


## FACULTY PROFILE

Title (Ms/Mr/Dr/Prof)	<b>Dr.</b>	First Name	<b>Jitendra</b>	Last Name	<b>Kumar</b>	
<b>Designation</b>	Associate Professor					
<b>Department</b>	Geography					
<b>Address (Official)</b>	School of Basic Sciences, Central University of Haryana, Village - Jant-Pali, District – Mahendergarh (Haryana) -123031					
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<b>EDUCATION</b>			
<b>Subject</b>	<b>Board/University</b>	<b>Year</b>	<b>Details</b>
10 <sup>th</sup>	BSEH, Bhiwani	1998	First Division
12 <sup>th</sup>	BSEH, Bhiwani	2000	First Division
B.A.	M.D. University, Rohtak	2003	First Division
B.Ed.	M.D. University, Rohtak	2004	First Division
M.A. Geography	M.D. University, Rohtak	2006	First Division (First Position at UTD)
P.G. Diploma in Remote Sensing and GIS	M.D. University, Rohtak	2009	First Division (First Position)
Ph.D. Geography	M.D. University, Rohtak	2014	<b>Topic: MILLION CITIES IN INDIA</b> (A Geographic Analysis of Population Characteristics)
University Research Scholarship (URS)	M.D. University, Rohtak	2006	
National Eligibility Test (NET)	University Grant Commission (UGC)	2006	
Junior Research Fellow (JRF)	University Grant Commission (UGC)	2009	
Senior Research Fellowship (SRF)	University Grant Commission (UGC)	2011	

<b>AWARDS &amp; DISTINCTIONS</b>
1. <b>'Prof. N.P. Aiyar Young Geographer Award'</b> by NAGI (National Association of Geographers, India) in 40 <sup>th</sup> Indian Geography Congress held at Rajiv Gandhi Central University of Arunachal Pradesh, Itanagar on October 29-31, 2018.
2. <b>'Young Geographer Award'</b> by Institute of Indian Geographer (IIG), Pune in 37 <sup>th</sup> International Conference held at Kurukshetra University Kurukshetra, Haryana on February 11-13, 2016.
3. <b>'Young Geographer Award'</b> by Rajasthan Geography Association, Bhilwara in 43 <sup>rd</sup> National Conference held at Samrat Prithviraj Chauhan Government College, Ajmer on October 26-28, 2015.
4. <b>'Best Cartographer Award'</b> by NRDMS, DST, Government of India New Delhi, Sponsored National Level Winter School Training Programme in Geospatial Technologies organized by Dept. of Geography, Maharshi Dayanand University, Rohtak from 24 <sup>th</sup> November to 14 <sup>th</sup> December, 2016.
5. <b>Radha Krishan PG Merit Scholarship</b> in 2005, Maharshi Dayanand University, Rohtak

<b>CAREER PROFILE</b>			
<b>Organisation/Institution</b>	<b>Designation</b>	<b>Duration</b>	
		<b>From</b>	<b>To</b>
Central University of Haryana	Associate Professor	18-03-2022	Till Date
Central University of Haryana	Assistant Professor	18-03-2020	17-01-2022
Ch. Dheerpal Govt. College, Badli (Jhajjar)	Assistant Professor	29-11-2019	17-03-2020

Kishan Lal Public College, Rewari	Assistant Professor	21-09-2013	28-11-2019
<b>RESEARCH INTERESTS/SPECIALIZATION</b>			
Area of research includes Urban and Regional Planning, Remote Sensing and GIS Applications.			
<b>PROJECT COMPLETED</b>			
Mapping and Analysis of Land-Use/Land Cover of Kanpur City Using Geo-informatics' in PG Diploma in Remote Sensing and GIS (a part of NUIS project) Maharshi Dayanand University, Rohtak.			
<b>RESEARCH PAPER PUBLISHED (BEST FIVE)</b>			
<ol style="list-style-type: none"> <li>1. Kumar, J. (2015). Metropolises in Indian Urban System: 1901-2011. <i>European Journal of Geography</i>, 6(3), 41-51.</li> <li>2. Kumar, J. (2014). Origin and Regional Setting of Metropolises in India. <i>Current Urban Studies</i>, 2(3), 178.</li> <li>3. Kumar, J. (2014). Progress of urban literacy in India: Focus on metropolises. <i>Indian Journal of Geography and Environment</i>, 13, 70-77.</li> <li>4. Singh, N., &amp; Kumar, J. (2012). Urban Growth and its Impact on Cityscape: A Geospatial Analysis of Rohtak City, <i>Journal of Geographic Information System</i>, 4(1), 12-19.</li> <li>5. Kumar, J. (2011). Mapping and Analysis of Land-Use/Land Cover of Kanpur City Using Remote Sensing and GIS Technique, 2006. <i>Transaction, Institute of Indian Geographers</i>, 33(1), 43-54.</li> </ol>			
<b>PAPER PRESENTED IN INTERNATIONAL SEMINARS/CONFERENCES/ etc.</b>			
<ol style="list-style-type: none"> <li>1. A research paper presented on 'Magnitude and Condition of Slums in Haryana: 2011' in <b>International Conference</b> (Online) on 'Building Resilient and Sustainable Societies: Emerging Social and Economic Challenges' Organised by Department of Geography, Jamia Millia Islamia, New Delhi on November 25-26, 2020.</li> <li>2. Paper presented entitled "Covid-19 in Haryana: Trends, Preparedness and Responses". <b>International IGU-India E-Conference</b> on Implications of Covid-19 on Local &amp; Regional Sustainable Development: A Glocal Perspective organised by Osmania University, Hyderabad in collaboration with IGU Commission on Local and Regional Development; Commission on Geo-Heritage on 27-28 June, 2020.</li> <li>3. Paper presented entitled "Measuring urban sprawl of Gurugram city using open source satellite data". <b>International Conference</b> on Climate Change, Natural Disasters and Sustainable Development (IGU) organised by Govt. PG College, Panchkula held on February 22-24, 2019.</li> <li>4. Paper presented entitled "Growth, Development and Sustainability: A Geospatial Analysis of Rewari City". <b>International Conference</b> on Livable Cities: Transforming Sustainability and its Challenges organised by Shaheed Bhagat Singh College, University of Delhi, held on February 5-7, 2018.</li> <li>5. Paper presented entitled "Application of Geo-informatics in Measuring Urban Sprawl and Land Transformation in Rewari City". <b>IIG International Conference</b> on Land Resource Policies, Agriculture and Expanding Urban-Industrial Spaces organised by Kurukshetra University Kurukshetra on February 11-13, 2016.</li> <li>6. Paper presented entitled "Monitoring urban expansion and land-use/land cover change in Rohtak</li> </ol>			

*City using Remote Sensing and GIS techniques*". **3<sup>rd</sup> International Geographical Union (IGU) Conference on Geoinformatics for Biodiversity and Climate Change** organised by Maharshi Dayanand University, Rohtak on March 14-16, 2013.

7. Paper presented entitled "*Geospatial Technology and Census Data for City Management: A Case Study of Industrial City Kanpur*". **33<sup>rd</sup> IIG International Seminar** on Population, Development and Disaster Management organised by Department of Geography, Tripura University on February 8-11, 2012.
8. Paper presented entitled "*Mapping Adverse Sex Ratio in Haryana: Results from Census 2011*". **33<sup>rd</sup> IIG International Seminar** on Population, Development and Disaster Management organised by Department of Geography, Tripura University on February 8-11, 2012.
9. Paper presented entitled "*Urban Growth and its Impact on Cityscape: A Geospatial Analysis of Rohtak City*". **31<sup>st</sup> INCA International Conference** on Cartography for Disaster Management organised by Department of Geography, Panjab University, Chandigarh October 15-17, 2011.
10. Paper presented entitled "*Mapping and Analysis of Land-Use/Land Cover of Kanpur City Using Remote Sensing and GIS, 2006*". **32<sup>nd</sup> IIG International Conference**, India on Climate Change, Geo-Hazards and Disaster Management organised by Rajasthan University, Jaipur on January 17-19, 2011.

#### **PAPER PRESENTED IN NATIONAL SEMINARS/CONFERENCES etc.**

1. A research paper presented on 'Spatial Implications of Industrial-Urban Policy in Haryana' in **National Conference** (Online) on 'Climate Change and Pathways to Self-Reliant India' Organised by Department of Geography, Jamia Millia Islamia, New Delhi on 15-16 March, 2021.
2. Paper presented entitled "*Application of Geospatial Technology in Environmental Management*". **National Seminar** on Biodiversity and Environmental Challenges: Threats and Mitigation organised by Pt. Chiranji Lal Sharma Govt. College, Karnal held on February 8th, 2020.
3. Paper presented entitled "*Hindu Religion and Environmental Consciousness*". **National Seminar** on Environmental Impact of Today's Science and Social Arts on Our Civilization organised by Dronacharya Govt. College, Gurugram held on January 23, 2020.
4. Paper presented entitled "*Mapping Metropolises in Indian Urban System: A Geographical Analysis*". **40th Indian Geography Congress (NAGI)** organised by Department of Geography, Rajiv Gandhi Central University of Arunachal Pradesh, Itanagar held on October 29-31, 2018.
5. Paper presented entitled "*Use of Geospatial Technologies in Urban Sprawl Studies*". **National Seminar** on Urban Environment in the 21st Century: Issues and Challenges organised by Department of Geography, Jamia Millia Islamia University New Delhi held on 27-28th March, 2018.
6. Paper presented entitled "*Analysis of Urban Growth Surrounding NH-48 in NCR: A Case Study of Rewari City Sprawl using Geo-informatics*". **39th National NAGI**, Indian Geography Congress on Future Cities, Sustainable Development and Geospatial Technologies organised by Department of Geography Osmania University Hyderabad held on December 5-7, 2017.
7. Paper presented entitled "*Metropolises in India: From Past to Present*". **National Conference** of Kokan Geographers Association on Population, Environment and Sustainable Development

organised by Pt. Neki Ram Sharma Govt. College Rohtak on November 2-3, 2017.

8. Paper presented entitled "*Application of Geoinformatics in Monitoring of Urban Sprawl, Development and Land Transformation in Rewari City*". 43rd Rajasthan Geography Association, **National Conference** on Urban Growth: Environmental Challenges and Responsibilities with Special Reference to Rajasthan organised by Samrat Prithviraj Chauhan Government College, Ajmer on October 26-28, 2015.
9. Paper presented entitled "*Analysis of Slum Situation in Haryana*". **National Conference** on Rural Transformation in India: Challenges, Opportunity and Strategies organised by Maharshi Dayanand University, Rohtak held on October 17, 2015.
10. Paper presented entitled "*Metropolises in Indian Urban System*". **36th NAGI Indian Geography Congress** on Urban System, Rural Livelihoods Security and Resource Management organised by Rajasthan University, Jaipur on November 17-19, 2014.
11. Paper presented entitled "*Geospatial Technology for Efficient Urban Planning*" in 13th **National Conference** of Association of Punjab Geographers, Karnal from 6-7 October, 2012.
12. Paper presented entitled "*Analysis of changing land use/land cover of Rohtak City using Remote Sensing and GIS Technique*" in 13th **National Conference** of Association of Punjab Geographers, Karnal from 6-7 October, 2012.
13. Paper presented entitled "*Population growth and spatial development of Rohtak city: A Geospatial Approach*". **National Seminar** on Development and Social Transformation organised by Maharshi Dayanand University Rohtak on February 24-25, 2012.
14. Paper presented entitled "*Detecting Slums from High Resolution Satellite Data: A Case of Industrial City Kanpur*". **National Seminar** on Degradation of Environment and its Impact on Mankind, Vaish College, Rohtak on March 21-22, 2012.
15. Paper presented entitled "*Urban Growth and its Impact on Land-Use Change in Rohtak City Using Remote Sensing and GIS Technique*". **National Seminar** on Application of Remote Sensing and GIS in Geography organised by Kishan Lal Public College, Rewari on March 4-5, 2011.
16. Paper presented entitled "*Slums in India: A Focus on Metropolitan Cities, 2001*". **32nd National Association of Geographers, India (NAGI) Conference** on Regional Development: Vision 2020 organised by Department of Geography, Panjab University, Chandigarh on November 19-21, 2010.

#### **ATTENDED NATIONAL/INTERNATIONAL WEBINAR**

17. Attended one day webinar on '*How to access Taylor & Francis Journals and e-Books*' organized by Taylor & Francis Group on 22<sup>nd</sup> July, 2020.
18. Attended one day international webinar on '*Changing Global Scenario after Covid-19: Environmental, Social Economical and Geopolitical Dimensions*' organized by Govt. College, Rajpur, District –Balrampur-Ramanujganj, Chhattisgarh, India on 18th July, 2020.
19. Attended a national webinar on '*Covid-19 and Population Migration: Socio-Economic Impact*' organized by NSS Cell of Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh on July 11, 2020.
20. Attended one day national webinar on '*Techniques in Qualitative Research*' organized by

Department of Psychology and School Education, Central University of Haryana on 12th June, 2020.

21. Attended one day webinar on '*Water Resources: Challenges and Research Needs*' organized by Department of Civil Engineering & the Students' Chapter of Indian Water Resources Society (IIT Roorkee) of Central University of Haryana on 9th June, 2020.
22. Attended one day national online conference on '*Future Cities, Sustainable Development and Geospatial Technologies*' organized by Department of Studies and Research in Geography, Rani Channamma University, Vidyasangama, Karnataka on 24<sup>th</sup> May, 2020.
23. Attended one day international webinar on '*Future of Geoinformatics Technology*' organized by Department of Geography, Faculty of Earth, Environment and Space Science, Chaudhary Bansi Lal University, Bhiwani on 4<sup>th</sup> May, 2020.

#### **CHAired/CO-CHAired TECHNICAL SESSION IN CONFERENCE**

24. Co-chaired a technical session in 39th NAGI National conference in Osmania University, Hyderabad on December 5-7, 2017.

#### **LECTURES/TALKS DELIVERED**

1. Delivered lecture entitled '*Aerial Photographs and their types*' at R.D.S. Public Girls College on 26 March, 2019.
2. Delivered lecture entitled '*Application of Remote Sensing and GIS in Geography*' at Govt. College Kharkhara on March 12, 2019.
3. Delivered lectures entitled '*Introduction of Aerial Photographs and their types*' and '*Identification of features on FCC image*' at R.D.S. Public Girls College on 13 March, 2015.
4. Delivered lectures entitled '*Interpretation of Aerial Photographs*' and '*Interpretation of Satellite Imageries*' at Kishan Lal Public College, Rewari on May 28, 2011.

#### **WORKSHOP/TRAINING PROGRAMS/FDP/MOOCs**

5. Successfully completed one week online training programme on '*ICT Tools for Teaching, Learning and Administration*' Organized by Department of Electronics and Communication, J. K. Institute of Applied Physics & Technology, University of Allahabad from August 04 – August 10, 2020.
6. Successfully completed five week online programme on '*Spatial Analysis and Satellite Imagery in a GIS*' organized by University of Toronto through Coursera completed on July 24, 2020.
7. Successfully completed '*Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials*' conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun, from 13-06-2020 to 01-07-2020.
8. Successfully completed five days national webinar (training programme) on '*Uses of SPSS Software in Research Methodology*' organized by Department of Geography, Islampur College in collaboration with I.I.A.R.I. from 6<sup>th</sup> June, 2020 to 11<sup>th</sup> June, 2020.
9. Successfully completed twenty one days UGC sponsored Refresher Course on '*Research and Teaching*

*Methodology*’ held in Guru Nanak Dev University, Amritsar from June 20 to July 10, 2017 and obtained Grade ‘A’.

10. Successfully completed six week online MOOC programme on ‘*Cartography*’ organized by ESRI completed on May 28, 2020.
11. Participated in one day faculty development programme National Webinar entitled ‘*e-Content Development Methodology: Four Quadrant Model, OERs and Copyright issues*’ organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD held on 15<sup>th</sup> May, 2020.
12. Participated in one day national level faculty development programme on ‘*MOOCs, E-Learning and E-Content in Higher Education*’ organized by Department of Collegiate Education Government First Grade College for Women, Chamarajpet, Bangalore on 13<sup>th</sup> May, 2020.
13. Successfully completed twenty eight days UGC sponsored ‘*Orientation Programme*’ held in Guru Jambheshwar University of Science & Technology, Hisar from November 16 to December 12, 2015 and obtained Grade ‘A’.
14. Successfully completed twenty one days National Level Winter School Training Programme on ‘*Geospatial Technologies*’ sponsored by NRDMS, DST, Government of India New Delhi, organized by Dept. of Geography, Maharshi Dayanand University, Rohtak from November 24 to December 14, 2016.
15. Participated in a two days workshop on ‘*Quality Assurance and Accreditation*’, sponsored by NAAC (National Assessment and Accreditation Council), organized by IQAC (Internal Quality Assurance Cell), Maharshi Dayanand University, Rohtak on March 19-20, 2015.
16. Participated in seven days workshop on ‘*Research Methodology in Social Science*’, sponsored by ICSSR, North-Western Regional Centre (P.U. Chandigarh), organized by Dept. of Education, Maharshi Dayanand University, Rohtak on November 7-13, 2011.
17. Participated in ten days workshop on ‘*Application of Remote Sensing and GIS in Natural Resource Management*’, sponsored by NRDMS, DST, Government of India New Delhi, organized by Dept. of Geography, Maharshi Dayanand University, Rohtak on May 16-25, 2011.

#### **MEMBER ORGANISING WEBINAR/LECTURE SERIES**

##### **Under Training and Placement Cell:**

1. **Panel Discussion** on the Topic “**Industry Academia Collaboration to Bridge Skill Gap**” on 28<sup>th</sup> August, 2021.
2. **Webinar** on “**Wrong Side of the Road**” Training and Placement Cell in collaboration with Department of Civil Engineering and National Service Scheme, Central University of Haryana on 29<sup>th</sup> November 2021.
3. **Training Program** on “**Career Enhancement Skills**” in collaboration with Department of Management Studies, Central University of Haryana on 15<sup>th</sup> December, 2021.
4. Training program on the “**Capacity Building & Personality Development Program (PDP) for Girl Students**” in collaboration with National Commission for Women. Four Programmes were organised:
  - (i) **First program** was held on September 20, 2021. Eminent Speaker: Prof. Tankeshwar Kumar,

Vice Chancellor, Central University of Haryana, Ms. Rekha Sharma, National Commission for Women (NCW) New Delhi, Ms. Sumedha Kataria (Retired) I.A.S., Ms. Janice Verghese (Member of the Cyber Peace Foundation), Prof. Sanjiv Kumar, Dean Academic Affairs, Central University of Haryana.

- (ii) **Second program** was held on September 21, 2021. Eminent Speaker: Prof. Tankeshwar Kumar, Vice Chancellor, Central University of Haryana, Prof. Sushama Yadav (Member of UGC, Ex-Vice Chancellor of Bhagat Phool Singh Mahila Vishwavidyalay, Khanpur, Kalan, Haryana), Dr. Neeru Snehi (Professor, NIEPA, Delhi), Ms. Janice Verghese (Member of the Cyber Peace Foundation), Dr. Arun Khanna (Executive Leader – General Manager/ Department, Business Unit Head).
- (iii) **Third program** was held on October 5, 2021. Eminent Speaker: Prof. Tankeshwar Kumar, Vice Chancellor, Central University of Haryana, Ms. Sunita Duggal (Member of Parliament, Sirsa), Dr. Pratima Khandelwal (Founder of Fly High...), Ms. Janice Verghese (Member of the Cyber Peace Foundation).
- (iv) **Fourth program** was held on November 20, 2021. Eminent Speaker: Prof. Tankeshwar Kumar, Vice Chancellor, Central University of Haryana, Ms. Sunita Duggal (Member of Parliament, Sirsa), Dr. Pratima Khandelwal (Founder of Fly High...), Ms. Janice Verghese (Member of the Cyber Peace Foundation).

5. **Member Organizing Committee**, National Webinar, organized by Department of Geography on ‘Space Technology for Science-Policy Interface: Indian Experience’ on 13<sup>th</sup> December, 2020.

6. **Member**, National Level Poster Making Committee in India International Science Festival (IISF), December, 2020.

7. **Co-Convener** of an online lecture Series in the Department of Geography, Central University of Haryana, Mahendergarh, the details of which are given below-

1. Online Lecture delivered by Prof. R. B. Singh, Ex-Professor and Head, Department of Geography, Delhi School of Economics, University of Delhi; Secretary General: International Geographical Union (IGU); Member-International Science Council (ISC)-Scientific Committee-UHW on the topic, “Data collection for Geographical Research” on 3rd of April, 2021.

2. Online Lecture delivered by Prof. B. S. Butola, Ex-Professor, Centre for the study of Regional Development, School of Social Science, JNU, Delhi on the topic, “Pandemic and shifts in Sustainability and Vulnerability Paradigm with Special reference to Region Development” on 9th of April, 2021.

3. Online Lecture delivered by Prof. Shahab Fazal, Department of Geography, Faculty of Sciences, Aligarh Muslim University, Aligarh on the topic, “Rural-Urban Transition in India: A Perspective on Planning” on 12th of April, 2021.

4. Online Lecture delivered by Prof. Atiqur Rahman, Department of Geography, Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi on the topic, “Water Resources and Global Warming in the Urbanized World” on 13th of April, 2021.

5. Online Lecture delivered by Prof. J.S. Rawat, Department of Geography, SSJ University, Almora on the topic, “g-Governance” on 15th of April, 2021.

8. **Member Organizing Committee** of International Online Lecture Series on the theme “COVID-19: Issues, Policies and Challenges’ organized by Department of Geography in collaboration with the Department of Political Science in in the month of June, 2021. the details of which are given below-

1. Online Lecture delivered by Shri. Subhendu Jyoti Sinha, Adviser, NITI Aayog, Govt. of India on the topic, “Mobilising International Assistance for mitigating COVID-19 pandemic” on 4<sup>th</sup> June, 2021.

2. Online Lecture delivered by Andrin Raj, Director, Nordic Counter Terrorism, Helsinki, Finland and Regional Director for the International Association for Counterterrorism and Security Professionals (IACSP)-Center for Security Studies, Kuala Lumpur, Malaysia on the topic, “COVID-19: A

Biological Threat” on 26<sup>th</sup> June, 2021.

3. Online Lecture delivered by Prof. Siddharth Gupta, Faculty with FMS University of Delhi for Comparative Global Health Administration & Chief Healthcare Administrator with Anti Corona Task Force Covid 19 Health Care Provider on the topic "COVID-19 Management & Best Practices: Home care Guidelines, Diagnostic Investigation & Importance Points in Post COVID-19 Recovery" on 2nd July 2021.
4. Online Lecture delivered by Dr. Amresh Kumar Singh, Honourable Member of Parliament, Federal Democratic Republic of Nepal on the topic "Impact of COVID-19 Crisis on Indo-Nepal Relations: A Geopolitical Perspective" on 5<sup>th</sup> July 2021.
5. Online Lecture delivered by Prof. Nirmala Devi Gopal. Dean and Head, School of Applied Human Sciences, University of KwaZulu Natal, South Africa on the topic “India vs South Africa: Strategic Responses to COVID-19” on 12<sup>th</sup> July 2021.

#### **MEMBERSHIP OF PROFESSIONAL BODIES**

1. Life-time Membership of National Association of Geographers, India (NAGI), New Delhi
2. Life-time Membership of Indian Institute of Indian Geographers (IIG), Pune
3. Life-time Membership of Geographical Society of West Bengal
4. Life-time Membership of Geographer’s Association Goa

#### **ADMINISTRATIVE RESPONSIBILITIES**

1. Head, Department of Geography
2. Deputy Director, Training and Placement Cell

The information given above is true to the best of my knowledge

Dr. Jitendra Kumar