




Faculty Details Proforma for DU Web-site

Title	Dr.	First Name	Bindhy Wasini	Last Name	Pandey	Photograph
Designation	Associate Professor					
Address	Department of Geography, Delhi School of Economics University of Delhi Delhi-110007					
Phone No	Office	91-11-27666491				
Residence		09560525260				
	Mobile	09560525260				
Email	bindhywasini@hotmail.com bwpdsegeo@gmail.com					
Web-Page	http://geography.du.ac.in/associate_professor.html					
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	University of Delhi				2000	
M. Phil. / M. Tech.	University of Delhi				1992	
PG	University of Gorakhpur				1988	
UG	University of Gorakhpur				1986	
Any other qualification						

Career Profile

1. **Associate Professor**, Department of Geography, Delhi School of Economics, University of Delhi, Since February 21, 2014.
2. **Associate Professor**, Department of Geography, Shaheed Bhagat Singh (Eve.) College, University of Delhi, July 06, 2009 to February 20, 2014.
3. **Reader**, Department of Geography, Shaheed Bhagat Singh (Eve.) College, University of Delhi, July 06, 2006 to July 5, 2009.
4. **Sr. Lecturer**, Department of Geography, Shaheed Bhagat Singh (Eve.) College, University of Delhi, July 06, 2001. to July 05 2006.
5. **Lecturer** of Geography at Shaheed Bhagat Singh (Eve.) College, University of Delhi, March 03, 1998 to July 05, 2001.
6. **Lecturer** of Geography at Aditi College, University of Delhi. August 1996 to March 1998.

Administrative Assignments

Teacher-in-Charge

Teacher-in-Charge for the Academic years, 2011-2012 and 2005-2006, at Department of Geography, Shaheed Bhagat Singh Eve. College, University of Delhi, New Delhi.

Areas of Interest / Specialization

Environmental Ecology, Land Use Land Cover Change (LUCC)

Hazard Risk Assessment, Disaster Management

Natural Resources Management

Marginality Analysis and Assessment

Himalayan Studies

Subjects Taught

Geography

Environmental Ecology

Research Guidance

1. Supervision of awarded Doctoral Thesis

2. Supervision of Doctoral Thesis, under progress

I. Abhay Shankar Prasad

Impact of Natural Hazards on Livelihood Security in Alaknanda River Basin, Uttarakhand (Registered in 2013).

II. Himanshu Mishra

Impact of Climate Change on the Livelihood of Transhumance Community in Chamba, Himachal Pradesh (Registered in 2014).

III. Rajeev Kumar Ranjan

Impact of Climate Change on Environmental Sustainability and Livelihood Security in Leh Region, Jammu and Kashmir (Registered in 2015).

IV. Nikhil Roy

Self-Organized Criticality in River Bank Failure: A Case Study of Brahmaputra River System Assam (Registered in 2015).

V. Usha Kumari Anand

Management of Municipal Solid Waste for Urban Sustainability in Meerut City
(Registered in 2014).

3. Supervision of awarded M. Phil dissertations

4. Supervision of M. Phil dissertations, under progress

I. Prastha Rajoria

Spatio-Temporal Analysis of Land Use Land Cover Change in Rewari District,
Haryana (Registered in 2014-2016).

II. Amit Kumar

Common Property Resources and Assessment of Livelihood Security in Naugura
Watershed, Uppali Ramoli Region of Tihari Garhwal (Registered in 2014-2016).

III. Nishit kumar

Impact Analysis of Climate Change on Urban Health: A Case Study of National
capital Territory (NCT) of Delhi. (Registered in 2015-2017).

IV. Harish Kumar

Hazard Risk Assessment and Vulnerability Mapping in High Altitude Region of
Garhwal Himalaya (Registered in 2015-2017).

Publications Profile

List against each head(If applicable) (as Illustrated with examples)

1. Books/Monographs (Authored/Edited)

I. Dynamics of Land Use Change: Sustainability and Management (ed.) Research

India Press, New Delhi. 2014. Pp.316.

- II. **In Search of Sustainability: Global Perspective on Marginality, Technology, Politics and Planning of Land Use** (ed.) Research India Press, New Delhi. 2011. Pp. 312.
- III. **Hazard Ecology: Approaches and Techniques** (ed.) Mittal Publication, New Delhi, 2010, Pp. 395.
- IV. **Natural Resource Management.** (ed.). Mittal Publication, New Delhi. 2005. Pp 465.
- V. **Geoenvironmental Hazards in Himalaya: Assessment and Mapping.** Mittal Publication, New Delhi, 2002. Pp. 460.

2. Research papers published in Refereed/Peer Reviewed Journals

- I. Mountain hazard susceptibility and livelihood security in the upper catchment area of the river Beas, Kullu Valley, Himachal Pradesh, India (Abhay S. Prasad, Bindhy W. Pandey, Walter Leimgruber and Ripu M. Kunwar) In Springer Journal Geoenvironmental Disasters (2016) 3:3 DOI 10.1186/s40677-016-0037- x
- II. Measures of Sustainable Energy: Issues of Sustainability through Harshnath Wind Power Project in Sikar District of Rajasthan (Vijay K Thalor and B. W. Pandey) The Horizon: A journal of Social Sciences. No. I/2016. Vol.VII, January, 2016. ISSN-0975-5535. Pp. 11-22.
- III. Climate Change and Weather Cycle Anomaly (B. W. Pandey) NAM TODAY an international journal for the new age mind. Special Issue on Climate Disasters and

Livelihood Security: Contribution towards Sendai Framework for Disasters Risk Reduction 2015-2023. ISSN 2347-3193 Vol. LV. No. 2 February 2016.

- IV. Pivotal Role of Prevailing Informal-Credit-System on Socio-Economic Optimization in Detached Villages: A Case Study of Three Villages of Bihar (Omjee Ranjan, B. W. Pandey) International Journal of Interdisciplinary Research in Science Society and Culture (IJIRSSC) Vol: 1, Issue:2, (December Issue), 2015 ISSN: (P) 2395-4335, (O) 2455-2909. Pp. 01-13. Page 12 of 29
- V. Some Aspects on Prevailing Trends of Borrowing Money with Special Reference to an Remote Rural Area in Himachal Pradesh. (Om Jee Ranjan, B. W. Pandey and Subhash Anand). The Horizon: A journal of Social Sciences. No. II/2015, Vol.VI, July 2015. ISSN-0975-5535. Pp. 137-148.
- VI. Adaptation Strategies for Flood Risk Mitigation in Lower Brahmaputra River Basin, Assam through Integrated River Basin Management (**R. B. Singh, B. W. Pandey and Abhay Shankar Prasad**) , Transaction Journal, The Institute of Indian Geographers, Pune , Vol. 36(2), 2014, page No. 159-170, ISSN No- 0970-9851,
- VII. *Land Use Pattern and Hazards Risk Assessment in Kullu Valley, along the Beas River in Western Himalaya.* (**B. W. Pandey and Abhay Shankar Prasad**), *Journal of Water & Land-Use Management*, ISSN No- 0973-9300, Volume 14, Issue 1, Page No- 1-15
- VIII. Living With Flood and Sustainable Livelihood Development in Lower Brhamaputra River Basin Assam. (R. B. Singh, B. W. Pandey and Abhay Shankar Prasad) **Indian Streams Research Journal**, (International Multidisciplinary Research Journal) Vol.4 Issue. 4 May 2014. Online. ISSN NO. 2230 7850. Pp. 01-09.
- IX. Slope Vulnerability, Landslides and Geohazards: Assessment and Mapping in

Western Himalaya. **Asian Academic Research Journal of Social Sciences and Humanities**.2014. Vol. 01. Issue 22 April 2014.Pp. 402-419. On Line ISSN: 2278-859X.

- X. Land Use Change and Marginality of Livelihood in Himachal Himalaya. **Journal of Land Use and Water Management**. Vol.13. Issue: 1. 2014. Pp.15-22.
- XI. Environmental and Human Response to Hydro Geomorphology: Micro Level Study of Ganga Basin. **Journal of Scientific Research**. Vol. 43 (1&2), 1993.Banaras Hindu University, pp. 153-167.
- XII. Landslides Hazard, Mechanism Assessment and Mapping in Himachal Himalaya. **Annals National Association of Geographers of India (NAGI)** Vol. XXI, Number 1, June 2001, pp. 23-35.
- XIII. Environment Monitoring of Particulate Matter and Pollution in Major Rivers of India. In (K. Hartmut and Wilfried eds.) **Advances in Limnology 47, Official Journal of the International Association for Theoretical and Applied Limnology**. E. Schweizerbat's sche Verlags Buchhandlung Publication. Stuttgart, Germany 1996, pp. 557-561.
- XIV. Environmental Degradation and Vanishing Livelihood Security in Western Himalaya, Himachal Pradesh. In **Deccan Geographical Journal**, Pune, Vol. 33, No. 2 (July to December 1995), pp. 112-120.

3. Other publications (Edited works, Book reviews, Festschrift volumes, etc.)

- I. Vulnerability of River Gradient, Longitudinal Profile and Embankments Role in Extent and Magnitude of Flood: A Case Study of Lower Brahmaputra River Basin, Assam, India. (B. W. Pandey and Abhay Shankar Prasad). In Vishwambhar Prasad Sati (ed.) **Climate Change and Socio-Ecological Transformation**. Today and

Tomorrow's Printers and Publishers, New Delhi. 2015. PP. 253-263. ISBN 81- 7019-518-3 (India) ISBN 1-55528-374-8 (USA).

- II. Vulnerability Analysis of Climate Change and geo-hydrology in Alaknanda Basin, Uttarakhand. (B. W. Pandey, Abhay Shankar Prasad and Himanshu Mishra). In Chhering Tandup (ed.) Proceedings of the International Conference on Change in Cryosphere its Impact on Ecosystem Services and Rural Livelihood: Understanding Local Adaptation in the Himalayan Region. Department of Earth Sciences, Institute of Mountain Environment Bhaderwah Campus, University of Jammu. Excel India Publishers New Delhi. 2014. Pp. 405-415 ISBN: 978-93-83842-76-6
- III. Globalization, Land use Changes and Marginality of Livelihood in Western Himalaya. (B. W. Pandey and Abhay Shankar Prasad). In Rameshwar Thakur, Inderjeet Rajesh Kumar Abhay and Swati Thakur (eds.) Resources and Regional Development in India
- IV. Sustainable Use of Water Resources: The Need for New Management Options. In (Subhas Anand ed.) **Progress in Environmental Management**. Research India Press, New Delhi 2013. Pp.250-271.
- V. Land Use Changes and Hydrogeomorphic Hazards in Himachal Himalaya. In (K. K. Sharma, S. K. Bandooni and V. S. Negi eds.) **Environmental Geo-hazards: Science and Society**. 2006, Research India Press, New Delhi, Pp. 262-282.
- VI. Dynamics of Urban Ecology in Upper Kullu Valley-The Himachal Pradesh. (S. K. Chodhury Ed.) **Culture Ecology and Sustainable Development**. Mittal Publication, 2006. New Delhi. Pp. 273-286.
- VII. Spatio-Temporal Dimensions of Drinking Water Supply in Cholarpur Block, Varanasi. (G. S. Chauhan and R, N. Dubey eds.) **Water Resources Management**. Nataraj Publications, New Delhi. 2004. Pp. 117-134.
- VIII. Community Participation in Water Resources Conservation and Management in Raath

- Region of Garhwal Himalaya. In (G. S. Chauhan and R. N. Dubey eds.) **Water Resources Management**. Nataraj Publications, New Delhi. 2004. Pp. 203-224.
- IX. Comparative Analysis of Land use Land Cover Change in Upper Kullu Valley, Western Himalaya. In B. W. Pandey (ed.) **Natural Resource Management**. Mittal Publication, New, 2004, pp. 184-201.
- X. Landslide Hazard in Himachal Himalaya. In (V. Subramanian ed.) **Environmental Hazards in South Asia**. Capital Publishing Company New Delhi. 2002. Pp. 71-84.
- XI. Impact of Tourism on Ecohydrology in the Headwater Region of Beas, Himachal Pradesh. In (S.R. Chalise and A. Herman Eds.) **Ecohydrology of High Mountain Areas**, ICIMODE-UNESCO Publication, Kathmandu, Nepal, 1998, pp. 519-525.
- XII. Sustainability of a Mountain Ecosystem in the Himachal Pradesh Himalaya: Background and Overview. In (R.B. Singh ed.) **Sustainable Development of Mountain Environments in India and Canada**. Oxford and IBH Publication, New Delhi, 1998, pp.1-35.
- XIII. Population, Urbanization and Tourism in Kullu District. In (R.B. Singh ed.) **Sustainable Development of Mountain Environments in India and Canada**. Oxford and IBH Publication, New Delhi, 1998, Pp. 153-171.
- XIV. Environmental Hazards and Mitigation Measures in Upper Arrow Lake Region, British Columbia, Canada. In (R.B. Singh ed.) **Sustainable Development of Mountain Environment in India and Canada**. Oxford and IBH Publication, New Delhi, 1998, Pp. 217-241.
- XV. Forest and Forestry, Degradation and Renewal in Arrow Lake Region, British Columbia, Canada. In (R.B. Singh ed.) **Sustainable Development of Mountain Environments in India and Canada**. Oxford and IBH Publication, New Delhi,

1998, Pp. 242-256.

- XVI. Risk from Natural Hazards in the Manali Area. In (F. Berkes and J.S. Gardner ed.) **Sustainability of Mountain Environment in India and Canada**. Natural Resources Institute, University of Manitoba Publication Canada. 1997, pp. 237-259.
- XVII. A Mountain Watershed Ecosystem in the Himachal Pradesh. In (F. Berkes and J.S. Gardner eds.) **Sustainability of Mountain Environments in India and Canada**. Natural Resources Institute, the University of Manitoba. Winnipeg, Canada, 1997, pp. 19-28.
- XVIII. Hazard Zone Mapping and Risk Assessment Analysis in Upper Beas Basin: CIDA-SICI Experience. In (R.B. Singh ed.) **Disasters Environment and Development**, 1996, Oxford & IBH Publication, New Delhi, pp. 121-135.
- XIX. Snow Melting Variation and Environmental Effects: Micro Level Study of Himalayan Rivers. (Y.M. Yeung ed.) **Global Change and the Commonwealth**, Chinese University of Hong Kong Press, 1996, pp. 433-445.
- XX. Landslide Hazard in Indian Himalaya and Canadian Rockies: A Comparative Analysis. In (J. Chacon and C. Irigaray eds.) **Landslides**. A. A. Balkema Publication, The Netherlands, 1996, pp. 63-69.
- XXI. Sikkim Himalaya: Geographical System, Socio-economic Changes and Peoples' Perception in (M.P. Lama ed.) **Sikkim Himalaya**, Indus Publication, New Delhi, 1996, pp. 557-561.
- XXII. Common Resources and Sustainable Livelihood of Mountain Environment: Micro Level Experience of Upper Kullu Valley. In (R.B. Singh and M.J. Haigh eds.) **Sustainable Reconstruction of Highland and Headwater Regions**, 1995, Oxford & IBH Publication. New Delhi, pp. 663-681.

- XXIII. Perspective for Managing Rural Water Resources: A Study of Ganga-Gomati Doab in (R.B. Singh ed.) **Research in Geography Vol. 1**. 1995, A.P.H. Publication. New Delhi, pp. 307-318.
- XXIV. Resource and Regional Development in India. Year 2014. Edited by Rameshwar Thakur, Inderjeet, R. K. Abhay and Swati Thakur, *Globalization, Land Use changes and Marginality of Livelihood in Western Himalayas*. ISBN No- 978-81-316-0641-4, Rawat Publication, Jaipur Page No- 55-69 , Author- B. W. Pandey and Abhay Shankar Prasad
- XXV. Dynamics of Land Use Change: Sustainability and Management, Year 2014, Edited by Dr. B. W. Pandey, *Impact of Land Use Changes on Marginality of Livelihood Among the Local Community in Upper Kullu Valley*. ISBN NO- 978-93-5171-002-8, Page No. 96-118, Research Press of India, New Delhi , Author- B. W. Pandey, V.S. Negi, Usha Kumari Pathak and Abhay Shankar Prasad
- XXVI. Environment: Issues, Impact and Management, 2014, Editor Dr. Vishwa Raj Sharma
Sustainable Practices to Meet Challenges in Indian Agriculture , Editor: Dr. Vishwaraj Sharma , ISBN No. 978-93-5171-035-6, Publisher- Research India Press, New Delhi, Author: Dr. Vinod Kumar, Abhay Shankar Prasad and Manoj Ranjan
- XXVII. Perspective in Regional Development, year 2014, Edited by Manjit Singh, *Sustainable Development through Land Use Pattern in Lower Brahmaputra River Basin, Assam* , ISBN NO—978-93-5171-016-5, Research Press of India, New Delhi. Author- Abhay Shankar Prasad
- XXVIII. Globalization, Land Use changes and Marginality of Livelihood in Western Himalayas,(**B. W. Pandey and Abhay Shankar Prasad**) Resource and Regional Development in India (Rameshwar Thakur, Inderjeet, R. K. Abhay and Swati Thakur

ed.) ISBN No- 978-81-316-0641-4, Rawat Publication, Jaipur, 2014,Page No- 55-69.

Conference Organization/ Presentations (in the last three years)

1. Organization of a Conference:

2. Participation as Paper/Poster Presenter

- I. Member of the Organising Committee organized 9th International Geographical Union (IGU) Conference on Land Use Change, Climate Extremes and Disaster Risk Reduction. Shaheed Bhagat Singh College, University of Delhi. March 18-20, 2016.
- II. Member of the Organising Committee organized UGC-SAP –DRS III National Seminar on Thrust Areas: Environment and Resource and Urban and Regional Planning. Department of Geography, Delhi school of Economics, University of Delhi. March 20-21, 2015.
- III. Member of the Organising Committee, organized Remote Sensing Day and Lecture of Journey of Indian Earth Observation Sensor Programme: Mr. Saji A Kuriakose, Dy Director, Sensors, Space Applications Centre, ISRO, Ahmadabad and Fostering Geospatial Capabilities of Indian Armed Forces: Role of Remote Sensing and GIS : Dr M R Bhutyani, Director, DTRL, DRDO, Delhi on September 19, 2014, at Department of Geography, Delhi School of Economics, University of Delhi, New Delhi.
- IV. Member of the Organising Committee, in One Day Lecture Series on “Future of Geography” and General Body Meeting of Association of Geographical Studies (AGS), Department of Geography, Delhi school of Economics, University of Delhi. 13th September 2014.

- v.** 2016. March 18-20. Participated by Presenting a Research paper on “Land Use Land Cover Change Detection and Its Impact on Extreme Events and Its Mitigation for Livelihood Security in Alaknanda River Basin (Abhay Shankar Prasad, B. W. Pandey, V.S. Negi and Tandup Chherring) in 9 th International Geographical Union (IGU) Conference on Land Use Change, Climate Extremes and Disaster Risk Reduction. Shaheed Bhagat Singh College, University of Delhi. March 18-20, 2016.
- vi.** 2016. March 18-20. Participated by Presenting a Research paper on Human Health, Mortality and Adaptation: An Empirical Analysis in the Perspective of Climate Change in India (Om Jee Ranjan and B. W. Pandey) in 9 th International Geographical Union (IGU) Conference on Land Use Change, Climate Extremes and Disaster Risk Reduction. Shaheed Bhagat Singh College, University of Delhi. March 18-20, 2016.
- vii.** 2016. March 18-20. Participated by Presenting a Research paper on Forest Resources and Sustainable Livelihood: the Socio-economic Empowerment of Tribal Community of Kinnaur, Himachal Pradesh (Rajan Maurya, B. W. Pandey and V. S. Negi) in 9 th International Geographical Union (IGU) Conference on Land Use Change, Climate Extremes and Disaster Risk Reduction. Shaheed Bhagat Singh College, University of Delhi. March 18-20, 2016.
- viii.** 2016. March 18-20. Participated by Charring a Technical Session Land Use Land Cover and Climate Change in 9 th International Geographical Union (IGU) Conference on Land Use Change, Climate Extremes and Disaster Risk Reduction. Shaheed Bhagat Singh College, University of Delhi. March 18-20, 2016.
- ix.** 2016. February 25-26. Participated by Charring a Technical Session and Panel Discussions at UGC Sponsored National Seminar on Environmental Ethics,

Resource Depletion and Sustainable Development. Department of Geography, Kalindi College, University of Delhi.

- x.** 2016. February 11-13. Participated by presenting research paper on Role of Informal-Credit-System on Livelihood in Detached Villages: A Case Study of Three Villages of Bihar (B. W. Pandey and Om Jee Ranjan) at 37th IIG Meet and International Conference, on the theme Land Resource Policies, Agriculture and Expanding Urban Industrial Spaces, Department of Geography, Kurukshetra University, Kurukshetra, Haryana.
- xi.** 2016. February 11-13. Participated by presenting research paper on The Paradigm of a Smart City: Concepts and Strategies (R. K. Ranjan and B. W. Pandey) at 37th IIG Meet and International Conference, on the theme Land Resource Policies, Agriculture and Expanding Urban Industrial Spaces, at Department of Geography, Kurukshetra University, Kurukshetra, Haryana.
- xii.** 2016. February 11-13. Participated by Chair a Technical Session on Urbanisation and Environmental at 37th IIG Meet and International Conference, on the Page 22 of 29 theme Land Resource Policies, Agriculture and Expanding Urban Industrial Spaces, Department of Geography, Kurukshetra University, Kurukshetra, Haryana.
- xiii.** 2016. January 27. Delivered Key Note Lecture on Sustainable Development of Mountain Environment in National Seminar on Sustainable Rural Development and Community Empowerment in Garhwal Himalaya, Uttarakhand Under Tehari Hydro Development Corporation (THDC) and Department of Geography, Kirorimal College, University of Delhi.
- xiv.** 2016. January 23-24. Participated by delivering a Lecture on Environmental Ethics as a tool for Natural Resources Management and Sustainable Development. In Two Days National Seminar on Earth as Home of Men: Crisis

and Sustainability. Department of Geography, JRN Rajasthan Vidyapeeth University, Pratap Nagar, Udaipur, Rajasthan

- xv.** 2015. December 23. Participated by presenting research paper as Keynote Speaker Extreme Events and Vulnerability Assessment for Disaster Risk Reduction: A case Study of Lesser Himalaya. In Conference on Disaster Risk Reduction and Livelihood Security in the Himalayan Environment at the Department of Geography, Delhi School of Economics, University of Delhi.
- xvi.** 2015. December 02-04. Participated by presenting research paper “Sustainable Tourism through the Ghats of Heritage City of „Banaras“: A case study of Dashashvamedha Ghat” in 37th Indian Geography Congress of the National Association of Geographers’ India (NAGI) at Department of Geography, Jammu University. Jammu.
- xvii.** 2015. December 02-04. Participated by presenting research paper “Assessment of Millennium Development Goals in Bihar: potential and Limitations” (B. W. Pandey in 37th Indian Geography Congress of the National Association of Geographers’ India (NAGI) at Department of Geography, Jammu University. Jammu.
- xviii.** 2015. December 02-04. Participated by Chair and Co-Chair of the two Technical Sessions on Natural Resources management in 37th Indian Geography Congress of the National Association of Geographers’ India (NAGI) at Department of Geography, Jammu University. Jammu.
- xix.** 2015. November 05-06 Participated and Presented a research paper “Vulnerability of River Gradient, Longitudinal Profile and Embankments Role in Extent and Magnitude of Flood: A Case Study of Lower Brahmaputra River Basin, Assam, India. In Second National Seminar on Climate Change and Socio-Ecological Transformation with Special Reference to North-East India. At

Department of Geography and Resource Management Mizoram University,
Aizawl

- xx.** 2015. November 07-08 Participated and Presented a research paper “Climate Change, Extreme Events and Vulnerability Assessment in Himachal Himalaya, India” in International Conference on Global Environmental Change in the Himalayan Region: Controversies/Impact /Futures. German House for Research and Innovation, Heidelberg Center, South Asia New Delhi.
- xxi.** 2015. October 28-30 Participated and Presented a research paper “Climate Change and Its impact on Hill Agriculture: A Case Study of Almora District of Uttarakhand” (B. W. Pandey, V. S. Negi and Atithi Pant) in National Seminar on “Climate Change, Resources, Bio-Diversity and Environmental Challenges: Issues and Strategies for Sustainable Development” at Department of Geography. HNB Garhwal University, Srinagar, Uttarakhand.
- xxii.** 2015. October 28-30 Participated and Presented a research paper “Land Use Land Cover Change Detection and Its Impact on Climate Change and Hydrological Hazards: A Case Study of Alaknanda Basin” (B. W. Pandey and Abhay Shankar Page 23 of 29 Prasad) in National Seminar on “Climate Change, Resources, Bio-Diversity and Environmental Challenges: Issues and Strategies for Sustainable Development” at Department of Geography. HNB Garhwal University, Srinagar, Uttarakhand.
- xxiii.** 2015. October 28-30 Participated and Presented a research paper “Ensuring Environmental Sustainability and Millennium Development Goals in Bihar” (Rajeev Ranjan and B. W. Pandey) in National Seminar on “Climate Change, Resources, Bio-Diversity and Environmental Challenges: Issues and Strategies for Sustainable Development” at Department of Geography. HNB Garhwal University, Srinagar, Uttarakhand.

- xxiv.** 2015. October 04-08 Participated and Presented a research paper “Climate Change Adaptation and Vulnerability Assessment: A case Study of Lesser Himalaya, India” in International Conference on “Mountains of our Future Earth” Centre for Mountain Studies, Perth College, University of the Highlands and Islands, (UHI), Crieff Road, Perth, Scotland UK
- xxv.** 2015. July 7-10 Participated and Presented a Paper **Impact Analysis of Climate Change on Glacier and Water Potentiality in High Altitude Region of Western Himalaya, India.** In Our Common Future Under Climate Change International Conference, UNESCO, Paris.
- xxvi.** 2015, April, 06 Participated and presented a paper **Urban Dynamics and Natural Resource Use: A Case Study of NCT of Delhi.** In *National Conference on Smart Cities-Challenges and Vision Ahead. Department of Geography, Shaheed Bhagat Singh College, University of Delhi.*
- xxvii.** 2015, April, 06 Participated and presented a paper **Vulnerability Analysis of Urban Sustainability: A Case study of National Capital Territory of Delhi** In *National Conference on Smart Cities-Challenges and Vision Ahead. Department of Geography, Shaheed Bhagat Singh College, University of Delhi.*
- xxviii.** 2015. February 25-28, Participated and presented a **paper Extreme Events Vulnerability and Coping Mechanism for Sustainable Livelihood in Alaknanda River Basin Uttarakhand.** In 36th Indian Geographers Meet and International Seminar on Environmental Changes and Challenges, Local, Regional and Global Perspectives. Department of Geography, Guwahati University, Guwahati, Assam.
- xxix.** 2015, March, 20-21. Participated and presented a paper (**Climate Change, Vulnerability and Himalayan Geosystem: A Case Study of Alaknanda River, Basin, Uttarakhand**) in Technical Session. UGC-SAP, DST,

National Conference, Department of Geography, Delhi School of economics, University of Delhi.

Research Projects (Major Grants/Research Collaboration)

1. **PI in Research and Development Grant 2015-16, University of Delhi** Project on Chryospheric Hazard Susceptibility and Vulnerability Assessment for Levelihood Security in Mid Altitude Region of Western Himalaya.
2. **Mentor in Innovative Research Project** on Stipulating the Role of Agriculture and Forestry in the Urban Environment: Mapping and Analysing Green Spaces of Delhi. Department of Geography and Department of Economics, Shaheed Bhagat Singh College, University of Delhi.
3. **PI in Research and Development Grant 2014-15, University of Delhi** Project on Impact of Rural Water Supply on Livelihood Security in Lower GangaGomati Doab.
4. **PI in Innovative Research Project 2014-15** on Religious Segregation in the Residential Pattern of Delhi: A Study in Causes Measurement and Consequences. University of Delhi, Shaheed Bhagat Singh Eve. College Research Unit.
5. Research Assistant for the **Canada International Development Agency (CIDA)– Shastri Indo-Canadian Institute (SICI)** Partnership Project on Sustainable Development of Mountain Environments in India and Canada. June 1994 to June 1996.
6. Research Assistant for the **Government of India, Ministry of Agriculture** Project on Perspective Plan for Land Resources in Northwest India. March 1993 to May 1994.

7. Co investigator, in Research Project on **Religious Segregation in the Residential Pattern of Delhi: A Study in Causes Measurement and Consequences**. University of Delhi, Shaheed Bhagat Singh Ev. College Research Unit.

Awards and Distinctions

1. **National Association of Geographers, India** (NAGI), Young Geographers Award 2000, Dharwad, Karnataka, India.

Association With Professional Bodies

1. Editing

- I. Advisory Board Member of International Journal Science Park ISSN: 2321- 8045 since 2014.
- II. Member of Editorial Board of International Journal of Interdisciplinary Research in Science, Society and Culture, Guwahati, Assam.
- III. Member of Editorial Board, Analytical Geography Journal Published from Association of Geographical Studies (AGS) Department of Geography, Delhi School of Economics, University of Delhi. Page 11 of 29 4. Member
- IV. **Joint Editor**, “Indian Geojournal”, Published from Department of Geography, Shaheed Bhagat Singh Ev. College, University of Delhi.
- V. **Member of Editorial Board**, SPACE Published from Department of Geography, A. D. V. College, University of Guwahati, Assam.

2. *Reviewing*

Reviewed about 05 Books, 04 Ph. D. Thesis and 05 Research Papers and published in various National and International Journals.

3. *Advisory*

Member of Advisory Committee of M. Phil. And Ph. D. Students, Department of Geography, Delhi School of Economics, University of Delhi.

4. *Committees and Boards*

- I. Member of International Committee on Geoscience Education Organisation, (IGEO).
- II. Member of the Departmental Research Committee, Department of Geography, Delhi School of Economics, University of Delhi for 2014-2016.

5. *Memberships*

- I. Corresponding Member, Commonwealth Geographical Bureau (**CGB**).
- II. Corresponding Member, International Association of Hydrological Sciences (**IAHS**).
- III. Corresponding Member, International Geographical Union (**IGU**) Commission on Evolving Issues of Geographical Marginality.
- IV. Corresponding Member, International Geographical Union (**IGU**), Commission on Land Use Land Cover Change (**LUCC**).
- V. Corresponding Member, International Geographical Union (**IGU**), Commission on Evolving Issues of Geographical Marginality.
- VI. Founder and Member of the Executive Committee, Environmental Monitoring Society, Delhi. (**EMS**).
- VII. Life Member and Member of the Executive Committee, Indian Council of

Geographers (**ICG**).

- VIII. Life Member and Secretary of Indian Institute of Geographers (**IIG**).
- IX. Life Member National Association of Geographers India (**NAGI**).
- X. Life Member, Association of Geographical Studies (**AGS**).
- XI. Life Member, Deccan Geographical Society (**DGS**).
- XII. Life Member, Ethnographic and Folk Culture, Society (**EFCS**)
- XIII. Member of Executive Committee, Delhi Bhoogol Shikshak Club (**DBSC**).
- XIV. Member of Indian Science Congress Association (**ISCA**).
- XV. Member, Commission on Hazards and Natural Resources, National Association of Geographers' India (**NAGI**)

Other Activities

Social Voluntary works with Students of Shaheed Bhagat Singh Eve. College, University of Delhi to help Flood Affected People of Bihar in 2008-09.