

CURRICULUM-VITAE

Dr. Manoj Kumar Parmar
Department of Geology
Bhakt Darshan Govt. P.G. Collage
Jaiharikhal, Pauri Garhwal
Uttarakhand



EDUCATIONAL QUALIFICATION

: M.Sc. D.Phil, GEOLOGY

- **D.Phil Degree (Geology)** HNB Garhwal University Srinagar [Garhwal], 2010
Title of D.Phil Degree: *Resource Dynamics and Its Implications for the Sustainable Watershed Development: A Case Study of Takoli Gad Watershed, Garhwal Himalaya*
- **M.Sc. [Geology]** Birla Campus, HNB Garhwal University Srinagar, Garhwal, 1996
- **B.Sc [Zoology, Geology, Botany]** Birla Campus, HNB Garhwal University Srinagar, Garhwal, 1993
- **Intermediate**, G.I.C. Gopeshwar, District Chamoli, 1990
- **High School**, G.I.C. Gopeshwar, District Chamoli, 1988
- Advance Diploma in Software Technology (1999-2000) from Hiltron Calc, Srinagar [Garhwal].
Operating System: MS DOS, MS OFFICE WIN 98, Microsoft Word, Excel, Power Point.

TEACHING EXPERIENCE: **20 Year**

RESEARCH EXPERIENCE:

- Twenty years research experience in Watershed Management in Himalayan terrain.
(2005 to 2025)

M,Sc. DISERTATION: 22 PG students are guided for their dissertation.

SPECIALISATION

- Watershed Management
- Capacity Building & Community Development
- Natural Resource Management

EDITED BOOK (01)

- Geo Hazards- Challenges and Solutions 2014. **(ISBN 978-81-89131-59-3)**

Research India Press, New Delhi

LIST OF PUBLICATIONS

Paper Published (38)

1. Fuel wood and Fodder Consumption Pattern in Gostu Gad Watershed, Pauri Garhwal, Uttarakhand, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 14, Number 10 (2019) pp. 2310-2314, **(UGC Approved Journal No. 64529) [2019]**
2. Physico Chemical Analysis of Soil: A Case Study of Takoli Gad Watershed, Garhwal Himalaya, International Journal of Applied & Pure Science & Agriculture, Vol 03, Issue 07 (July 2017), pp 30-37, (ISSN 2394-5532) **Impact Factor 4.446 (UGC Approved Journal No. 44872) [2017]**
3. Morphometric Analysis and Correlation between Morphometric Parameters with Mean Basin Altitude and Slope: A case study of Alaknanda Basin, Uttarakhand, India, Global Journal for Research Analysis, Vol 06, Issue 07 (July 2017), pp 391-394, (ISSN 2277-8160), **I. F. 4.547 (UGC Approved Journal No. 49177) [2017]**
4. Landslide Susceptibility Zonation along Rishikesh - Gangotri highway, Bhagirathi valley, Uttarakhand Himalaya, International Journal of Innovative Research in science, Engineering & Technology Vol. 5 Issue 7, pp 12129-12138 July 2016 [Publisher- ESS & ESS Research Publication] (ISSN 2319-8753) **Impact Factor 6.209 (UGC Approved Journal No. 48027) [2016]**
5. Geographical Information System based Morphometric Analysis of Takoli Gad Watershed, Tehri Garhwal, Uttarakhand, India, International Journal of Current Research, Vol.8, issue 11, pp 41469-41474, nov. 2016 (ISSN 0975-833X) **Impact Factor 6.226 [2016]**
6. A Descriptive Cross-Sectional Survey to Understand the Health Status of People after 2013 Kedarnath Flood in Srinagar, Pauri Garhwal, Uttarakhand, International Journal of Engineering & Techniques, vol 2, issue 5, pp 164-174, September October 2016 [Publisher- International Research Group] (ISSN 2395-1303) **Impact Factor 3.546 (UGC Approved Journal No. 44326) [2016]**
7. Rain Water Harvesting as Alternative in Water Scarcity Area: A Case Study of Takoli Gad Watershed, Garhwal Himalaya, International Journal of Innovative Research in science, Engineering & Technology, vol 5, issue 10, pp 18094-18099 October 2016 [Publisher- ESS

- & ESS Research Publication] (ISSN 2319-8753) **Impact Factor 6.209 (UGC Approved Journal No. 48027) [2016]**
8. Geohydrology of Springs in a Mountain Watershed: A Case Study of Takoli Gad Watershed Garhwal Himalaya, International Journal of Current Engineering and Technology, Vol.6, No.1 (Feb 2016) pp 26-30, [Publisher-International Press Corporation (INPRESSCO)] (E-ISSN 2277 – 4106) **Impact Factor - 4.550 [2016]**
 9. Climate Change Impact & adaptation Mechanism of the communities of Garhwal area and future Road Map, International Journal Of Multidisciplinary Research & Development, Vol 2, Issue 8, 411-415, Aug 2015, (ISSN 2349-4182) **Impact Factor - 3.762 (UGC Approved Journal No. 46566) [2015]**
 10. Seasonal Variations in Physico-Chemical Characteristics of Spring Water of Srinagar Garhwal, Uttarakhand, India, Indian Streams Research Journal, Vol- 05, Issue – 05, June 2015 (ISSN 2230-7850) **Impact Factor – 3.1560 [2015]**
 11. Fuel wood Consumption by Villagers in Different Altitudinal Gradient: A Case of Takoli Gad Watershed of Garhwal Himalaya, India, International Journal Of current Engineering and Technology, Vol-5, No.-1, Feb. 2015, pp 72-80 [Publisher-International Press Corporation (INPRESSCO)] (ISSN 2277-4106) **Impact Factor - 4.550 [2015]**
 12. Sthaniya Tatha Paramparagat Gyan Ke Dwara Samuday Par Aadharit Prakritik Sansadhano Ka Prabandhan Ek Addhyan, Chamoli Janpad, Uttarakhand, International Journal Of Multidisciplinary Research & Development, 2(4), pp 45-50, (ISSN 2349-4182) **I. F. - 3.762 (UGC Approved Journal No. 46566) [2015]**
 13. Pollution Studies of Some Important Springs and Stream of Badiyargad Watershed of Garhwal Himalaya, Geo Hazards- Challenges and Solutions Edit. M.S. Panwar, R.S. Negi. Devi Ram B.K. , M.K. Parmar, Research India Press, New Delhi, pp 168-192 (ISBN 978-81-89131-59-3) **[2014]**
 14. Impact of Landslide on Watershed Development: a case study of Takoli Gad Watershed, Tehri Garhwal Uttarakhand, Geo Hazards- Challenges and Solutions Edit. M.S. Panwar, R.S. Negi. Devi Ram B.K. , M.K. Parmar, Research India Press, New Delhi, pp 137-151 (ISBN 978-81-89131-59-3) **[2014]**
 15. Samuday Aadharit Krishi Bhumi Sansadhan Prabandhan Ki Paramparagat Paddati evam Chirantar Vikas Ki Sambhavnaye, Chamoli Janpad, Uttarakhand, International Journal of

- Scientific Research (IJSR), Volume – 3, Issue – 12, Dec. 2014, pp 1-3 (ISSN 2277-8179) **Impact Factor 1.8651 (UGC Approved Journal No. 49217) [2014]**
16. Performance of MGNREGA to poverty reduction: Study in Pauri Garhwal District, Uttarakhand, International Journal for Innovative Research in Science and Technology, Vol. 1, Issue 7, Dec. 2014, pp257-260 (ISSN 2349-6010) **Impact Factor 1.638 (UGC Approved Journal No. 48998) [2014]**
 17. Study of meteorological parameters and possible cause of extreme weather events at Garhwal region, Srinagar Uttarakhand, In the ICMOD'S Second Annual Regional Atmospheric Science Workshop, Pokhara, Nepal, 6-9 June, 2014 **[2014]**
 18. Physico-chemical Study of Springs: A Case Study of Machlad Gad Watershed, Garhwal Himalaya, Uttarakhand, India, Science Park Research Journal, Vol-2, Issue-19, pp 1-6, 20 Nov. 2014 [Publisher- Luxmi book publication] (ISSN- 2321-8045) **Impact Factor 1.6200 (UIF 2013) (UGC Approved Journal No. 45871) [2014]**
 19. The Effects of Climate Change on Natural resources and Socio-economic Condition of Himalayan Communities of Uttarakhand, India, International Journal of Modern Communication Technologies & Research (IJMCTR), Volumn -2, Issue -11, Nov. 2014 pp 21-25, [Publisher- E.R. Publication] (ISSN-2321-0850) **Impact Factor-1.692 [2014]**
 20. Fuelwood & Fodder Consumption Pattern in Uttarakhand Himalayan Watershed, International Journal of Environmental Biology, Vol. 4 (1): Pp35-40, [Publisher- Universal Research Publication] (ISSN 2277-386X) **[2014]**
 21. Landslide Disasters in Uttarakhand: A Case of Landslide Susceptibility Zonation of Alaknanda Valley in Garhwal Himalaya, Global Journal of Current Research, Vol. 2 No. 1. 2013. Pp.19-26 [Centre for Rural Development Ecology & Environment Protection (CRDEEP)] (ISSN 2320-2920) **(UGC Approved Journal No. 47359) I.F 2.912 [2013]**
 22. Climate Change Impacts on Water Resources and Livelihoods: A Case Study of Takoli Gad Watershed, Garhwal Himalaya, Uttarakhand, Asia Pacific Workshop on Forest Hydrology Water and Forests – Beyond Traditional Forest Hydrology, 23-25 September 2013, Dehradun India, pp 63-66, Info Meditasi, Taman Industry Balakong Jaya, Selangor, Malaysia **[2013]**
 23. Problem of Land Degradation and Mass Wasting along Corridor road Sector From Rudraprayag to Gaurikund of Garhwal Himalaya (Landslides and Environmental

- Degradation, Ed. R.A. Singh, Gyanoday Prakashan, Nainital, pp 23-31) **ISBN 81 85097 90 9 [2013]**
24. Causes and Consequences of Forest Fire Disaster and Coping Strategies for its Mitigation in Uttarakhand (Landslides and Environmental Degradation, Ed. R.A. Singh, Gyanoday Prakashan, Nainital pp 221-224) **ISBN 81 85097 90 9 [2013]**
 25. Environmental Geomorphology of the Badiyargad Watershed Garhwal Himalaya Uttarakhand, India. International Journal of Current Science 2013,6: E 78-86 (**ISSN 2250-1770**) **[2013]**
 26. Slope Stability Analysis of Byung Gad Landslide in District Rudraprayag Uttarakhand India. New Dimensions of Disaster Management in India, Vol I, ed. Anjuli Mishra, A.K. Singh, Serials Publication New Delhi, pp 383-396 (**ISBN 978-81-8387-564-6**) **[2013]**
 27. Landslide Hazard Zonation of District Rudraprayag of Garhwal Himalaya. International Journal of Current Research Vol. 4, Issue, 10 pp. 237-244, October, 2012 (**ISSN 0975-833X**) **Impact Factor 1.125. [2012]**
 28. Landslide hazard zonation using Remote Sensing and GIS: A Case Study of Giri Valley, District Sirmaur, Himachal Pradesh, International Journal of Environmental Sciences Vol. No. 1, 2012, Pp 26-39 [Centre for Rural Development Ecology & Environment Protection (CRDEEP)] (**ISSN 2277-1948**) **[2012]**
 29. Drainage Basin Morphology analysis of Lessar himalaya Badiyar Gad Watershed, Tehri District Uttarakhand Himalayan Geology, **Vol. 33**, No. 1, 2012, Pp 59-69 [Publisher- Wadia Institute of Himalayan Geology] (**ISSN 0971-8966**) (**UGC Approved Journal No. 18080**) **[2012]**
 30. Implications of GIS Application for the Sustainable Watershed Development in Garhwal Himalaya: A Case study of Takoli Gad Watershed, District Tehri Garhwal, Uttarakhand, International Journal of Basic and Applied Sciences, Vol 1, No. 3. Pp. 227-234 [Publisher- Centre for Rural Development Ecology & Environment Protection (CRDEEP)] (**ISSN 2277-1921**) **I.F. 4.42 [2012]**
 31. Landuse Pattern around Takoli Gad Watershed, District Tehri Garhwal, Uttarakhand: A Case Study. Journal of Soil and Water Conservation Vol. 10 No. 4 Pp 3-8. [Publisher- Soil Conservation Society of India] (**ISSN 0022-457X**) **Naas Rating 4 [2011]**

32. Geological Control on the Distribution and Discharge of Springs in Takoli Gad Watershed, Garhwal Himalaya, Uttarakhand Journal of Indian Water Resource Society, Vol. 31, No. (1-2) Jan-April, 2011 pp 44-58 [Publisher- Roorkee, India: The Society (ISSN 0970-6984) (UGC Approved Journal No. 47030) [2011]
33. Geohydrological Studies of the Springs and Stream Water: A Case Study of Takoli Gad Watershed, Garhwal Himalaya, Journal of Water & Land-Use Management, Vol. 11 No. 1 & 2/ 2011 pp 41-58 [Publisher- Prints Publications Pvt. Ltd. (ISSN 0973-9300) [2011]
34. Geomorphology and Distribution Discharge of Springs and Stream in Badiyargad Catchment, Garhwal Himalaya, Uttarakhand. Bulletin of Pure and Applied Sciences Vol. 29F (No.1-2) 2010: pp 33-49. (ISSN 0970-4639) (UGC Approved Journal No. 9580/9586) [2010]
35. "Sarvabham tapan ka veshvik Jalvayu par prabhav" in Research Journal of Bhoo-Chintan, Rashtreeya Samvikas Shodh Sansthan, Gaya, Bihar, June and December 2010, PP 1-9. (Research Journal of Bhoo-Chintan) (R.N.I. No. BIHBIL/2008/27286) [2010]
36. Geochemical Analysis of the Spring and Stream Water of Badiyargad Catchment, Garhwal Lesser Himalaya, Uttarakhand, India. Earth System Sciences Vol. I Ed. A. Kumar, R.S. Kashwala & B Takhur 2009, pp 166-183. (ISBN 81-8069-613-8) [2009]
37. "Uttarakhand ke Takoli Gad jalagam mai Sthit Gharat: Ek Bhaugolik sarvekshan" in research Journal of Bhoo-Chintan, Rashtreeya Samvikas Shodh Sansthan, Gaya, Bihar, R.N.I. No. BIHBIL/2008/27286, December 2009, PP 37-41. (Research Journal of Bhoo-Chintan) (R.N.I. No. BIHBIL/2008/27286) [2009]
38. Jev vividhta ke sanrakshan ka ek Bhaugolik vishleshan: Takoli gad jalagam ka ek suksm Stariya addhan in Research Journal of Bhoo-Chintan, Rashtreeya Samvikas Shodh Sansthan, Gaya, Bihar, VOL XIII, June 2007, No. 1, PP 33-37. (Research Journal of Bhoo-Chintan) (R.N.I. No. BIHBIL/2008/27286) [2007]

PAPER PRESENTED IN SEMINAR /CONFERENCE (17)

1. Geo hydrology of springs in a mountain watershed: A case study of Takoli Gad Watershed Garhwal Himalaya in state level workshop on Water Resource Management Jointly organized by Vishwa Youak Kendra, New Delhi, D.K.D., Srinagar Garhwal & UMANG HNB GU Srinagar Garhwal Uttarakhand. during November 28-29, 2018 at Senate Hall, Student Facility Centre, HNB GU Srinagar Garhwal, Uttarakhand

2. Watershed development: A case study of Gostu Gad watershed, Khirsu block, Pauri Garhwal, Uttarakhand, National Seminar on “ Sindhu Nadi Ka Udagam aur Jalagam shetro ki bhasa aur sanskriti” held at Joshimath, Chamoli Garhwal, Uttarakhand, Organised by SBS college, Delhi University, Delhi during 04 November 2016
3. Geohydrological studies of the springs and stream water: A case study of Takoli Gad Watershed, Garhwal Himalaya, National Seminar on Technological Intervention for Sustainable Hill Development June 17-19, 2013
4. Rain Water Harvesting as Alternative in Water Scarcity Area, A Case Study of Takoli Gad Watershed, Garhwal Himalaya U.K. in the International Geographical Union Commission on Biogeography & Biodiversity Seminar on “Biogeography & Biodiversity” Organized by Department of Geography, HNB Garhwal University Srinagar, Uttarakhand, (3-4 May 2007)
5. Parvatiya chhetra mai prakritik sansadhan prabhandhan evam gramopayogi taknekiyo dwara aajivika unnayan ki sambhavnaye: takoli gad besin ka adhyayan” Workshop on Promotion of Rural Technology for Agriculture Development in Dehradun Valley. Organised by Deptt. of Geography D.B.S. (P.G) College Dehradun Uttaranchal, (May 14-15, 2006).
6. Extension of Rural Technologies in Mountain Area: Present Status, Challenges and Consequences, National Seminar on “Uttarakhand ke satat vikas ki avdharana” held at senate hall, HNB GU Srinagar, Organised by OXFAM India Lucknow, HNB GU Srinagar, DKD Srinagar Garhwal during March 21-22, 2016.
7. Environmental Geomorphology of the Badiyar Gad Watershed, Garhwal Himalaya, Uttarakhand, India, National conference on Environment Resources and Development of the Indian Himalaya held at Srinagar, Uttarakhand during October 25-27, 2018, organized by Deptt of Geography HNB GU Srinagar, Uttarakhand.
8. Landslide disaster in Uttarakhand: A case of landslide susceptibility zonation of Alaknanda valley in Garhwal Himalaya, State level workshop on “Disaster Management” held at senate hall, HNB GU Srinagar, Organised by International youth centre, Delhi, HNB GU Srinagar, DKD Srinagar Garhwal during March 25-26, 2018.
9. Causes and consequences of forest fire disaster and coping strategies for its mitigation in Uttarakhand State level workshop on “Disaster Management” held at senate hall, HNB

- GU Srinagar, Organised by International youth centre, Delhi, HNB GU Srinagar, DKD Srinagar Garhwal during March 25-26, 2018.
10. Climate change and impact and adaptation mechanism of communities of Garhwal Area State level workshop on “climate change and global warming” held at senate hall, HNB GU Srinagar, Organised by International youth centre, Delhi, HNB GU Srinagar, DKD Srinagar Garhwal during December 27-28, 2016.
 11. Geohydrology of Springs: A case study of Takoli Gad watershed, Garhwal Himalaya, organized by Deptt of Geography HNB GU Srinagar, Uttarakhand, During October 28-30, 2015.
 12. Landslide susceptiblity zoning of the Alaknanda valley, Uttarakhand state, India, conducted by Department of Geology, HNB Garhwal (Central) University, Srinagar Garhwal, Uttarakhand, 28-30 October, 2014.
 13. Climate change studies for water resources in Takoli Gad Watershed, Garhwal Himalaya, Uttarakhand, organized by Department of Forestry & Natural Resources of HNB Garhwal (Central) University, Srinagar Garhwal, Uttarakhand, 19-20 February 2014.
 14. Application of GIS for Land Use Pattern: A Case Study of Muchlad Gad Watershed (Eastern Nayar), Garhwal Himalaya, Uttarakhand: National Seminar on Resources Environment and Development of the Indian Himalaya: Issues and Strategies for Sustainable Development held at Deptt of Geography HNB GU Srinagar, Uttarakhand During November 2-4, 2011.
 15. Assessment of Fresh Water Resources for Managing and Mitigation Local Disasters : A Case of Takoli Gad Watershed of Tehri Garhwal District of Uttarakhand: National Seminar on Disaster Preparedness and Management, Organized by Institute of Integrated Himalayan Studies and Department of Geography Himachal Pradesh University, Shimla during, September 14-15, 2009.
 16. Janpad chamoli mai birahi baad ka vishleshan: National Workshop Environmental Geo Hazards (Earthquake, Landslides, Floods etc.) Management and Mitigation Strategy for Uttarakhand Organized by Department of Geography at HNB Garhwqal University (a Central University) Campus, Srinagar Garhwal, Uttarakhaand, India during June 6-7, 2009.
 17. Relation between Geological Structures and Landslide occurrence in Alaknanda Valley, Garhwal Himalaya, Uttarakhand on Geology and Natural Resources of Himalaya, Deptt.

Of Geology, Pt. L.M.S. Govt P.G. College, Rishikesh Dehradun, Uttarakhand, SDS University, Campus Rishikesh, during 25-26 November 2019.

ADVANCED GIS TRAINING COURSES ATTENDED (05)

1. RS and GIS Applications in Geosciences (ISRO sponsored) Conducted by the Indian Institute of Remote Sensing (IIRS) Dehradun (from May 02 to June 24, 2011) **(54 Days)**
2. Geographic Information Science and Technology (Remote Sensing/GPs/GIS/Computer Mapping) (USAC, Dehradun sponsored) Conducted by Centre of Excellence for NRDMs in Uttarakhand Kumaun University SSJ Campus, Almora Uttarakhand (from January 03, 2011 to January, 10 2011) **(8 Days)**
3. Application of RS & GIS in the Natural Resources Management, Sustainability and Uses. Conducted by Department of Geology, HNB GU Srinagar Garhwal, Uttarakhand (11-13 September, 2008) **(3 Days)**
4. 4th course on Application of Geoinformatics for Disaster Management (ISRO sponsored), Conducted by the Geological Survey of India Training Institute at Hyderabad, Andhra Pradesh, India (from 28th April to 30 May, 2008). **(33 Days)**
5. Introduction to Arc GIS 9 training programme organized by ESRI India, NIIT GIS Ltd. New Delhi from 18.06.2007 to 22.06.2007. **(5 Days)**

OTHER TRAINING COURSES ATTENDED (20)

1. State level workshop on: “Reorienting education towards sustainability for higher education teachers” organized by School of Education, HNB GU Srinagar Garhwal during 5th to 10th December 2019 at Academic Activity Centre, Chauras Campus, HNB GU Srinagar Garhwal, Uttarakhand. **(6 Days)**
2. State level workshop on “WATER RESOURCE MANAGEMENT” Jointly organized by vishwa yuvak Kendra, DKD, UMANG & HNB GU Srinagar Garhwal during 28th to 29th Nov. 2018 at Senate Hall, Student Facility Centre, HNBGU, Srinagar Garhwal. **(2 Days)**
3. State level workshop on “SOCIAL MEDIA AND YOUTH” Jointly organized by vishwa yuvak Kendra, DKD, UMANG & HNB GUSrinagar Garhwal during 27th November 2018 at Senate Hall, Student Facility Centre, HNBGU, Srinagar Garhwal. **(1 Day)**
4. National workshop on “Role of open educational resources in higher education” organized by FDC HNB GU under the MHRD scheme of Pandit Madan Mohan Malviya Mission on teachers and teaching (PMMMNTT) from 15 to 17 December 2017. **(3 Days)**

5. Tier III Training Programme on “Aquifer mapping through participatory approaches and local ground water issues” organized by Central ground water board, Uttaranchal region, Dehradun, Under the aegis of National Ground Water & Research Institute, Raipur, held at HNB GU Srinagar, Uttarakhand on 09.12.2017 **(1 Day)**
6. Training Cum Exposure programme on “Watershed Management” organized by watershed organization trust (WOTR), Paryavaran, behind market yard, Ahmednagar, Maharashtra, India, held at Father Hermann Bacher Learning Centre, Darewadi, Maharashtra from Dec. 17-19, 2015. **(3 Days)**
7. Tier II, Training Course on “Sustainable Development & Management of Ground Water Resources” Organized by Under the aegis of Rajiv Gandhi National Ground Water & Research Institute, Raipur, held at Srinagar, Uttarakhand from Dec. 08-12,2014. **(5 Days)**
8. Advance Training Programme on SPSS (ATP on SPSS) held on 30-31 January 2014 at Department of Statistics, HNB Garhwal University, Srinagar Garhwal. **(2 Days)**
9. Workshop on Applied Statistical Methods (ASM) in Research, held at Department of Forestry and Natural Resources, HNB G University, Srinagar Garhwal, 15-16 March 2013. **(2 Days)**
10. International workshop and Campaign on Noise Pollution, at Rishikesh, Uttarakhand, India, Jointly organized by Resource Centre for Primary Health Card (RECPHEC), Kathmandu, Nepal, Municipality Board, Rishikesh, Daliyon Ka Dagriya Organization, Srinagar Garhwal , HNB Garhwal central University Srinagar Garhwal, Govt. Autonomous P.G. Collage, Rishikesh on 10-11 October 2012 at Rishikesh Municipality Campus, Rishikesh, Uttarakhand, India. **(2 Days)**
11. International workshop and Campaign on Noise Pollution at Rishikesh, Uttarakhand, India Jointly organized by Resource Centre for Primary Health Card (RECPHEC), Kathmandu, Nepal, Municipality Board, Rishikesh, Daliyon Ka Dagriya Organisation, Srinagar Garhwal , HNB Garhwal central University Srinagar Garhwal, Govt. Autonomous P.G. Collage, Rishikesh on 13-19 February, 2012 at Rishikesh Municipality Campus, Rishikesh, Uttarakhand, India. **(7 Days)**
12. Workshop on Statistical Techniques Using SPSS held on 5-6 November, 2012 at Department of Statistics, HNB Garhwal University, Srinagar Garhwal. **(2 Days)**

13. eNGO Workshop & Training Programme Conducted by Digital Empowerment Foundation and The Public Interest Registry USA, Venue: Fair Light Trail, Nainital, Uttarakhand. (from 1-21 April 2012) **(21 Days)**
14. Training course on ‘Participatory Groundwater Management in the Himalayan Region’ Conducted from November 28th to December 9th 2011 by People’s Science Institute, Dehradun. **(12 Days)**
15. Training programme on Earthquake Resistance Technology for Building, Organized by Department of Disaster Management, Uttarakhand, Venue: Department of Rural Technology, Chauras Parisar, HNB G U Srinagar (Garhwal), (14-18, December 2008). **(5 Days)**
16. Training programme on Natural Resource Management based livelihoods in Uttarakhand, organized by Daliyon Ka Dagriya Srinagar Garhwal & Society for Promotion of Wasteland Development (SPWD) New Delhi, Venue: Deptt. of Geography, Chauras parisar, HNB Garhwal University Srinagar (Garhwal), Supported by OXFAM, Hongkong. (from 31 August to 3 September 2007). **(4 Days)**
17. The Capacity Building of NGO’s on the use of Environmental Law and Policy for Environmental Protection & Sustainable Development held at Eco-Ashram Swastigram Medawala (Rishikesh) Uttaranchal from Mehta Environmental foundation New Delhi.(from 27.10.2004 to 30.10.2004) **(4 Days)**
18. Capacity building training course on “Volunteerism Development in the Youth” organized by Deptt. Of Adult Continue Education and Extension, HNB Garhwal University Srinagar from 07.11.2003 to 11.11.2003. **(5 Days)**
19. The Intensive training programme for block coordinator and research facilitators for baseline social assessment study of Uttaranchal during 21.09.2002 to 24.09.2002 held at National Institute of Administrative Research Lal Bahadur Shastri National Academy of Administration Mussoorie. **(4 Days)**
20. Water and sanitation training programme organized by Centre for Development Studies, Administrative Training Academy Nainital From 24.02.1997 to 03.03.1997. **(8 Days)**

RESEARCH STUDY PROGRAMME (02)

- Participated in the National Election Study 2004 conducted by LOKNITI, a research programme of the centre for the Study of Developing Societies, Delhi. Received special training in social scientific survey research and conducted the field work in the state of Uttaranchal (June 2004).
- Participated in the Baseline social assessment study of Uttaranchal 2002 conducted by Lal Bahadur Shastri National Academy of Administration Mussoorie. (21-24 Sep. 2002)

SEMINAR / SYMPOSIUM ATTENDED**INTERNATIONAL (03)**

1. International Seminar on Forest, Forest Products and Services: Research, Development and Challenges ahead, from November 1-3, 2006, Organized by Deptt. of Forestry, HNB Garhwal University Srinagar, Garhwal Uttaranchal.
2. International Geographical Union Commission on Biogeography & Biodiversity Seminar on "Biogeography & Biodiversity" Organized by Department of Geography, HNB Garhwal University Srinagar, Uttarakhand, (3-4 May 2007)
3. 6th World wilderness congress at Bangalore India during 24.10.1998 to 29.10.1998.

NATIONAL/STATE (25)

1. Participated in National conference on "Prospectus and challenges: Promoting sustainable farming system in mountain regions of Uttarakhand, organised by Deptt of Rural Technology, HNBGU, Srinagar Garhwal, from March 14-16, 2024.
2. Participated in Regional workshop on Application of RS & GIS in the Natural Resource Management, organized by Terre des homes, DKD, from 11-13 December 2023 at Pearl Avenue Dehradun.
3. Participated in National Conference on Recent advances in theoretical & Experimental Sciences, organized by Deptt of Physics, BD Govt P.G College, Jaiharikhal, Pauri Garhwal from 29-30 Sep 2023.
4. Participated in State level workshop on Water resource management organized by DKD Srinagar Garhwal & Deptt. Of Geography, HNBGU, Srinagar Garhwal from 18-19 September 2023 at senate hall, HNBGU.

5. Participated in the on line program on springshed based watershed development project strategy & sustainability organized by Bankers Institute of Rural Development (BIRD), Lucknow, from 13th to 15th January 2021.
6. Participated in National Conference on Geology and Natural Resources of Himalaya, Deptt. Of Geology, Pt. L.M.S. Govt P.G. College, Rishikesh Dehradun, Uttarakhand, SDS University, Campus Rishikesh, during 25-26 November 2019.
7. Participated in National workshop on Art & Drama in Education: An Effective Medium of Expression and creativity organized by Faculty of Education, Govt. P.G. College Gopeshwar, Uttarakhand, during 30-31 August 2019.
8. Participated in Ist Annual Conference of Society of Himalayan Action Research & Development on Recent Advances in chemical and Nano, Organised by Deptt. Of Chemistry, HNB GU Srinagar, BGR Campus, Pauri Garhwal on 29 & 30 October 2018
9. Participated in State level workshop on “climate change and global warming” held at senate hall, HNB GU Srinagar, Organised by International youth centre, Delhi, HNB GU Srinagar, DKD Srinagar Garhwal during December 27-28, 2016
10. Participated in the National Seminar on” “ Sindhu Nadi Ka Udagam aur Jalagam shetro ki bhasa aur sanskriti” held at Joshimath, Chamoli Garhwal, Uttarakhand, Organised by SBS college, Delhi University, Delhi during 04 November 2016
11. Participated in the National Seminar on “Uttarakhand ke satat vikash ki avdharana” at senate hall, HNB GU Srinagar, Organised by OXFAM India Lucknow, HNB GU Srinagar, DKD Srinagar Garhwal during March 21-22, 2016.
12. Participated in the National Seminar on Climate change, resources, bio-diversity & environmental challenges: Issues and strategies for sustainable development conducted by Deptt. Of Geography, HNB GU Srinagar Garhwal Uttarakhand, October 28-30, 2015.
13. Participated in the National Seminar on Geo-Environmental Hazards and Neo-Tectonic Activities in Himalayas” conducted by Department of Geology, HNB Garhwal University SRT campus Badshahi Thaul, Tehri Garhwal, Uttarakhand. 28-30 October 2014.
14. Participated in the “state Consultation on Climate Action Plan of Uttarakhand State” Jointly Organized by HNB Garhwal University and Pairvi, New Delhi on 06th & 07th November 2011 at HNB Garhwal University, Campus Srinagar (Garhwal), Uttarakhand.

15. National Workshop on Potential of Biodiversity Rich Community Conservation Areas in Uttarakhand” Organized by The Energy and Resources Institute (TERI), New Delhi and Department of Forestry, HNB Garhwal University, Srinagar (Garhwal), Uttarakhand on November 24-25, 2009.
16. National Seminar & Workshop on Application of RS and GIS in the Natural Resources Management, Sustainability and uses, Organized by Department of Geology, HNB Garhwal University, Srinagar, Uttarakhand (11-13 September, 2008).
17. Participated in UMANG-3, A National Level Workshop on “MICROFINENCE”. Organized by Department of Management Studies, Indian Institute of Technology, Roorkee (5 November 2007).
18. National Seminar on Management Strategies for the Indian Himalaya: Development and Conservation, Organized by Deptt. of Geography, HNB Garhwal University Srinagar, (October 29-31, 2007)
19. National Seminar on Rural Development : The Role of NGO’s and Farmers Organizations, Organized by Deptt. of Rural Technology and Social Development, Guru Ghasidas University Bilaspur, 23-24 Feb., 2007 Chhatishgarh
20. Consultation Meeting on “Estimation of Extent of Wastelands and their Potential for Enhancing Livelihoods of Marginalized Rural Population in Chandrabadani Micro-watershed, Tehri Garhwal”, Uttarakhand held at HNB Garhwal University Campus, Srinagar on 20th June 2006, Organised by SPWD New Delhi.
21. Seminar on “AIDS-Awareness and Protection” Organized by Deptt. of Adult Continuing Education and Extension, HNB Garhwal University Srinagar (December 1, 2005)
22. Regional Workshop on Advocacy Strategies in Hindu Kush Himalays. Organized by SUTRA, Jagjit Nagar, Himanchal Pradesh, Sponsored by ICIMOD, Nepal (June 06-08, 2005)
23. Workshop on Capacity Building, Organized by Himalayan Urja Vikas Sanshthan Lucknow, Sponsored by CAPART Lucknow, Venue- Tourist Guest House, Kirtinagar, Tehri Garhwal.(February 05-06, 2005)
24. Participated a short course for The Capacity Building of NGO’s “on the use of Environmental Law and Policy for Environmental Protection and Sustainable

Development” from 27-30 October, 2004 held at Eco-Ashram, Swastigram, Mdawala (Rishikesh), Uttaranchal, Organised by M.C. Mehta Environmental Foundation New Delhi

25. Seminar on “Consequence on Population Growth” Organized by Deptt. of Adult Continuing Education and Extension, HNB Garhwal University Srinagar (July 11, 2004).

CONSULTANCY / RESEARCH PROJECT REPORT

1. Principal Investigator: Prepared a Detailed Project Report (DPR) for Watershed Development programme in Gostu Gad Watershed, Khirshu Block, Pauri Garhwal Uttarakhand (Full Implementation Phase) Sponsored by NABARD Dehradun (2019) (Total financial outlay (sanctioned) – 1,20,41,812/- (One corer Twenty Lakh Forty One Thousand Eight Hundred Twelve Only)

MASTER TRAINER

1. Master Trainer in Mushroom Cultivation under Natural Resource Management and Empowerment & Enhancement of Livelihood of 30 Rim Area villages of Pratapnagar & Jakhnidhar Block through integrated Development project sponsored by SEWA THDC Rishikesh & Department of Geography HNB G U Srinagar Garhwal Uttarakhand (2018) (Total Financial outlay of training 60,620/- (Sixty Thousand Six Hundred Twenty only).

ADMINISTRATIVE EXPERIENCE

- **Member:** Discipline Committee, University Student Union Election, HNB Garhwal University, Srinagar (Garhwal)- 2011-2019
- **Evaluator:** in HNB Garhwal University (Central University) for the central evaluation of under graduate classes of Geology/Agriculture/Forestry/Horticulture from 23th to 30th July 2016.
- **Paper Setter:** from 2005 to till date
- **External Examiner of Practical:** 2017 to 2025
- **Exam Duty:** 2005 to 2025

MEMBERSHIP OF SOCIETY

- Life Member, SKYWIN SOCIETY (NGO), Srinagar Garhwal
- Life Member, Daliyon Ka Dagriya (The friends of trees) (NGO), Srinagar Garhwal
- Life Member, Soil Conservation Society of India.
- Life Member, Samarpit Yuva Samiti (NGO), Srinagar Garhwal
- Life Member, Manav Vikas Evam Vishwa Shanti Mission (NGO), Srinagar Garhwal

OTHERS EXTRA CURICULAR ACTIVITIES

- N.S.S Camp Certificate, Govt. P.G. College Gopeshwar 1992.
- Organized Eco- development camps with the community organizations.
- Micro-Planning and PRA, PRA Survey in the Mountain Villages.

Place:

Date:

(Dr. MANOJ KUMAR PARMAR)