

DEPARTMENT OF GEOGRAPHY DYAL SINGH COLLEGE, UNIVERSITY OF DELHI FACULTY DETAIL



Title	Dr	First Name	ABHAY SHANKAR	Last Name	PRASAD	Photograph
Designation		Assistant Professor				
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Educational Qualifications						
Degre	ee	Institution				Year
Ph.D.		Department of Geography, Delhi School of				2017
		Economics	s, University	of Delhi, D	elhi	
M. Phil		Department of Geography, Delhi School of				2013
		Economics	s, University	of Delhi, D	elhi	
NET-JRF		University Grants Commission (UGC)				2010
Career Profile						

- ◆ Editorial Board member at **The Association for Geographical Studies (AGS)**, Department of Geography, Delhi School of Economics, University of Delhi, Delhi, India, http://ags.geography.du.ac.in/Editorial%20Board.htm.
- ◆ Editorial Board Member at Knowledgeable Research (KR), an International open-access peer-reviewed monthly journal, Bareilly Uttar Pradesh. https://knowledgeableresearch.com/index.php/1/about/editorialTeam.
- ◆ Former Senior Reviewer for <u>The European Conference on Sustainability</u>, <u>Energy and the Environment 2017</u> (ECSEE2017). 7-9 July 2017, Brighton, United Kingdom, Organized by The International Academic Forum (IAFOR) is a research organization. http://iafor.org/archives/conference-programmes/ecsee/ecsee-programme-2017.pdf
- ◆ Reviewer for the European Conference on **Sustainability, Energy & the Environment, 2018** (**ECSEE2018**). The Jurys Inn Brighton Waterfront, Brighton, UK | July 6-7; Organized by The International Academic Forum (IAFOR).

- ◆ Abstract Reviewer for 5th International Climate Change International Conference, Adaptation Future, 2018. 18-21 June 2018, Cape Town, South Africa. http://adaptationfutures2018.capetown/programme/#reviewers
- ♦ Former Participate at Potsdam, Germany for the **fourth Potsdam Summer School from- 03th- 13th-September 2017, Germany.** -In partnership with the City of Potsdam, 2017;
 Potsdam Summer School was organized by the Alfred Wegener Institute, Helmholtz
 Centre for Polar and Marine Research (AWI), the Helmholtz-Centre Potsdam GFZ German
 Research Centre for Geosciences, the Institute for Advanced Sustainability Studies (IASS),
 the Potsdam Institute for Climate Impact Research (PIK), and the University of Potsdam,
 Germany.

https://potsdam-summer-school.org/archive/archive-2017/participants-2017/

- ♦ Former Participate at **Sharm El Sheikh**, **Egypt**, **in November 2018 for the "World Youth Forum"** Under the Auspices of Egypt President Abdel Fatah al Sisi. The participating leaders and experts discussed International and Regional issues, Human Rights, Globalization, Sustainable Development as well as technology and social media and their impact on the population.
- ◆ Former Participate at Mashad, Iran for the International Summer School of Ferdowsi University of Mashhad, Iran and International Summer School on Educating for a Sustainable Development which was held at the University of Tehran, 1 to 10 September 2018
- ♦ Former Participant Td Summer School 2014, Germany Trans-disciplinary Research at the Science | Society Interface (www.leuphana.de/td-training), held from 31 August − 09 September 2014 at Leuphana University Lüneburg, Germany. Financed by Leuphana University Lüneburg and the Climate Service Center 2.0, Hamburg, Germany.
- ◆ Project Fellow, 2013, under the research project entitled "Impact of physical variability on land use transformation in the interfluves of Ghaghara-Gandak and Karamnasa-Son rivers" in Bihar. UGC -Major Research Project. PI- Dr V.A.V. Raman, Department of Geography, Shaheed Bhagat Singh College, University of Delhi, Delhi.

Administrative Assignments (From 1st July 2017 onwards)

- ➤ Co-Nodal Officer for OBE Exam: Co-Nodal Officer for Conducting OBE March/April 2022 Dyal Singh College, 2022
- As a Subject Expert and head of the Selection Committee to Conducted interviews for the post of PGT (Geography), Kendriya Vidhyalaya under cluster 4, Delhi.
- Organising Secretary of the National Seminar on Geography of Polyvocality: The (Un) heard Voices in Sustainability, organized by the Department of Geography, Dyal Singh College, University of Delhi, 8-9 April 2023.
- ➤ All India Survey on Higher Education (AISHE) **Extended Member** of Internal Quality Assurance Cell (**IQAC**) **2022-2023**, Dyal Singh College, University of Delhi, Delhi.
- ➤ Committee Member of Sustainability Forum Green Audit -2022; Under Internal Quality Assurance Cell (IQAC), Dyal Singh College, University of Delhi, Delhi.
- ➤ Member of Staff Council Committee (Quiz and Creative Writing) 2022-2023
- ➤ Admission Committee Member 2022, 2023
- ➤ Member of Staff Council Committee (Environment Club and Web Development Committee) 2023-2024
- ➤ Annual Quality Assurance Report (AQAR) Extended Committee Member-2023
- ➤ Member of **DSC-Sustainability Forum** (Water Management and its Sustainability)

Areas of Interest / Specialization

Environmental Hazards & Disasters, Disaster Risk Reduction, Vulnerability and Adaptation Assessment in High Altitudes, Sustainable Development

Subjects Taught

Disaster Management, Remote Sensing and GIS, Field Techniques and Survey Based Project Reports, Rural Development, Sustainable Development, Regional Planning, Physical Geography

Research Guidance

September 2019 to January 2020, Mentor in an Innovative Research Project on **Indigenous and Neo-Scientific Methods of Water Conservation Practices for Sustainability**. Department of Geography, Shaheed Bhagat Singh College, University of Delhi.

Publications Profile (From 1st July 2017 onwards)

- Abhay Shankar Prasad, Bindhy Wasini Pandey, Swati Thakur, Avantika Ojha*, Sambhawna Chaudhary and Usha Rani (2023). Risk Assessment of Industrial Hazards, Resilience and Disaster Risk Reduction for Sustainability: A Case Study of Industrial Area in Ghaziabad District, NCR Delhi. Disaster and Development, National Institute of Disaster Management, UGC Listed Journal, ISSN: 0973-6700, https://nidm.gov.in/journal17.asp, Vol. 11, No. 2, July - December 2022, pp 125-146.
- 2. 2023. Geo-Environmental Hazard Issues, Challenges, and Adaptation for Livelihood Security and Disaster Risk Reduction in Rudraprayag District, Uttarakhand. International Journal of Ecology and Environmental Sciences 49: 139-153, 2023, ISSN: 2320-5199 (Online); https://doi.org/10.55863/ijees.2023.2620 © National Institute of Ecology, New Delhi. UGC Care listed Journal, International Journal of Ecology and Environment

https://nieindia.org/Journal/index.php/ijees/article/view/2620.

- 3. 2023. Natural Resource Management and Rural Livelihood Sustainability in High Mountain Village of Garhwal Himalaya, Uttarakhand. In Abhay, R. K. et.al., (Eds), Constraints in Achieving Sustainability of India, Published by @ Teri: The Energy and Resources Institute, ISBN No -978-93-94657-12-0, pp 41-53
- 2021. Impact of Land Use Change on Livelihood Options: A Case Study of Upper Pasolgad Watershed, Uttarakhand. In B. Thakur et.al., (Eds), Resource Management, Sustainable Development, and Governance: Indian and International Perspective @ Springer Nature Switzerland AG, 2021, Sustainable Development Goals Series, ISSN-2523-3084, and ISBN- 978-3-030-85838-4, DOI- http://doi.org/10.1007/978-3-030-85839-1
- 5. 2021. Water Resource Management Through Ecological Restoration in Garhwal Himalaya, Uttarakhand, India. In: Pandey B.W., Anand S. (eds) Water Science and Sustainability. Sustainable Development Goals Series. Springer, Cham. Print ISBN: 978-3-030-57487-1; Online ISBN: 978-3-030-57488-8; ISSN 2523-3084; ISSN 2523-3092 (electronic), https://doi.org/10.1007/978-3-030-57488-8 12.
- 6. 2020, Ecological Challenges and Vulnerability Assessment for Exploring the Adaptation-Development Nexus for Sustainability in Alaknanda River Basin, Uttarakhand, India. In Sahdev S. Singh, R. B. Singh and M. Kumar (eds) Geoecology of Landscape Dynamics. Advance in Geographical and Environmental Sciences, Springer, Singapore. Print ISBN No 978-981-15-2096-9 and Online ISBN No 978-981-15-2097-6
- 7. 2018, Slope Vulnerability, Mass Wasting and Geohydrological-hazards in Himalaya: A Case Study of Alaknanda Basin, Uttarakhand. Accepted and published in VIII GeoSciEd 2018 8th Quadrennial Conference of the International Geoscience Education, Organization (IGEO) Geosciences for Everyone and VIII Simposio Nacional de Ensino e Historia de Ciencias da Terra / EnsinoGEO-2018 Geociencias para Todos. **Terrae Didatica.** Vol. 14. No. 04. PP 395-404, 2018. ISSN: 1980-4407. Campinas-Brazil.
- 8. 2017, Impact Assessment of Natural Hazard on Livelihood Security, Biodiversity and Sustainable Development in Alaknanda River Basin, Uttarakhand. Chief Editor, Prof. B. C. Vaidya, International Geography Journal, **The Deccan Geographer**, Peer Review Refereed Journal, ISSN No-0011-7269, Volume-55, Number-1 and 2, June and December, Page No- 132-146.
- 9. 2017, Water Resource Management through Community, Social Workers and NGOs Participation in Lesser Garhwal Himalaya. In Water Resources Potentiality, Vulnerability and Management Indian experiences, Research India Press, New Delhi. 2017, PP, 71-88; ISBN: 978-93-5171-095-0.

10. 2017, Urban Dynamics and Resource Consumption: A Case Study of NCT of Delhi. in Poonam Sharma and Swati Rajput (Eds.) In **Sustainable-Smart Cities in India, - Challenges and Future Perspectives; Springer International Publishing**. ISBN 978-3-319-47145-7; (E-Book) ISBN: 978-3-319-47144-0, 2017. Pp. 333-352.

Conference Organization/ Presentations (From 1st July 2017 onwards)

- 2023, March 15-17, Participated and Presented the Research Paper entitled
 "Assessment of Fire Disaster Risk Reduction in Higher Educational Institution:
 A Case Study of Dyal Singh College, Delhi University" in the technical session
 "Corporate Society Responsibility and Disaster Risk Management" at National
 Conference on Transforming India Risk to Resilience, organized by Jawaharlal Nehru
 University, SCDR, Delhi.
- 2. 2022, November 24-25. Participated and acted as **Rapporteur in a Technical session in Humanities and Biodiversity** at the International Conference on Sustainability, Future Earth and Humanities: Opportunities and Challenges, organized by International Geographical Union (IGU) Thematic Conference, 2022, Central University of Haryana, Mehendragarh, Haryana.
- 3. 2022, November 24-25. Participated and Presented the Research Paper entitled "Impact of Anthropogenic Activity and Climate Variability on Eco-Hydrology and Exploring the Adaptation-Development Nexus in Alaknanda River Basin, Uttarakhand, India" at the International Conference on Sustainability, Future Earth and Humanities: Opportunities and Challenges, organised by International Geographical Union (IGU) Thematic Conference, 2022, Central University of Haryana, Mehendragarh, Haryana
- 4. 2022, June 7, Participated in The Online Training Program on Rainwater Harvesting and Management, Organized by Water Digest in partnership with Delhi Jal Board, Delhi, India.
- 5. 2021, March 15-16, Participated and Presented the Research Paper (Livelihood Restoration and Strengthening Dynamics: Challenges and Opportunities in Rudraprayag District, Uttarakhand) in the National Conferences (Online) on Climate Change and Pathways to Self-Reliant India: Opportunities and Challenges for Sustainable Development Organized by Department of Geography, Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi.

- 6. 2020, December, 18-20, Participated and Presented the Research Paper (E-KAM Fest & Its Impact on Our Society and Equal Opportunity for Sustainable Development Goals) in the IGU India International Conference (Virtual), 2020 on "Global to Local Sustainability and Future Earth" during December 18th -20th, 2020 organized by the Department of Geography, MLSU, Udaipur (Raj.), India.
- 7. 2020, September 14, Speaker in the Webinar of Prime Minister's 10 Point Agenda No- 8 On Disaster Risk Reduction, Why Planning is Important for Disaster Risk Management? on the Topic of Fire Disaster Risk Reduction in Dyal Singh College, Delhi University, Delhi, Organised by National Institute of Disaster Management (Ministry of Home Affair, Government of India) in Collaboration with Dyal Singh College, University of Delhi, Delhi.
- 8. 2020, July 24, participated in the One Day National Webinar on "Restructuring Geography to Meet New Challenges", organized by the Department of Geography Samrat Prithviraj Chauhan Government College, Ajmer, (Under the aegis of IQAC)
- 9. 2020, June 22, participated in the One Day National Webinar on the Impact of Covid-19 on the Migrant Workers and Future Strategies for Sustainability Livelihood organized by Jagjiwan College, Bodh-Gaya, Bihar.
- 10. 2020, June 5, participated in the Webinar on Save Earth Think Globally Act Locally in Context to Covid-19 (On the Occasion of World Environment Day); Organized by the Department of Geography, D.A-V College, Kanpur, Uttar Pradesh.
- 11. 2020, May 20, participated in the Webinar on Higher Education in India: Pandemic Paradigms; Organized by Internal Quality Assurance Cell, Dyal Singh College, University of Delhi, Delhi.
- 12. 2020, May 5-6, participated in the International Workshop on COVID-19 Mass Disaster and Possible Management: Challenges for Immediate Future, Organized by the India International Intellectual Society (IIIS) in association with Central University, Pondicherry and Deenbandhu Chhotu Ram University (DCRUST), Murthal, New Delhi, India.
- 13. 2019, 22-23rd October, Participated as a Delegate in the University Grant Commission (UGC), Government of India and **UKIERI**, **Government of UK**; **Research Project: HiFlo-DAT**, **Indian Himalayan Flood Database for Disaster Risk Reduction** (**DRR**), Organized by the Bath Spa University, United Kingdom and University of Delhi at Guest House, University of Delhi, Delhi.

- 14. 2019, 3-4 September, Participated and acted as Rapporteur in a Technical session "Water Geographical Issues and Prospects" and Rapporteur in a Panel Session "Natural **Resource Laws & Policy Framework"** in the National Conference on "Spatial Dimension of Environmental Problems and Natural Resource Law" Organized by Shaheed Bhagat Singh College, University of Delhi, Delhi.
- 15. 2019, 3 4 September. Participated and Presented the Presentation (Impact of Anthropogenic Activity and Climate Variability on Eco-hydrology and Exploring the Adaptation-Development Nexus in Alaknanda River Basin, Uttarakhand, India. in the National Conference on "Spatial Dimension of Environmental Problems and Natural Resource Law" Organized by Shaheed Bhagat Singh College, University of Delhi, Delhi.
- 16. 2019, 22-24 January, Participated and Presented the Poster Presentation (Ecological Challenges, Extreme Events, and Sustainable Development: A Case Study of Alaknanda River Basin) in the "International Conference on Changing Paradigms in Interdisciplinary Research in Higher Education across the Globe and Its Relevance in Teacher Education. Organized by the University of Education, Guru Govind Singh Indraprastha University, New Delhi, India.
- 17. 2018, 2-6 November, Participated and Presented the Paper in the World Youth Forum, 2018, Sharm El Sheikh, Egypt on the theme of "Constructive Ideas to Make the World Better Place" organized by the Auspices of Egypt President Abdel Fatah al Sisi and his President Leadership Members.
- 18. 2018. Participated and Presented the Paper (Adaptation of Extreme Climatic Events Issues and Challenges in Alaknanda River Basin, Uttarakhand) in the **National Conference on Environmental Resource and Development of the Indian Himalaya**, held at Srinagar, Uttarakhand. Organized by Department of Geography, HNB Garhwal, Sri Nagar, Garhwal, Uttarakhand.
- 19. 2018, 04 11th June, participated as a Delegate in the Faculty Development program organized by **Internal Quality Assurance Cell & Faculty of Science**, Dyal Singh College, University of Delhi, Delhi, Sponsored by the Ministry of Environment, Forest and Climate Change. Faculty Development Program on Environment Sustainability and Higher Education.
- 20. 2018, 18-20th June, Participated as Delegate in the University Grant Commission (UGC), Government of India **UKIERI**, **Government of UK**; **Research Project: HiFlo-DAT**, **Indian Himalayan Flood Database for Disaster Risk Reduction** (**DRR**), Organized by the Bath Spa University, United Kingdom and University of Delhi at International Guest House, University of Delhi, Delhi.

- 21. 2018, 21-22 April, Participated and presented a paper (Hydro Climatological Hazards and exploring the adaptation Development Nexus in Alaknanda River Basin, Uttarakhand) in Technical Session-1: Science of Climate Change and Academic Research, National Seminar on Climate Action for India's Commitment to Combat Climate changes organized by Department of Geography, Shaheed Bhagat Singh Evening College, University of Delhi, Delhi.
- 22. 2018, 21-22 April, Participated and presented a paper (Anthropogenic Adaptation to Extreme Climatic Events Issues and Challenges in Alaknanda River Basin, Uttarakhand) in Technical Session-1: Climate change and Ecological Mitigation, Adaptation and Inclusive Development. National Seminar on Climate Action for India's Commitment to Combat Climate changes organized by Department of Geography, Shaheed Bhagat Singh Evening College, University of Delhi, Delhi.
- 23. 2018, April, 20-21, Participated and presented a paper (Assessment of Disaster Vulnerability and Preparedness Plan for Disaster Management Planning) in the International Conference on Mass Disaster & Emergency Management. Organized by National Task Force for Disaster Management in association with Kingsmead School, England and Dyal Singh College, University of Delhi.
- 24. 2017, December, 5-7, Participated and presented a paper (Anthropogenic Activities and its Impact on Hydrological Hazards: A Case Study of Alaknanda River Basin, Uttarakhand) in the 39th Indian Geography Congress, National Association of Geographers India (NAGI), On Future Cities, Sustainable Development and Geospatial Technologies, Department of Geography, Osmania University, Hyderabad.
- 25. 2017, April, 21-22, Participated and presented a paper (*Ecological Challenges*, *Hydrological Hazards and its Adaptation in Alaknanda River Basin, Uttarakhand, India*) in the Two-Day National Seminar on Adaptation and Implementation of Paris Agreement National Initiatives towards Climate Change Mission, Department of Geography, Shaheed Bhagat Singh College (Evening), University of Delhi, Delhi, India.
- 26. 2017, March, 17-19, Participated and presented a paper (Climate Change, Land Use, and Land Cover Change Detection and Its impact on Hydrological Hazards and Sustainable Development: A Case Study of Alaknanda River Basin, Uttarakhand, India) on the 9th edition of the International Conference Air and Water Components of the Environment, organized by Babeş-Bolyai University of Cluj-Napoca, Romania and Air and Water Association, Romania.

- 27. 2017, February, 3-4, Participated and presented a paper (*Ecological Challenges*, Extreme Climatic Events Assessment for Disaster Risk Reduction in High Altitude Region of Himalaya Ecosystem: A Case Study of Alaknanda River Basin, Uttarakhand) At National Conference on Making Cities Resilient: Post Habitat-iii. Organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi, Delhi, India.
- 28. 2017, February, 1-2, Participated and presented a paper (Extreme Climatic Events Assessment for Disaster Risk Reduction and Sustainable Development in High Altitude Region of Himalaya Ecosystem: A Case Study of Alaknanda River Basin, Uttarakhand, India) in International Conference on Spatial decision support for UN Sustainable Development Goals. Organized by the Department of Geography, Kalindi College, University of Delhi, Delhi, India.

Awards and Distinctions (From 1st July 2017 onwards)

RAWAD 2030, at Sharm El Sheikh, Egypt, November 2018 in the "World Youth Forum" Under the Auspices of Egypt President Abdel Fatah al Sisi.

Association with Professional Bodies

- 1. Life Member, The Association of Geographers Bihar & Jharkhand, Dept. of Geography, Patna University, Patna-800 005, Regd. No. 1318/2010-11 Under Societies Registration Act 21, 1860
- 2. Life Member, Association of Geographical Studies (AGS). 2013
- 3. Life Member, Department of Geography, North-Eastern Hill University, Shillong, India 793 022, Life Membership No- 1987/2016
- 4. Life Member- DGSI, The Deccan Geographical Society, Pune, India, 2017

Faculty Development Programs / Refresher Course / Orientation

➤ 2023, 06 March to 20 March, participated and obtained a grade of A+ in the Online Two-Week Refresher Course in Geography organized by Teaching Learning Centre Ramanujan College (Accredited Grade 'A' By NAAC) University of Delhi under the aegis of Ministry of Education (Formerly Ministry of Human Resource Development, MHRD) Government of India Under the aegis of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT).

- ➤ 2021, 28 October to 30 October, participated in the Online Training Programme on "Training Programme on Role of Youth in Disaster Risk Reduction, Organized by the National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Dyal Singh College University of Delhi.
- ➤ 2021, 18-23 October, successfully completed One Week Faculty Development Programme (FDP) on Role of Teachers in Higher Education in the Context of NEP 2020 (Online Mode Only) from October 18-23, 2021 organized by FDC, M. D. University, Rohtak, Haryana, Organized by Maharshi Dayanand University, Rohtak (Haryana), (NAAC 'A+' Grade State University), Faculty Development Centre, (Under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, MoE, Government of India). This FDP has been organized as per the guidelines of MoE, vide Letter No. F.No.1-62/2016-PN-II dated 19.10.2020 and of UGC vide Letter No. F.12-12/2020(HRDC) dated 01.07.2020.
- ➤ 2021, 30 January to 14 February, participated and obtained a grade of A+ in the Two-Week Interdisciplinary Refresher Course/Faculty Development Programme for "Advanced Research Methodology Tools and Techniques" organized by Teaching Learning Centre Ramanujan College (Accredited Grade 'A' By NAAC) University of Delhi under the aegis of Ministry of Education (Formerly Ministry of Human Resource Development, MHRD) Government of India Under the aegis of PANDIT MADAN MOHAN MALVIYA NATIONAL MISSION ON TEACHERS AND TEACHING (PMMMNMTT).
- ➤ 2021, 22 28 January, participated and obtained a grade of A+ in the Faculty Development program, a one-week Online Workshop on "Skill Enhancement And Capacity Building For Non-Teaching And Teaching Staff" organized by the Ministry of Education (Formerly Ministry of Human Resource Development, MHRD) Government of India Under the aegis of PANDIT MADAN MOHAN MALVIYA NATIONAL MISSION ON TEACHERS AND TEACHING (PMMMNMTT) Kamala Nehru College (University of Delhi) (Accredited Grade 'A' by NAAC) Under The Aegis of PARAMARSH, UGC in collaboration with Teaching Learning Centre Ramanujan College (University of Delhi) (Accredited Grade 'A' by NAAC).
- ▶ 2018, 04 11th June, participated in the Faculty Development program organized by Internal Quality Assurance Cell & Faculty of Science, Dyal Singh College, University of Delhi, Delhi, sponsored by the Ministry of Environment, Forest and Climate Change. Faculty Development Program on Environment Sustainability and Higher Education.

