

Curriculum Vitae

Full Name	Dr. D. D. Chauniyal		
Designation	Visiting Professor		
Department	Geography		
University	N. N. Himalayan Research and study Center, Doon University , Dehra Dun		
Previous Service	Sr. Professor in Geography Department HNB Garhwal Central University Srinagar. Superannuated in 2019		
Mobile	09412998102		
Email	devidattchauniyal@gmail.com chauniyal_devidatt@yahoo.co.in		
Education Qualification	M.A., Ph. D. (Geography), and P.G. Diploma in Remote Sensing and GIS from IIRS,D. Dun, 4 months GIS training course, 2 months cartography and mapping course and one month's Neo-tectonic course from IIRS, Dehra Dun.		
Teaching Experience	35 years	Research Experience	35 Years
Areas of Interest/ Specialization			
1. Geomorphology 2. Application of Remote Sensing and GIS 3. Geohydrology and Environmental Geography			
Publication of book on-			
1. Principles of Remote Sensing and GIS (Hindi) second edition. 2. Mountain Geomorphology (Ed)			
Member of Academic Institutions			
1. Vice President of Indian Institute of Geomorphology, India. 2. Executive Member of Kumaun University, Nainital 3. Member of Academic Council, Doon University, Dehra Dun			
Membership of Scientific Organization			
1. Vice President of IIG since last 5 years. 2. Life member of Indian Remote sensing society, India. 3. Life member of Journal of Deccan Geographer 4. Life member of Indian Geomorphologic Journal 5. Life member of Journal of Punjab Geographer 6. Life member of National Association of Geography India (NAGI) 7. Recently elected president of Indian Institute of Geomorphologist (IGI)			
Research Supervision (No. of Ph.D. Degree Awarded)			
Awarded- 25			
Administrative Experience			
1. Assistant Proctor (one year) 2. NSS assistant Coordinator (Two year) 3. Field Surveyor 3. At present Head Department of geography, Doon University, Dehradun			
Scientific Visits Abroad/International Collaboration			
Yes			



International Conferences Attended during last five years (2013-2019).**Attended- Six International Conferences**

1. 8th IGA Conference Attended at Paris f(France) from July 27-31, 2013
2. IGA Regional Conference attended at Barnaul (Masco) from July 2-4, 2015

3. IGA Conference attended at Beijing (China) from August, 20-23, 2016.
4. EGU Conference attended at Vienna (Austria) from April 23-28, 2017
5. EGU Conference attended at Vienna (Austria) from March 11-14, 2018
6. Arabian Journal of Geosciences Conference attended at Hammamet Tunisia from Nov. 12-15, 2018
7. 9th IGA Conference Attended at N. Delhi (India) from July 27-31, 2013
7. Regional Conference of Geomorphology going to attend at Athens from Sept 19-21, 2019.

Papers Presented in International Conferences last 5 years

1. Evolution of neo-tectonic landforms between Srinagar and Bagwan in Lower Alaknanda valley.
2. Active neo-tectonic evidences on quaternary sediments in Alaknanda valley between Bagwan and Srinagar of Garhwal Himalaya, India.
3. Changing pattern of channel morphology of Alaknanda River in Srinagar Valley, Garhwal Himalaya, India.
4. Tectonic Control on the Channel Pattern of Alaknanda River in Srinagar Valley (Garhwal Himalaya).

National Seminar Attended and Paper Presented

1. 2012- 25th conference of Indian Geomorphological Institute (IGI), Allahabad on Environmental Geomorphology.
2. 2013- 26th conference of IGI, Badodara (Gujrat) on Geomorphology
3. 2014- 27th conference of IGI, Medanipure (WB) on Coastal Geomorphology
4. 2015- 28th conference of IGI, Shillong on Human Impact and Landscapes.
5. 2016- 29th conference of IGI, Kolkotta on Geomorphology and Natural Hazards.
6. 2014- National Seminar on Geo-Environmental Hazard and Neo-Tectonic Activities in Himalaya. Organised by Department of Geology, HNB Garhwal University, Campus Tehri.
7. 2016 and 2017 – Uttarakhand Science Congress. Organised by Uttarakhand Council of and Technology (UCOST), Dehra Dun.

Conference/Symposium/Workshop Organized

1. One IGI conference and 2 workshops in RS and GIS.

Best Peer-Reviewed Publications 2015 onwards (up to 20)

1. Chauniyal, S. and **Chauniyal, D. D.**, 2016. "Level of Socio-Economic Development in the mountain watershed of Uttarakhand (India)". In Chand, R. and et al (Eds), Societies, Social Inequalities and Marginalization, Margins in the 20th Century. **Springer**, Vol. 2, Pp 71-88.
2. **Chauniyal, D.D.** and Dutta, S., 20115. Terrain Evaluation and Landform Utilization in the Lower Bino Basin, Uttarakhand. **Journal of Indian Geomorphology** Vol. 3. Pp61- 72.
3. **Chauniyal, D.D.** and Dutta, S. 2015. Active Neotectonic Evidences on Quaternary Sediments in Srinagar Valley (Alaknanda Basin) of Garhwal Lesser Himalaya. Extended abstract of International Association of Geomorphologist (IGA), Regional Conference July 2-4, Barnaul, Russia, Pp79-81.
4. **Chauniyal. D.D and Dutta. S.,** 2016. "Z score analysis in the identification of morpho unit in Dudhatoli region of Garhwal Himalaya (Based on GIS techniques)". **Geographical Outlook**, Vol XXIII. Pp 73-82.
5. **Chauniyal. D.D and Dutta. S.,** 2015. "Temporal changes in Bhyari Landslide and its Effects on Environment (Garhwal Himalaya)" **International Journal of Current Research**, Vol VII, (issue 7), pp 18805-18809.
6. **Chauniyal. D.D and Dutta. S.,** 2015."Assessing Landslide Exposue and its Effects on Local Environment A Case Study of Bhyari Landslide (Garhwal Himalaya)" In Siddiqui, R.S., Singh, P.K (ed.), Resource Management and Development Strategies, A Geograpgical Perspective, Pravalika Publication, Allahabad, PP 175-190.
7. Kumar, S., **Chauniyal, D.D.** and Dutta, S. 2016. Morphmetric Analysis of Rupin Drainage Basin in Western Himalaya: Using Geospatial Techniques. **International Journal of Current Research**, Vol. 8, Issuee, 10, Pp 40110-40117.
8. Kumar, R. **Chauniyal, D. D.** and Dutta, S., 2016. Demographical Profile of the Kumauan Himalaya (Uttarakhand). **Research Strategy**, Vol. v6th, Department of Geography, VSSD College, Kanpur. Pp19-29.
9. Chauhan P., **Chauniyal,D.D.** Nilendu Singh, Reet Kamal Tiwari 2016. Quantitative geo- morphometric and land cover based micro-watershed prioritization in the Tons river basin of the lesser Himalaya. **Journal of Environmental Earth Sciences.**75:(6)498, 1-17. (IF. 1.77). DOI 10.1007/s12665-016-5342-x
10. Chauhan,P, Singh, N., **Chauniyal,D.D.**, Rajeev Ahluwalia and Mohit Singh (2015). Differential behaviour of a lesser Himalayan watershed in extreme rainfall regimes. **Journal of Earth System Sciences.** (Accepted), {IF. 1.04}. DOI 10.1007/s12040-017- 0796-0
11. Dass K.K., **Chauniyal D.D.** & et.al.,2007. Assessment of Livestock Garzing Pressure in Ranthambore National Park Rajasthan, India Using Geospatial Tool. **Asian Journal of Geoinformatics**, Vol. 7, No. 1.
12. Haiying Yu M.D., Joshi P.K.,Dass K.K., **Chauniyal D.D.**, Melick D.R., Yang X and Xu J. 2007. Land use/Cover Changes and Eco-Environment Vulnerability Analysis in Birahi Ganga Sub-Watershed in the Garhwal Himalaya, India. **International Journal of Applied Earth Observation and Geoinformatics**.

13. **Chauniyal, D.D.** and Dutta, S, 2015. Temporal Changes in Bhyari Landslide and its Effects on Environment (Garhwal Himalaya). Published in International Journal of Current Research. Vol.7, Issue 7 Pp 18805-18809.

14. **Chauniyal, D. D.** and Dutta S. 2015. Active neo-Tectonic Evidences on Quaternary Sediments in Srinagar Valley (Alaknanda Basin) of Garhwal Himalaya, India. Published in extended abstracts on Gradualism vs Catastrophism in Landscape Evolution IAG Regional Conference July 2-4, 2015, Barnaul Russia. P79-81.

15. **Chauhan Pankaj, Chauniyal, D.D.,** Singh Nilednu and Tiwari Reet Kamal. 2015. “Quantitative geo-morphometric and land cover based micro-watershed prioritization in the Tons river basin of the lesser Himalaya”. **Journal of Environmental Earth.**

16. **Chauniyal D. D. & Dutta S.,** 2016. Z Score Analysis in the Identification of Morphs Unit in Dudhatoli Region of Garhwal Himalaya (Based on GIS Techniques).

17. Semwal S, and **Chauniyal D.D.,** 2016. Meanders Geometry of Alaknanda River in Srinagr Valley (Grhwal Himalaya). Indian Journal of Geography and Environment Vol 15, p 25-37.

18. **Chauniyal, D.D.** 2018. Evidences of Neo-tectonic landforms between Srinagar and Bagwan area in Lower Alaknanda Valley (Garhwal Himalaya). Paper presented in the Arabian Journal of Geo-Sciences in Tunnisia and published by Springer Publication on line, <https://doi.org/10>.

Total Number of Research Publications: 55

Research Project Conducted: 05

1. U.G.C. – 01
2. UCOST- 01
3. G.B. Pant Environment & Development- 01
4. Consultancy Project- 01
IIRS, Dehra Dun- 01

(Prof. D.D. Chauniyal)

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Short C. V of Prof. D. D. Chauniyal

Prof. D. D. Chauniyal is presently Visiting Professor and In charge of Geography Department in Dr Nitya Nand Himalayan Research and Study Centre, Doon University, Dehra Dun.

Prof Chauniyal has 40 years teaching and research experience in Geography of University level and published more than 65 research papers in International and National Journals/ books. He published a book on remote sensing and GIS in Hindi which become very popular among PG students and research scholars of Geography and allied subjects in Hindi speaking areas.

His field of specialization is geomorphology, hydrology, and application of RS and GIS. He has supervised 25 research scholars Ph. D. in geomorphology and related branches of Geography. He has presented his research papers in the International conferences of geomorphology Paris, Beijing, Vienna, Moscow, Tunisia, Athens etc on Tectonic Geomorphology and Geo-hydrology. His field of research is mountains particularly Garhwal and Kumaun Himalaya.

