




Faculty Details



Title	Dr.	First Name	Ramashray	Last Name	Prasad	Photograph
Designation	Professor					
Address	Department of Geography Dr. Bhim Rao Ambedkar College (University of Delhi) Main Wazirabad Road, Yamuna Vihar Delhi PIN 110094					
Phone No Office	011-22814126					
Email/ Web-Page	drprasad2007@gmail.com					
Educational Qualifications						
Degree		Institution			Year	
Ph. D		Department of Geography University of Delhi			2000	
M. Phil		Department of Geography University of Delhi, Delhi			1987	
UGC JRF with Fellowship		University Grant Commission (UGC) New Delhi			1986	
M.A.		Department of Geography (CSRD) Jawahar Lal University, New Delhi			1984	
B.A. (Geog Hons.)		Patna College, Patna University, Patna			1982	
I.A. (Intermediate of Arts)		Patna College, Patna University, Patna			1979	
11 th Class (Matriculation)		Bihar School Examination Board Patna			1977	
Certificate Course in Remote Sensing		Digital Image Analysis in the field of Remote Sensing Technology conducted at Regional Remote Sensing Service Centre (RRSSC), Nagpur			June 13-24, 1989	
Workshop on Aerial Photograph		Participated in the Workshop on the Study of Aerial Photograph organized by the Survey of India, Pushpa Bhawan, New Delhi				
Workshop on Computer Application in Geography		Participated in the Workshop on Computer in Geographical Data Analysis conducted by the Department of Geography and the D.U. Computer Centre, University of Delhi, Delhi			October 01-15, 1991	

Workshop on ICT	Participated in the Information and Communication Technology Workshop for Capacity Building of Delhi University Faculty conducted by the Institute of Lifelong Learning (ILL), University of Delhi	December 10-18, 2009
Career Profile		
<ol style="list-style-type: none"> 1. Lecturer in Geography, K.M. College, University of Delhi (1991). 2. Lecturer in Geography, Shaheed Bhagat Singh College (Eve), University of Delhi (1991-1995). 3. Lecturer in Geography, B.R. Ambedkar College, University of Delhi (1995-1998). 4. Senior Lecturer in Geography, B.R. Ambedkar College, University of Delhi (1998-2002). 5. Reader in Geography, B.R. Ambedkar College, University of Delhi (2002-2005). 6. Associate Professor in Geography, B.R. Ambedkar College, University of Delhi (2005-2006). 7. Colombo Plan (Govt of India Scheme) Associate Professor, Sherubtse College, Royal University of Bhutan (2010-12). 8. Associate Professor in Geography, B.R. Ambedkar College, University of Delhi (2012-21). 9. Professor of Geography, B.R. Ambedkar College, University of Delhi (2022 contd.). 		
Administrative Assignments		
<ol style="list-style-type: none"> 1. Teacher-in-Charge of Geography 1995-96 2. Teacher-in-Charge of Geography 1996-97 3. Teacher-in-Charge of Geography 1997-98 4. Teacher-in-Charge of Geography 2004-05 5. Teacher-in-Charge of Geography 2014-15 6. Teacher-in-Charge of Geography 2020-21 7. Teacher-in-Charge of Environmental Science 2022-23 <p>Since the college is administered by the Principal of the college through various committees, I was convenor, co-convenor and member of the several committees during all these years.</p>		
Areas of Interest / Specialization		
Geomorphology Climatology Biogeography Cartography Environmental Studies Sustainable Resource Management		
Subjects Taught		
Papers taught in different semesters under different syllabi revisions: Geomorphology Climatology		

Oceanography

Hydrology and Oceanography

Biogeography and Biodiversity

Physical Geography

Geography of Environment

Environmental Geography

General Cartography (Practical)

Thematic Cartography (Practical)

Digital Cartography (Practical)

Statistical Methods in Geography (Practical)

Field Work and Research Methodology (Practical)

Research Guidance

Guided one Ph. D. Thesis successfully registered with University of Delhi on the topic: FLOODS AND RELATED GEOMORPHIC HAZARDS IN LOWER GANDAK RIVER BASIN, BIHAR, submitted in 2019 and degree was awarded in 2020.

Publications Profile

1. Prasad, R and J. Rishideo (December 2021) Soil Characteristics and Land Use in Flood Prone Lower Gandak Plain, in *International Journal of Applied Research*, Vol. 7(12) pp. 148-158, ISSN: 2394-5869. www.allresearchjournal.com/archives/2021/vol7issue12/PartC/7-12-44-469.pdf
2. Prasad, R (December 2021) Changes in Gradient and Bed Profile in Geomorphological Study: A Case of the Kosi River in Plain, in *International Journal of Applied Research*, Vol. 7(12), pp 232-242, ISSN: 2394-5869. www.allresearchjournal.com/archives/?year=2021&vol=7&issue=12&part=D&ArticleId=9250
3. Prasad, R. (December 2021) Channel Planform Changes within two Embankments of Kosi:1975-86, in *International Journal of Research and Review*, Vol. 8(12) pp. 356-373, ISSN: 2349-5162. <https://www.jetir.org/view.php?paper=JETIR2112199>
4. Prasad, R and J. Rishideo (December 2021) Sediment Load Concentration and Resultant Channel Planform in the Lower Gandak Plain, in *International Journal of Research and Review*, Vol. 8(12) pp. 356-373, E-ISSN: 2349-9788; P-ISSN: 2454-2237. www.ijrrjournal.com/IJRR_Vol.8_Issue.12_Dec2021/IJRR044.pdf
5. Prasad, R and J. Rishideo (December 2021) Extent of Damage and Life Loss due to Flooding in the Lower Gandak Plain, in *International Journal of Advanced Research and Review*, Vol. 6(12) pp. 17-32, ISSN: 2455-7277. <https://www.researchgate.net/profile/Ramashray-Prasad/publication/357254005>

6. Prasad, R and J. Rishideo (November 2021) Analysis of Sediment Load and its Concentration in the Lower Gandak Flood Plain, North Bihar, in *Journal of Emerging Technologies and Innovative Research*, Vol. 8(11) pp. c92-c108, ISSN: 2349-5162.
<https://www.jetir.org/papers/JETIR2111213.pdf>
7. Prasad, R and J. Rishideo (October 2021) Geomorphology and Its Different Parameters in the Flood Prone Lower Gandak Plain, in *International Journal of Advanced Research*, Vol. 9(10) pp. 74-85, ISSN: 2320-5407. www.journalijar.com/uploads/61c5e70ad33ed_IJAR-37375.pdf
8. Prasad, R. (November 2014) Wrath of the Kosi (**in Hindi**) in *Sablog* Vol 6(11) pp 29-31. ISSN: 277-5897
9. Prasad, R and S. Dorji (December 2011) Earthquake and Landslide Vulnerability: Some Selected Studies from Bhutan, in *Sherub Doenme*, Vol. 11(1&2) pp 23-31, ISSN: 1027-0922.
<https://www.oalib.com/research/2719612>
10. Prasad, R (December 2010) Landslide Taxonomy and Vulnerability in Eastern Bhutan, in *Sherub Doenme*, Vol. 10(1&2) pp 43-51.
https://www.researchgate.net/publication/267423539_Landslide_Taxonomy_and_Vulnerability_in_Eastern_Bhutan
11. Prasad, R. (December 2000) Progression of the Kosi Channels, in *ANNALS of the National Association of Geographers, India*, Vol. 20(2) pp. 47-65, ISSN: 0970-972X.
https://www.researchgate.net/publication/357252895_Channel_Planform_Changes_within_two_Embankments_of_Kosi_1975-86
12. Prasad, R. (2021) Impact of Physical Factors on Transboundary Water Management and Governance in the Kosi Basin, in B. Thakur, R.R. Thakur, S. Chattopadhyay and R.K. Abhay (eds) *Resource Management, Sustainable Development and Governance: Indian and International Perspectives*, Springer Nature, Dordrecht, Switzerland AG, pp 225-339. ISBN: 978-3-030-85838-4.
https://link.springer.com/chapter/10.1007/978-3-030-85839-1_14
13. Yousuf, A., S. Ara, S.I. Ahmad, R. Prasad and B.R. Thakur (2020) Remote Sensing and GIS Based Morphometric Analysis of a Micro-watershed, in A. Rahman, S. Parveen and M. Tahir (eds) *Urban Environment: Issues and Challenges*, R.R. Books: New Delhi, pp 323-339. ISBN: 978-93-82847-99-1.
https://www.researchgate.net/publication/342656195_Remote_Sensing_and_GIS_based_Morphometric_Analysis_of_a_Microwatershed
14. Prasad, R. and J. Rishideo (2018) Peak Discharge Analysis for Flood Management in Lower Gandak Basin, in Suraj Mal, R.B. Singh and Christian Huggel (eds) *Climate Change, Extreme Events and Disaster Risk Reduction: Towards Sustainable Development Goals*, Springer Nature: Cham, Switzerland, pp 295-309. ISBN: 978-3-319-56468-5.
https://link.springer.com/chapter/10.1007/978-3-319-56469-2_20

15. Prasad, R (2017) Gross National Happiness: The Development Philosophy of Bhutan, in B. Thakur, H.S. Sharma, S. Mishra, S. Chattopadhyay and S. Singh (eds) Regional Development: Theory and Practice, Vol. 2: Measuring Development, Concept Publishing Company: New Delhi, India, pp. 1-22. ISBN: 978-93-5125-204-7. https://www.researchgate.net/profile/Christopher-Bryant-3/publication/321934450_Volume_2_pre/data/5a39b3ef0f7e9baa5017ad29/Volume-2-pre.pdf?origin=publication_list
16. Prasad, R. (2015) Community Forestry and Management of Forest Resources in Bhutan, in Ashok K. Dutt, Allen G. Noble, Frank J. Costa, Sudhir K. Thakur, Rajiv R. Thakur and Hari S. Sharma (eds) Spatial Diversity and Dynamics in Resources and Urban Development, Vol. 1: Regional Resources, Springer Nature, Dordrecht, Switzerland AG, pp. 461-481. ISBN: 978-94-017-9770-2. https://link.springer.com/chapter/10.1007/978-94-017-9771-9_25
17. Prasad, R. (2013) Natural Geological Disasters in a Himalayan Mountainous Country: Bhutan, in Pankaj Thapa and Bimal Sharma (eds) Geo-View: Environment, Population and Development Issues of Bhutan, Centre for Climate Change and Spatial Information, Kanglung, Bhutan, pp 1-22. ISBN: 978-99936-655-2-6.
18. Prasad, R. (2010) A Brief Look at Diastrophism: Slow Processes, in Geo-Views: The Geographical Society of Geography Department and Planning, Sherubtse College, Royal University of Bhutan, pp 4-11.
19. Prasad, R. (2009) Flood Estimation of Kosi River, in A. Kumar, R.S. Kushwaha and B. Thakur (eds) Earth System Sciences, Vol. 2, Concept Publishing Company: New Delhi, India, pp. 510-538, ISBN: 978-81-8069-617-6
20. Prasad, R. (2008) Land Degradation Due Channel Shift: A Case Study of the Kosi Embankment Area, in B. Thakur (ed) Perspectives in Resource Management in Developing Countries: Ecological Degradation of Land, Vol. 3, Concept Publishing Company: New Delhi, India, pp. 178-196. ISBN: 97881-8069-488-2.
21. Prasad, R. and B. Thakur (2005) Floods, Embankments and Development in the Lower Kosi Plain, in B. Thakur, V.N.P. Sinha, M. Prasad, N. Sharma, Rana Pratap, R.B. Mandal and R.B.P. Singh (eds) Urban and Regional development in India, Vol. 2, Concept Publishing Company: New Delhi, India, pp. 632- 657. ISBN: 81-8069-198-5.
22. Prasad, R. (2002) Recent Changes in the Bed Level of Kosi in the Plain, in S.K. Tandon and B. Thakur (eds) Recent Advances in Geomorphology, Quaternary Geology and Environmental Geosciences: Indian Case Studies, Manisha Publications: New Delhi, India, pp. 157-180. ISBN: 81-87740-01-9.

1. Delivered lecture on **River Morphology in India: A Cross Examination**: Special Invited lecture as a Resource Person in the Refresher Course in Geography at JNU, New Delhi, sponsored by UGC-HRDC, JNU: 20 October 2021.
2. Delivered lecture on **Spatio-Temporal Analysis of Lightning Disaster over India: Lessons for Mitigation**: Presented a paper entitled in the Online International Conference held between 10 to 12 September 2021 sponsored by The Deccan Geographical Society of India (Pune) and Centre for Geographical Studies (Patna): 11 September 2021.
3. Delivered lecture on **Air Pressure and Winds**: Special invited lecture as Resource Person in Online Training/ Workshop Mode for Delhi Government School PGT Lecturers. It was Live streamed: <https://www.youtube.com/watch?v=7C32IOUYne4> And it is also available on the day of Submission of this application: 24 October 2020.

Delivered lecture on **Endogenic and Exogenic Process**: Special invited lecture as Resource Person in Online Training/ Workshop Mode for Delhi Government School PGT Lecturers. It was Live streamed: <https://www.youtube.com/watch?v=rTjYKlpKRxA&t=34s> And it is also available on the day of Submission of this application: 23 October 2020.
4. Delivered lecture on **Atlantic Ocean Floor Topography**: Special Invited Online lecture in Workshop Mode for Miranda Students House, University of Delhi: 6 February 2020.
5. Delivered lecture on **Typology of Ocean Floor Topography**: Special Invited Online lecture in Workshop Mode for Miranda Students House, University of Delhi: 6 February 2020.
6. Delivered lecture on **Evolution of Ocean Floor**: Special Invited Online lecture in Workshop Mode for Miranda Students House, University of Delhi: 5 February 2020.
7. Delivered lecture on **Dynamics of River Morphology**: Special Invited lecture as a Resource Person in the Refresher Course in Geography at JNU, New Delhi, sponsored by UGC-HRDC, JNU: 17 September 2019.
8. Delivered lecture on **Ozone and Life on the Earth**: Special Invited lecture at District Institute of Education and Training (DIET), Dilshad Garden, Delhi: 16 September 2019.
9. Delivered lecture on **Ozone Layer: Our Life Line**: Special Invited lecture at District Institute of Education and Training (DIET), Dilshad Garden, Delhi: 18 September 2018.
10. Delivered lecture on **Insolation, Atmospheric Temperature and Associated Resultants** for In-Service Course of PGT – Geography, Kendriya, Sector 8, Rohini, New Delhi (National Participants): 25 December 2016.
11. Delivered lecture on **Climate of India with Special Reference to Origin of Monsoon** for In-Service Course of PGT – Geography, Kendriya, Sector 8, Rohini, New Delhi (National Participants): 21 December 2016.
12. Delivered lecture on **Air Mass, Frontogenesis and Cyclone** for In-Service Course of PGT – Geography, Kendriya (MHRD, Govt. of India) Vidyalaya No 1, Air Force Station, Gurgaon (National Participants): 31 December 2015.

13. Delivered lecture on **Upper Air Circulation** for In-Service Course of PGT – Geography, Kendriya (MHRD, Govt. of India) Vidyalaya No 1, Air Force Station, Gurgaon (National Participants): 26 December 2015.
14. Delivered lecture on **Interior of the Earth** for In-Service Course of PGT – Geography, Kendriya (MHRD, Govt. of India) Vidyalaya No 1, Air Force Station, Gurgaon (National Participants): 26 December 2015.
15. Delivered lecture on **Minerals and Rock Structure** for In-service Education Programme, SCERT, New Delhi: 7 May 2015.
16. Delivered lecture on **Internal Mechanism of Earthquake** for In-service Education Programme, SCERT, New Delhi: 6 May 2015.
17. Delivered lecture on **Landforms and their Development** for In-service Education Programme, SCERT, New Delhi: 5 May 2015.
18. Delivered online lecture on **Ocean Temperature, Salinity and Associated Resultants**, Consortium for Educational Communication: An Autonomous Inter-University Centre of University Grant Commission on Electronic Media: 19 July 2014. It is still available on date of submission of this document on: https://www.youtube.com/watch?v=G600jug9z_E
19. Delivered online lecture on **Bottom Topography of Ocean Floors**, Consortium for Educational Communication: An Autonomous Inter-University Centre of University Grant Commission on Electronic Media: 17 July 2014. It is still available on date of submission of this document on: <https://www.youtube.com/watch?v=14254OPxqyQ>
20. Delivered a Lecture on **“Fluvial Geomorphic Processes and Landform Development”** for In-Service Geography School Teachers in Jamia Millia Islamia University on May 05, 2014.
21. Participated in the UGC-SAP DRS – 2nd National Seminar on Natural Resources, Inclusive Growth and Development at the Department of Geography, University of Delhi during March 27-28, 2009.
22. Participated in the National Seminar on Food Security in India: Problems and Prospects at the Department of Geography, Kirori Mal College, University of Delhi during December 11-12, 2008.
23. Participated in a Conference on “Environment – Awareness – Enforcement” organized by AISA Pacific Jurist Association at New Delhi during January 20-22, 2006.
24. Participated in the Seminar on Mega Cities Fringe Dynamism at Department of Geography, Aditi Mahavidyalaya, University of Delhi during January 30-31, 2004.
25. Participated in the UGC-SAP National Seminar on Resources and Regional Planning: Issues and Challenges at the Department of Geography, University of Delhi during March 04-05, 2003.
26. Paper Presented on **Recent Changes in the Bedlevel of the Kosi**, in the UGC sponsored Refresher Course in Geography at Jamia Millia Islamia, New Delhi on January 29, 2003.
27. **A Quantitative Estimate of Changing Channel Geometry: Kosi River in the Plain**, 24th Annual Conference of the National Association of Geographers, India (NAGI) at L.N. Mithila University, Darbhanga; December 28-30, 2002.

28. **Isostatic Balance and Lithospheric Adjustment**, Department of Geography, Shaheed Bhagat Singh (Evening) College, University of Delhi on February 28, 2002.
29. **Changing Cross-Sectional Profile of the Kosi: Downstream to Bhimnagar Barrage**, 23rd Annual Conference of the National Association of Geographers, India (NAGI) at Dr. H. S. Gaur University, Sagar December 27-30, 2001.
30. Paper presentation on **Dynamics in Changing Channel Pattern in the Plain: A Case Study of Kosi River**, in the UGC Sponsored Refresher Course in Geography at the Department of Geography, M.D. University Rohatak on December 13, 2001.
31. **Flood Dynamics of Land–Water Interplay within the Kosi Embankment Area**, 11th Annual conference of Indian Institute of Geomorphologists (IGI) at the Department of Geography, North Bengal University Silliguri; February 11-13, 2000.
32. Delivered lecture on **Development of Karst Landform**, Department of Geography Shaheed Bhagat Singh (Evening) College, University of Delhi on November 17, 1999.
33. Delivered lecture on **Dynamics of Oceanic Tides**, Department of Geography Shaheed Bhagat Singh (Evening) College, University of Delhi on December 15, 1998.
34. **Empirical Flood Estimation for the Kosi River**, 9th Annual Conference of Indian Institute of Geomorphologists (IGI) at the Department of Geography, University of Delhi; January 30-February 1, 1998.
35. Participated in the 29th Annual International Regional Science Conference at the Department of Geography, University of Delhi, Delhi; January 31-February 2, 1997.
36. **Dynamics of Changing Channel Geometry, Kosi River North Bihar**, 18th Annual Conference of the National Association of geographers, India (NAGI) at North-Eastern Hills University, Shillong; October 28-31, 1996.
37. **Dynamics of Land and water Character within the two Embankments of Kosi**, 17th Annual Conference of the National Association of Geographers, India (NAGI) at the University of Jammu, Jammu; December 28-31, 1995.
38. **Land Degradation Due to Channel Shift: Kosi Embankment Area**, 16th Annual Conference of the National Association of Geographers, India (NAGI) at the NRSA, Hyderabad; December 26-29, 1994.
39. **Changes in the Kosi Bed Level in the Plain**, 14th Annual Conference of the National Association of Geographers, India (NAGI) at the Department of geography, Jaipur Univesity, Jaipur December 27-29, 1992.
40. **Progression of the Kosi Channels in the Plain**, 13th Annual Conference of the National Association of Geographers, India (NAGI) at the Department of Geography, Patna University, Patna December 27-29, 1991.
41. **Changing Courses of the Kosi River in the Plain**, 12th Annual Conference of the National Association of Geograhers, India (NAGI) at the Department of Geography, Dharmendrasinghji Arts College, Rajkot; December 26-28, 1990.

<p>42. Changes in Longitudinal Profile of the Kosi Embankment Area: 1958-84, 3rd Annual Conference of Indian Institute of Geomorphologists (IGI) at University of Poona, Pune; November 20-28, 1990.</p> <p>43. Quantitative Analysis of Source Region of Damodar River, 10th Annual Conference of the National Association of Geographers, India (NAGI), University of Mysore at Mysore, December 20-22, 1990.</p> <p>44. A Quantitative Assessment of Recent Changes in Channel Geometry: Kosi River, North Bihar; 1st Annual Conference of the Indian Institute of Geomorphologists (IGI), Andhra University at Vishakhapatnam, October 28-30, 1988.</p> <p>45. Downstream Changes in Channel Form within the two Embankments of Kosi since 1958, International Symposium on the Impact of Riverbank Erosion, Flood Hazard and the Problems of Population Displacement at Dhaka, Bangladesh (presented by co-author, Professor S.K Pal), July 14-16, 1988.</p> <p>46. Channel Geometry as an Index of River Dynamics: The Case of Kosi River; 73rd Annual Indian Science Congress held in Delhi University, in Geology and Geography Section, January 03-07, 1986.</p>
Research Projects (Major Grants/Research Collaboration)
Awards and Distinctions
<ol style="list-style-type: none"> 1. Merit Scholarship for Intermediate of Arts (I.A.) during 1977-1979, Government of Bihar at Patna College, Patna University. 2. Merit Scholarship for Bachelor of Arts (B.A.) during 1979-1981, Government of Bihar at Patna College, Patna University. 3. University Merit Scholarship for Master of Arts (M.A.) during 1982-1984, at the Centre for the Study of Regional Development (CSRD), Jawahar Lal Nehru University. 4. Fellowship under a Project Sponsored by the Planning Commission, Government of India during 1985-87 at the Department of Geography, University of Delhi. 5. UGC-Junior Research Fellowship (JRF) during 1987-1989 at the Department of Geography, University of Delhi for M. Phil./Ph. D. Programme. 6. UGC-Senior Research Fellowship (SRF) during 1989-1992 at the Department of Geography, University of Delhi for Ph. D. programme.
Association With Professional Bodies
<ol style="list-style-type: none"> 1. AGS: The Association for Geographical Studies (University of Delhi, Delhi) 2. NAGI: National Association of Geographers, India (University of Delhi, Delhi) 3. IGI: Indian Institute of Geomorphologists (University of Allahabad, Allahabad) 4. IGI: Institute of Indian Geographers (University of Poona, Pune)

Other Activities

Orientation/Refresher Courses Attended:

- 1 Participated in five days In-Service Education Programme (under Sarv Shiksha Abhiyan, SSA) for Trainers of Directorate of Education during May 11-15, 2009 at Karkardooma DIET organized by SCERT, Delhi.
- 2 Participated in a two-day Workshop on Development of Lessons for NIOS (National Institute of Open Schooling) Study Materials at Secondary stage at UNFPA (United Nations Fund for Population) office, Jor Bagh, New Delhi during September 16-17, 2008.
- 3 Participated in five days training programme of Resource Persons on YUVA-SLP (Youth United for Victory against Aids- School Life-skill Programmes) during May 08-14, 2008 at Dariya Ganj DIET (District Institute of Education and Training) conducted by SCERT (State Council of Educational Research and Training), Delhi.
- 4 Participated in a Workshop on Rethinking Resource Management: A Geo-Spatial Perspective at Kirori Mal College, University of Delhi, Delhi during December 17-18, 2004.
- 5 Participated in UGC Sponsored Refresher Course In Geography conducted by Jamia Millia Islamia University, New Delhi during January 15 to February 04, 2003.
- 6 Participated in UGC Sponsored Refresher Course in Geography conducted by the Department of Geography, M.D. University at Rohtak during December 4-24, 2001.
- 7 Attended two days Orientation Programme for Academic Councilors of Post-Graduates Diploma in Rural Development (PGDRD) at Azad Bhavan Road, Indraprastha Estate, IGNOU Regional Centre, ITO, New Delhi during February 27-28, 2000.
- 8 Participated in U.G.C Sponsored Refresher Course on Remote Sensing Application in Geography at the Department of Geography, Jamia Millia Islamia University, New Delhi during January 12-February 4, 1999.
- 9 Attended one day Orientation Programme for the Academic Councilors of the Indira Gandhi National Open University (IGNOU) at Vivekanada College, university of Delhi, Delhi on December 30, 1998.

Preparation of Question Bank:

1. Prepared a **Computer Stored Question Bank for Senior Secondary Geography (10+2 Level)** as a member of Question Development Board under the aegis of the National Institute of Open Learning (NIOS), Ministry of Human Resource Development (MHRD), Government of India **for on Demand Examination by Students.** (It will be operational from January 2010).
2. Prepared a **Computer Stored Question Bank for Social Science (10th Level)** as a member of Question Development Board under the aegis of the National Institute of Open Learning (NIOS), Ministry of Human Resource Development (MHRD), Government of India **for on Demand Examination by Students.** (It is already in operation since 2006).

Chapters Written in Text Books/Teacher's Manuals

1. Wrote four chapters in the **Text Book on Tourism** for Senior Secondary Course of National Institute of Open Schooling (NIOS), an autonomous organisation under MHRD, Govt. of India, Institutional Area, Sector-62, NOIDA-201309 (U.P.) published in **2018, Module 1**.
 - a. **Lesson 1:** Evolution of Tourism
 - b. **Lesson 2:** Tourism Industry and its Organization
 - c. **Lesson 3:** Impact of Tourism
 - d. **Lesson 4:** Fundamentals of Travel and Tourism Geography
2. Wrote two chapters in the **Text Book on Tourism** for Senior Secondary Course of National Institute of Open Schooling (NIOS), an autonomous organisation under MHRD, Govt. of India, Institutional Area, Sector-62, NOIDA-201309 (U.P.) published in **2018, Module 2**.
 - a. **Lesson 13:** Growth and Patterns of Tourism in India
 - b. **Lesson 14:** Growth and Patterns of Tourism in World
3. Wrote four lessons in Geography Manual for PGT Teachers (Lecturers) entitled **Geographical Concepts: Self-study Material** initiated by State Council of Educational Research and Training (SCERT) for distribution among PGTs of Delhi Government Schools, printed in **2017. ISBN: 978-93-85943-15-7**.
 - a. **Lesson 2:** Earth's Internal Structure
 - b. **Lesson 3:** Land-Water Distribution
 - c. **Lesson 4:** Geomorphic Processes
 - d. **Lesson 5:** Landforms and the Development
4. Wrote three lessons in Geography Manual for PGT Teachers (Lecturers) entitled **Conceptual Understanding in Geography Teaching** initiated by State Council of Educational Research and Training (SCERT) for distribution among PGTs of Delhi Government Schools in **2013**.
 - a. **Lesson 3:** Wind System
 - b. **Lesson 4:** Climate and Climate Change
 - c. **Lesson 5:** Landforms and their Evolution
5. Wrote a Lesson on **Population: Our Greatest Resource** for Secondary Course of National Institute of Open Schooling (NIOS), an autonomous organisation under MHRD, Govt. of India, Institutional Area, Sector-62, NOIDA-201309, implemented from **2012, in Book 1**.
6. Wrote four lessons in Geography Manual for PGT Teachers (Lecturers) entitled **Qualitative Improvement in Geography Teaching: A Refresher Course for Geography for Lecturers** initiated by State Council of Educational Research and Training (SCERT) for distribution among PGTs of Delhi Government Schools in April **2012**.
 - a. **Lesson 3:** Interior of the Earth
 - b. **Lesson 4:** Land and Water on the Globe
 - c. **Lesson 9:** Construction of Map Scale
 - d. **Lesson 10:** Map Projection: Techniques of Construction

7. Wrote one lesson on **Data Analysis: Central Tendency, Dispersion and Correlation** in Geography Manual for PGT Teachers entitled Towards Excellence in Social initiated by State Council of Educational Research and Training (SCERT) for distribution among TGTs of Delhi Government Schools, **2009**.
8. Wrote one lesson on **Resources and Development** in Geography Manual for TGT Teachers (Lecturers) entitled Teacher's Handbook for Quality Improvement in Geography initiated by State Council of Educational Research and Training (SCERT) for distribution among PGTs of Delhi Government Schools, **2009**.
9. Wrote four lessons in Geography Manual for PGT Teachers entitled **Comprehensive Guidelines for Academic Excellence in Geography, PGT** initiated by State Council of Educational Research and Training (SCERT) for distribution among PGTs of Delhi Government Schools in **2007**.
 - a. **Lesson 4:** Geomorphic Processes
 - b. **Lesson 5:** Mechanism of Indian Monsoon
 - c. **Lesson 6:** Origin of the Earth, its Material and Interior
 - d. **Lesson 12:** Mechanism of Land and water Distribution
10. Wrote two lessons for Senior Secondary Course of National Institute of Open Schooling (NIOS), an autonomous organisation under MHRD, Govt. of India, Institutional Area, Sector-62, NOIDA-201309 (U.P.) implemented from **2007**, printed in **Book 1**.
 - a. **Lesson 2:** Earth's Interior and its Materials
 - b. **Lesson 3:** Dynamic Surface of the Earth

Popular Lectures Delivered/ Acted as a Resource Person:

1. Delivered a special lecture **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic **Landforms and their Evolution: Running Water:**
 - On 26 May 2025 at DIET, Bholanath Nagar, Shahdara, Delhi (during 26-30, May 2025)
 - On 09 June 2025 at DIET, Keshav Puram, New Delhi (during 09-13, June 2025)
 - On 11 June 2025 at Government Boys Senior Secondary School (GBSSS) Patel Nagar, New Delhi (during 09-13, June 2025)
2. Delivered a special lecture **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic **Landforms and their Evolution: Wind**
 - On 27 May 2025 at DIET, Bholanath Nagar, Shahdara, Delhi (during 26-30, May 2025)
 - On 10 June 2025 at DIET, Keshav Puram, New Delhi (during 09-13, June 2025)
 - On 12 June 2025 at Government Boys Senior Secondary School (GBSSS) Patel Nagar, New Delhi. (during 09-13 June 2025)

3. Delivered a special lecture **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic **Mechanism of Indian Monsoon**
 - On 28 May 2025 at District Institute Education and Training (DIET), Bholanath Nagar, Shahdara, Delhi. (during 26-30, May 2025)
4. Delivered a special lecture **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic **Seasonal Characteristics of Monsoon**
 - On 29 May 2025 at District Institute Education and Training (DIET), Bholanath Nagar, Shahdara, Delhi (during 26-30, 2025)
5. Delivered a special lecture **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic **Air Pressure: Role of Climate/ Weather Change:**
 - On 07 October 2024 at DIET, Dilshad Garden Delhi (during 07-09, October 2024)
 - On 15 October 2024 at DIET, Keshav Puram, New Delhi (during 14-16, October, 2024)
 - On 21 October 2024 at DIET, Moti Bagh, New Delhi (during 21-23, October 2024)
 - On 22 October 2024 at DIET, Rajendra Nagar, New Delhi (during 21-23, October 2024)
6. Delivered a special lecture **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic **Wind System: Role of Climate/ Weather Change**
 - On 08 October 2024 at DIET, Dilshad Garden, Delhi (during 07-09, 2024)
 - On 16 October 2024 at DIET, Keshav Puram, New Delhi (during 14-16, October, 2024)
 - On 21 October 2024 at DIET, Moti Bagh, New Delhi (during 21-23, October 2024)
 - On 22 October 2024 at DIET Rajendra Nagar, New Delhi (during 21-23, October 2024)
7. Delivered a special lecture **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic **Geomorphic Processes**
 - On 04 October 2023 at Government Sarvodaya Kanya Vidyalaya (GSKV), Anand Vihar, Delhi (during 03-07, October 2023).
 - On 10 October 2023 at Government Sarvodaya Bal Vidyalaya Rouse Avenue, New Delhi (during 09-13, October 2023)
 - On 16 October 2023 at Rajkiya Pratibha Vikas Vidyalaya, New Delhi (during 16-20, October 2023).
 - On 07 November 2023 at DIET, Moti Bagh, New Delhi (during 06-10, November 2023)
 - On 21 November 2023 at DIET, Moti Bagh, New Delhi (during 20-24, November 2023)
8. Delivered a special lecture **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic **Exogenic Forces**
 - On 05 October 2023 at Government Sarvodaya Kanya Vidyalaya (GSKV), Anand Vihar, Delhi (during 03-07, October 2023).
 - On 11 October 2023 at Government Sarvodaya Bal Vidyalaya Rouse Avenue, New Delhi (during 09-13, October 2023)
 - On 17 October 2023 at Rajkiya Pratibha Vikas Vidyalaya, New Delhi (during 16-20, October 2023).
 - On 08 November 2023 at DIET, Moti Bagh, New Delhi (during 06-10, November 2023)
 - On 22 November 2023 at DIET, Moti Bagh, New Delhi (during 20-24, November 2023)

9. Delivered a special lecture **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic **Heat Balance and Distribution of Temperature**
- On 06 October 2023 at DIET, Dilshad Garden, Delhi (during 03-07, October 2023).
 - On 12 October 2023 at Government Sarvodya Bal Vidyalaya Rouse Avenue, New Delhi (during 09-13, October 2023)
 - On 18 October 2023 at Rajkiya Pratibha Vikas Vidyalaya, New Delhi (during 16-20, October 2023).
 - On 09 November 2023 at DIET, Moti Bagh, New Delhi (during 06-10, November 2023)
 - On 23 November 2023 at DIET, Moti Bagh, New Delhi (during 09-13, November 2023)
10. Delivered a special lecture **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic **Atmospheric Circulation**
- On 07 October 2023 at DIET, Dilshad Garden, Delhi (during 03-07, October 2023).
 - On 13 October 2023 at Government Sarvodya Bal Vidyalaya Rouse Avenue, New Delhi (during 03-07, October 2023)
 - On 19 October 2023 at Rajkiya Pratibha Vikas Vidyalaya, New Delhi (during 16-20, October 2023).
 - On 10 November 2023 at DIET, Moti Bagh, New Delhi (during 06-10, November 2023)
 - On 24 November 2023 at DIET, Moti Bagh, New Delhi (during 09-13, November 2023)
11. Abhyas: For Competitive Examinations, on **Physical Geography of India**, 26th Episode on All India Radio (AIR) recorded on 21st September **2022** and uploaded on Youtube: <https://www.youtube.com/watch?v=AbzsmZMTEpM&t=287s>
12. Delivered a special lecture **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic **Land-Water Distribution**
- On 15 May 2017 at DIET, Dilshad Garden, Delhi
 - On 24 May 2017 at Rajkiya Pratibha Vikas Vidyalaya, Raj Niwas Marg, New Delhi
 - On 30 May 2017 at Rajkiya Pratibha Vikas Vidyalaya, Rouse Avenue, New Delhi
13. Delivered a special lecture **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic **Construction of Map Projections**
- On 16 May 2017 at DIET, Dilshad Garden, Delhi
 - On 25 May 2017 at Rajkiya Pratibha Vikas Vidyalaya, Raj Niwas Marg, New Delhi
 - On 01 June 2017 at Rajkiya Pratibha Vikas Vidyalaya, Rouse Avenue, New Delhi
14. Delivered a special lecture **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic **Map Scale**
- On 17 May 2017 at DIET, Dilshad Garden, Delhi
 - On 26 May 2017 at Rajkiya Pratibha Vikas Vidyalaya, Raj Niwas Marg, New Delhi
 - On 02 June 2017 at Rajkiya Pratibha Vikas Vidyalaya, Rouse Avenue, New Delhi
15. Delivered two special lectures **as a Resource Person** for Delhi Government PGT (Lecturers) Geography on the topic
- a. **Earth's Internal Mechanism and Earthquakes and**
 - b. **Landforms and their Evolution**

- On 06 May 2015 at Sarvodaya Bal Vidyalaya, C-Block, Dilshad Garden, Delhi.
- On 07 May 2015 at Sarvodaya Kanya Vidyalaya, Moti Bagh, New Delhi.
- On 08 May 2015 at Rajkiya Pratibha Vikas Vidyalaya, Shalimar Bagh, Delhi.

16. Acted as Resource Person during In-Service knowledge enhancement programme for Senior Secondary Geography Teachers of Directorate of Education, Delhi conducted by State Council of Educational Research and Training (SCERT), Delhi and delivered lectures on Resources and Development on:

- October 05, 09, 13 and 14, 2009 at Sri Ram College of Commerce, University of Delhi, Delhi (four times).
- October 06, 10, 12, and 15, 2009 at G T B Khalsa College, University of Delhi, Delhi (four times).

17. Acted as Resource Person during In-Service knowledge enhancement programme for Senior Secondary Geography Teachers of Directorate of Education, Delhi conducted by State Council of Educational Research and Training (SCERT), Delhi and delivered lecture on **Data Analysis: Central Tendency, Dispersion and Correlation** on August 22, 2009.

18. Acted as Resource Person during In-Service Education/knowledge enhancement programme for Teachers of Delhi Government Schools on the themes School Life-skills **Programmes relating to: Attitude, Values, Career, Cleanliness, Nutrition, First Aid, Healthy, Environment, Joyful, Interesting and meaningful learning, etc.**

- during May 18-29, 2009 at Government Boy's Senior Secondary School, Gokul Pur, Delhi **(ten working days)**.
- during June 06-15, 2009 at Rajkiya Pratibha Vikas Vidyalaya, Suraj Mal Vihar, Delhi **(ten working days)**.
- during June 16-26, 2009 at Government Boy's Senior Secondary School, Shankar Nagar, Gandhi Nagar, Delhi **(ten working days)**.

19. Acted as Resource Person during In-Service Education/knowledge enhancement programme for Teachers of Delhi Government Schools on the themes School Life-skills Programmes relating to:

Attitude, Values, Career, Cleanliness, Nutrition, First Aid, Health, Environment, Joyful, Interesting and meaningful learning, etc.

- during May 19-31, 2008 at Sarvodaya Kanya Vidyalaya, Kiran Vihar, Delhi **(ten working days)**.
- during June 06-14, 2008 at Government Boy's Senior Secondary School, Krishna Nagar, Delhi **(ten working days)**.

20. Acted as Resource Person during In-Service knowledge enhancement programme for Senior Secondary Geography Teachers of Directorate of Education, Delhi conducted by State Council of Educational Research and Training (SCERT), Delhi and delivered lectures:

- **Origin of the Earth, its Material and Interior** on October 16, 2007.
- **Geomorphic Processes and Landforms Produced** on October 18, 2007.

21. Acted as Resource Person during In-Service knowledge enhancement programme for Social Science Teachers in Delhi Government Schools at Secondary Level conducted by State Council of Educational Research and Training (SCERT), Delhi and delivered lectures:

- **Plate Tectonics with reference to Physical Features of India** on MAY 07, 09, 16, 18, JUNE 13, 15, 25 and 27; **2007** (eight times).
- **Mechanism of Indian Monsoon** on MAY 08, 10, 17, 21, JUNE 14, 18, 26 and 28; **2007** (eight times).

These lectures were conducted at two parallel centers in four cycles so that all teachers should attend the programme.

22. Delivered two lectures in the In-Service Education (Refresher Course), P.G.T. geography at Government Boys Senior Secondary School, Daryaganj;

- **Manifestation of Endogenetic Forces with special reference to Plate Tectonics on October 11, 1996 and,**
- **Exogenetic Denudational Forces and their Impacts on Landforms on October 11, 1996**

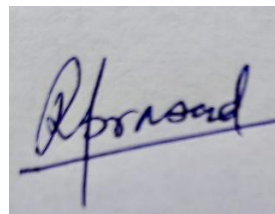
23. Delivered two lectures in the In-Service Education (Refresher Course), P.G.T. Geography at Kendriya Vidyalaya Sangathan, Shalimar Bagh, Delhi; June **1995**

- **Lithospheric Movement and Plate Tectonics** June 05 and,
- **Tidal Theory and Ocean Current** June 05.

Manuals Prepared/Edited for Geography Social Science and PGT Geography

1. Edited (with other editors) the **Text Book on Tourism** for Senior Secondary Course of National Institute of Open Schooling (NIOS), an autonomous organisation under MHRD, Govt. of India, Institutional Area, Sector-62, NOIDA-201309 (U.P.) implemented from **2018, Book 1, Module 1 & 2.**
2. Edited (with other editors) the **Text Book on Tourism** for Senior Secondary Course of National Institute of Open Schooling (NIOS), an autonomous organisation under MHRD, Govt. of India, Institutional Area, Sector-62, NOIDA-201309 (U.P.) implemented from **2018, Book 2, Module 3 & 4.**
3. Edited/Prepared a Geography Manual for PGT Teachers (Lecturers) entitled **Geographical Concepts: Self-study Material** initiated by State Council of Educational Research and Training (SCERT) for distribution among PGTs of Delhi Government Schools, printed in **2017. ISBN: 978-93-85943-15-7.**
4. Edited (**Subject Advisor**) a book for **Class IV “Our India: Social Studies”** published by State Council of Education, Research and Training (SCERT), Delhi, **2015.**
5. Edited (**Subject Advisor**) a book for **Class VI “Social Science”** published by State Council of Education, Research and Training (SCERT), Delhi, **2015. ISBN: 978-93-85169-13-7.**

6. Edited (**Subject Advisor**) a book for **Class VII “Social Science”** published by State Council of Education, Research and Training (SCERT), Delhi, **2016. ISBN: 978-93-85169-14-4.**
7. Edited (**Subject Advisor**) a book for **Class VIII “Social Science”** published by State Council of Education, Research and Training (SCERT), Delhi, **2016. ISBN: 978-93-85169-15-1.**
8. Edited/Prepared a Social Science Manual for TGTs Teachers entitled **Effective Teaching-Learning** initiated by State Council of Educational Research and Training (SCERT) for distribution among TGTs of Delhi Government Schools in **2015. ISBN: 978-81-930249-3-5.**
9. Edited/Prepared a Geography Manual for PGT Teachers (Lecturers) entitled **Conceptual Understanding in Geography Teaching** initiated by State Council of Educational Research and Training (SCERT) for distribution among PGTs of Delhi Government Schools in **2013.**
10. Edited/Prepared a Geography Manual for PGT Teachers (Lecturers) entitled **Qualitative Improvement in Geography Teaching: A Refresher Course for Geography for Lecturers** initiated by State Council of Educational Research and Training (SCERT) for distribution among PGTs of Delhi Government Schools in April **2012.**
11. Wrote two lessons for Senior Secondary Course of National Institute of Open Schooling (NIOS), an autonomous organisation under MHRD, Govt. of India, Institutional Area, Sector-62, NOIDA-201309 (U.P.) implemented from **2007**, printed in **Book 1.**



Signature of Faculty Member

- You are also requested to also give your complete resume as a DOC and PDF file to be attached as a link on your faculty page.