 229 - in December 2017 where all facilities were made available by Hon'ble Vice Chancellor for its proper functioning. Office of the Chair has a nice display of main portraits, photos and the prime messages of Swami Dayanand and other leaders of Aryasamaj. Currently this chair is presiding by Dr. Ranvir Singh.

#### Swami Dayanand Saraswati Library

Swami Dayanand Saraswati Chair has developed a reference library comprising of different editions of works of Swami Dayanand Saraswati published by Propakarini Sabha, Ajmer, Rajasthan and Panini Veda Vidyalaya, Revali, Sonipat, Haryana run buy Ramlal Kapoor Trust. The Chair has procured whole publication of these two prime institutions which are dedicated to do research and publish the lifetime contribution of Swami Dayanand Saraswati. Chair also procured from Vishveshvaranand Vedic Research Institute, Hoshiarpur, Punjab different works of Vedic literature published with the commentaries of different erudite Vedic scholars of medieval India. 99% grant meant for Books and Journals disbursed by UGC has been utilized and in total now the Library consists of 366 books. Some periodicals are also arranged which are published by Aryasamajist organizations. Two daily Newspapers – The Hindu &Haribhumi also added. VaidikSamshodhana Mandala, Pune has been contacted to send their Valuable Vedic publications for enrichment of Library, but the grants being allocated by UGC for books are quite insufficient.

#### Manuscripts of the Works of Swami Dayanand Saraswati Procured

The Chair Professor has borrowad the copies of Manuscripts of the following works of Swami Dayanand Saraswati:

- (1) ऋग्वेद-भाष्यम्, पाण्डू-लिपि, 1-भाग लिपि 5
- (2) ऋगवेदादिभाष्य-1 लिपिभाग पाण्डु-भूमिका-8
- (3) ऋग्वेदादिभाष्य-(भिन्नप्रति) सम्पूर्ण, भूमिका-कुलपृष्ठ410
- (4) चतुर्थोऽध्याय:, भाष्यम्-अष्टाध्यायी, कुलपृष्ठ 26
- (5) पञ्ञमहायज्ञविधिः कुलपृष्ठ 031
- (6) भाष्यम् यजुर्वेद-33 वाँअध्याय- कुलपृष्ठ 039

#### National Seminars Organized by the Chair

- Organised a National Seminar on 'Swami Dayanand Saraswati: A Visionary Reformer' on 16-18 February, 2018, sponsored by the Indian Council of Philosophical Research, New Delhi
- Organised a National Seminar on 'Contribution of Swami Dayanand Saraswati and Aryasamaj for Dissemination of Education' on 19-20 March, 2018 by the grant of the Chair disbursed by the University Grants Commission, New Delhi.

# Cells/ Clubs/ Societies of the University

Sl. No.	Cell/ Club/ Society	Convenor/Coordinator	Department
1.	Science, Maths& Technology (SMT) Club	Prof. Nawal Kishore, Convenor	Physics
2.	Center for Community Development & UBA	DSW, ConvenorDr. Ranjan Aneja, Nodal Officer	Economics
3.	Career Counseling, Training and Placement Cell	Dr. A.P. Sharma, Convenor	Management Studies
4.	CUH Legal-Aid Clinic	Dr. Pardeep Singh, Convener	Law
5.	Grievances Redressal Committee	Dr. Aditya Saxena	Physics
6.	Anti-Discrimination Officer	Dr. Bir Singh	English
7.	Equal Opportunity Cell	Dr. Chanchal Kumar Sharma	Political Science
8.	Group for the Promotion of Art, Culture & Heritage	Dr. Aarti Yadav, Coordinator	Education
9.	Centre for Innovation, Skills and Entrepreneurship	Prof. Nawal Kishore, Convenor	Physics
10.	Internal Quality Assurance Cell	Dr. Aditya Saxena Director	Physics
11.	OBC Cell	Dr. Bir Singh Yadav, Convener	English
12.	Cell for the persons with Disabilities	Dr. Sarika Sharma, Convener	Education
13.	SC/ ST Grievances Cell	Dr. Reema Gill, Convener	Sociology
14.	Alumni Club	Dr. Kashyap Dubey, Convener	Biotechnology
15.	Apex Committee for Sensitization, Prevention and Redressal of Sexual Harassment	Dr. Sarika Sharma, Chairperson	Education
16.	Book Reading Club	Dr. Ajay Kumar, Coordinator	Management Studies
17.	International Students Cell	Dean Student Welfare and Assistant Dean Student Welfare	DSW Office
18.	Eco Club	Dr. Kashyap Dubey, Convener	Biotechnology
19.	Faculty Induction Cell	Dr. Sarika Sharma, Convener	Education

20.	Literary Club	Mr. Sudeep Kumar, Coordinator	English
21.	CUH Mathematical Society	Dr. Sharanjeet Dhawan Coordinator	Mathematics
22.	Physics Society	Dr. Aditya Saxena, Convener	Physics
23.	Young Khurana's Chemistry Club	Dr. Manoj Gupta, Coordinator	Chemistry
24.	Women Empowerment Cell	Dr. Renu Yadav, Convener	Education
25.	National Service Scheme (NSS)	Dr. Dinesh Chahal, Coordinator	Education
26.	Publication Division	Dr. Aditya Saxena, Convenor	Physics
27.	Youth Red Cross	Dr. Dinesh Chahal, Programme Coordinator	Education
28	Yoga, Trekking and Adventure Club	Dr. Dinesh Chahal, Coordinator	Education
29.	Chief Vigilance Officer	Shri. Ram Dutt	Registrar
30.	Teacher Club	Dr. Kashyap Dubey, Convener	Biotechnology
31.	Movie Club	Dr. Aarti Yadav, Convener	Education

## Activities organised by theVarious Cells, Clubs and Societies of the University

## Women Empowerment Cell

Date	Activities	Resource Persons
April 20, 2017	Round Table Discussion on Gender Issues in Haryana	Panelist- Prof. Ian Abbott, Dr. Emily Henderson from University of Warwick, Dr. Nidhi Sabberwal from NUPEA, Dr. Renu Yadav
Oct. 10, 2017	Social Outreach Programme, A Play "Bejuban in Neighbouring School by Women Empowerment Cell at Govt. School, Sehlang	Dr. Bir Singh, Dr. Renu, Dr. Ranjan, and Group of students enacting play
Oct. 11, 2017	Faculty panel Discussion on Power of Adolescent Girls: vision for 2030, by Women Empowerment Cell	Panelist- Dr. A. P Sharma, Ms. Divya, Dr. Sneshsata, Dr. Jaswant, Dr. Pooja Walia
Oct. 12, 2017	Dance and Ragni Competitions for school students of Mahendergrah by Women Empowerment Cell Schools Govt. Schools of Jant, Pali, Dholi, Sehlang Private- RPS, Krishna, Modern	Guest of Honour- Ms. Anita Kundu, Mountaineer,
March 8, 2018	International Women's Day, Faculty Panel Discussion on "Time is Now: Rural and urban activists transforming women's lives" and Poster Competition on "Gender Sensitive Workplace"	

## **Activities of National Service Scheme**

Date	Activities
October 2-8, 2017	Participation of NSS Volunteers of National Integration Camp at Guru Jambheshwar University of Science & Technology, Hisar, Haryana
October 13, 2017	"Blood Donation Camp" Organized by NSS
November 19-25, 2017	Qaumi Ekta Week" (National Integration Week) Organized by NSS
March 24- 30,2018	ANNUAL NSS CAMP 2017-18, Organized by NSS

## **Activities of Youth Red Cross**

Date	Activities
May 29-31, 2017	Participation of Dr Renu & Dr Dinesh in Brigade Officer Training Camp at Mussoorie (UK)
September 15-20,2017	Participation of 5 Volunteers (Girls) along with Dr Renu Yadav, Counsellor of YRC in State-Level Youth Red Cross TrainingCamp at Vrindavan (UP)

October 2-8, 2017	Participation of 10 Volunteers (Girls) in NIC at Hisar (Haryana)	
October 13, 2017	3 <sup>rd</sup> Blood Donation Camp at Central University of Haryana	
28 <sup>th</sup> January to 2 <sup>nd</sup> Feb,2018	Participation of 6 VolunteersState-Level Youth Red Cross Training Camp at Panchkula	
March 12-16,2018	Participation of 11 Volunteers along in District-Level Youth Red Cross Training Camp at Narnaul	
March 25-29, 2018	Five Days "Yoga Shivir" Organized by Central University of Haryana YRC at Central University of Haryana Adopted Village Jant	
March 23-24, 2018	"First Aid Training" at Organized by Central University of Haryana YRC at Central University of Haryana	
March 23-24, 2018	"Home Nursing Training" Organized by Central University of Haryana YRC at Central University of Haryana	

# Group for the Promotion of Art, Culture and Heritage

Date	Activities
February 25-26, 2018	Annual Cultural Fest, 'SPANDAN'
August 15, 2018	Celebration of Independence Day
September 10, 2018	Play on Mahatma Gandhi staged
October 15, 2018	Cultural Evening under 'Ek Bharat Shresth Bharat'

# **Movie Club**

Date	MoveScreens
November 11, 2017	English Vinglish
February 3, 2018	Queen
February 4, 2018	Interstellar
February 10, 2018	Manjhi
February 11, 2018	Rang De Basanti

# **Book Reading Club**

Date	Activities	
November 10, 2017	Discussion on The Alchemist	
August 31, 2017	Discussion on Old Man and The Sea	

## Library of the University

There are two Libraries in the University, Library -1 and Library -2. Library -1 caters courses that are conducted in new academic blocks (09 Schools) and Library-2 caters courses conducted at old academic/administration blocks (02 Schools).

## The common features of both the Libraries are:

- Libraries are fully Wi-Fi enabled.
- Libraries are fully air conditioned.
- Libraries have reading halls for 40 to 50 persons.
- Libraries are managed by E-Granthalaya Library Management Software.
- Barcode enabled Issue Return of Books.
- Libraries provides screens to see how many books issued to them at Circulation Counter.
- Both Libraries offer Online Library Catalogue to know status of available books, reserve books, to know due date of books with fine etc.
- Offers Open Access E-resources through University Website.
- Provides Plagiarism check service through Turnitin Software.
- Provides Inter-Library Loan Service through DELNET.
- Manages Institutional Repository for M.Phil. & Ph.D. Theses and Dissertations of the University.
- Uploaded our University's 25 Ph.D. Theses on Shodhganga Theses and Dissertation repository of India.
- Conduct Internship for students of Library and Information Science Students for one month and six months.
- Conduct Library Tours for better understanding of Library resources and services.
- Libraries have Orientation/Training halls for students and staff equipped with ICT technologies like Projector, mike, speakers, live program, recorder, Wi-Fi etc.

Collection Type	Library-1	Library-2
Books	27412	1300
E-Books	World e-book Library	World e-book Library
Online resources/	ISID, NDLI, South Asia Archive	ISID, NDLI, South Asia Archive Online Databases
CD/DVD's	200	60
Reports	258	10
Magazines	19 (5 Hindi + 14 English)	22 (6 Hindi + 16 English)
Newspapers	13 (6 Hindi + 7 English)	11 (6 Hindi + 5 English)
Software	DELNET Inter Library Loan Software, Turnitin Plagiarism Software, Manupatra Law Software	DELNET Inter Library Loan Software, Turnitin Plagiarism Software
Theses & Dissertation	195	NA
Total Memberships	2346 members	548 members

## **Common Resources at Both the Libraries:**

Footfall Per Day	350 persons (15%)	110 persons (20%)
Average No. of Issued Books Per Day	150 books (12%)	25 books (37%)
Average No. of Books Returned Per Day	100 books (7.5%)	20 books (30%)

#### About the Library-1

Library -1 is located on front side of 3<sup>rd</sup> floor of Academic Block -IV in the University. It is having more than 27,412 volumes and subscribing 03 print journals in various subjects to serve 23 departments. We have subscription to World e-book Library and South Asia Archive offered through National Digital Library of India available through campus network to teachers, students and research scholars. CUH Library also promotes Open Access e-resources by offering e-PG Pathshala, and NPTEL etc. Inter Library Loan service is offered through DELNET. The Library endeavors to further improve all its efforts to facilitate right information to the right users at the right time.

#### Features of Library-1 (other than mentioned above as common features of both the Libraries):

Presents its services at the Big Screen at the Entrance of the Library-1.

- Headed and managed by One Assistant Librarian (In-Charge), One Information Scientist, One SPA, and Four Library Attendants.
- Two OPACs to check availability of books.
- Demonstrates different countries through flags.

#### About The Library-2

It caters the needs of students and faculty of School of Engineering & Technology and DDU Kaushal Kendra. Library 2 got established on June 1<sup>st</sup> 2018 and located at front side of 2<sup>nd</sup> floor of Old Academic Block of the University. It contains more than 13, 00 books on various subjects of Science & Technology to serve the B.Tech. &B.Voc. Programs run by School of Engineering & Technology and DDU Kaushal Kendra. Library-2 promotes Open Access e-resources by offering access to National Digital Library of India, NPTEL and Swayam. Inter Library Loan service is offered through DELNET. Readers may enjoy reading Newspapers, Magazines competitive books at Periodical Section of the Library. The Library endeavors to further improve all its efforts to facilitate right information to the right users at the right time. It is one of the liveliest places on the campus providing a safe, comfortable and friendly environment that enables learning and advancement of knowledge.

## Features of Library -2 (other than mentioned above as common features of both the Libraries):

- The Library can be reached by its Website : https://library2dotblog.wordpress.com/
- Offers Library Membership Online to its bonafide faculty and students.
- Presents its services at the Big Screen at the Entrance of the Library-2.
- Offers facility of E-Library with 22 computers open from 9 am to 8 pm.
- The CCTV cameras keeps surveillance within the whole Library.
- Discussion Café at Library facilitates students to discuss even if Library is closed.
- Conducts Communication Skills and Personality Development Course for UG students, PG students, and Research Scholars of the University.
- Conducts Orientation Programs and Library Tours to well verse the students and faculty with sources and services of the library.

- Conduct Programs for awareness on E-resources, Plagiarism and latest technology.
- Headed and managed by One Assistant Librarian (In-Charge), One SPA, and Two Library Attendants.

#### Central University of Haryana

