

# **REPORT OF THE ONE DAY SCIENCE OUTREACH PROGRAMME**

**DR. D.D. PANT MEMORIAL SEMINAR**

**ON**

**“HIMALAYAN ENVIRONMENT AND GEOLOGY”**

**7 MAY 2019**



**Organized**

**by**

**Govt. P. G. College Berinag, Pithoragarh**



**Report  
on  
One day Dr. D.D. Pant memorial seminar on  
“Himalayan Environment and Geology”**

A one Day seminar was held on 7 May 2019 at the auditorium of Govt. P.G. College Berinag. The seminar was organized by the college, in collaboration with Himalayan Gram Vikas Samiti (HGVS), a non-governmental organization working for the welfare and development of the hill area communities. The seminar aimed to raise awareness and knowledge about the sensitivity and vulnerability of the Himalayan environment and geology, as well as the potential and challenges of the hill area development.

The main speaker of the seminar was Padmashri Prof. K.S. Valdiya, a distinguished geologist and environmentalist from Jawahar Lal Centre for advanced Scientific Research Bangalore, who delivered an enlightening lecture on the topics of plate tectonics, cloud burst, climate change, and their impacts on the Himalayan region. He explained the geological processes and phenomena that shape the Himalayan landscape and influence its ecology and climate. He also discussed the threats and risks posed by natural disasters such as earthquakes, landslides, floods, and glacial lake outburst floods, which are exacerbated by human activities such as deforestation, mining, road construction, and urbanization. He emphasized the need for scientific research and monitoring of the Himalayan ecosystem, as well as the importance of preserving the cultural and natural heritage of the region.

The chairman of the seminar was Prof. C. D. Suntha, Principal of Govt. P.G. College Berinag, who welcomed the guests and participants and highlighted the significance of the seminar in honouring the memory and contributions of Dr. D.D. Pant, a renowned [physicist](#) and environmentalist who devoted his life to the study and conservation of the Himalayas. He also thanked HGVS for their support and cooperation in organizing the seminar.

The other speakers of the seminar were Prof. V.K. Joshi, Ex. Chairman Tripal JEE and Ex professor of IIT, who talked about the need for developing scientific temperament and skills among the hill area youth to optimize their abilities and possibilities; Prof. P.S. Mahar, Head Department of Civil engineering, G.B. Pant University Pantnagar, who talked about the water conservation techniques for hill areas and their benefits for agriculture, hydro-power, and biodiversity; and Prof. B.D. Lakhchaura, who talked about the use of biotechnology in enhancing the socio-economic development of hill areas through improved crop production, animal husbandry, health care, and waste management.

The seminar was attended by many participants from various fields and backgrounds, including professors, researchers, students, teachers, farmers, social workers, journalists,

government officials, and residents. Some of them were Prof. Lallan Verma, Dr. Narendra Sijwali, Dr. Kamad Kumar, Rajendra Bisht President- HGVS, Dr. Ashish Anshu, Dr. Dheeraj Singh Khati, Mr. M.S. Kutiyal, Dr. Prakash Mathpal, Dr. Parvati, Dr. Deepa Pant, Dr. Kanchan Bhandari, Dr. I.D. Mishra etc. and Dr.J.N.Pant who conducted the seminar. A large number of students were present at the seminar.

The seminar was a successful event that provided a platform for sharing knowledge and experiences on the Himalayan environment and geology, as well as fostering collaboration and dialogue among the stakeholders involved in the hill area development. The seminar also generated recommendations and suggestions for future actions and initiatives to address the issues and challenges faced by the Himalayan region.

