



Name: Dr. Aparna Pandey

Designation: Professor

Educational Qualifications: M.A., Ph. D (Banaras Hindu University)

Area of Interest/ Specialisation: Geography Education
Urban & Regional Planning
Environmental Studies
Remote Sensing and GIS

Life Membership of Professional Bodies:

- National Association of Geographers India (NAGI), New Delhi, India
- National Geographical Society of India (NGJI), Banaras Hindu University, Varanasi
- Deccan Geographical Society, University of Pune, Pune

Works / Publications in NCERT:

- Development of Online e-learning Geospatial portal *School Bhuvan-NCERT*, for schools in collaboration with NRSC, ISRO, 2015
- Development of *Tactile Map Book* for students with visual impairments for upper primary stage -2015
- Developments of *Audio CDs* in English and Hindi versions of the Tactile map book in Daisy format.
- Development of *Geography Kit* (Prototype) for Schools.
- Associated with the development of *curriculum, syllabus, textbooks, and teaching-learning materials* in geography for all stages of school education

- Associated with the development of a trilingual **Dictionary of Geography for Schools (*English-Hindi-Urdu*)**, published by NCERT, 2017.
- Developed Audio- Visual Learning resource material for schools entitled ***The Andaman and Nicobar Islands: Once Dreaded Now Desired*** in association with CIET, NCERT.
- Reformulated Geography syllabus of Afghanistan developed for geography teachers in 2007.
- One of the authors of the textbooks of Geography for *Classes VI, VIII, X, XI and XII* as well as coordinated the development of Geography textbooks for *Classes VI, X XI, and XII, 2005-2007*.
- Developed *training packages* for Geography teachers and for *Kasturba Gandhi Balika Vidyalaya (KGBV) teachers*.
- Developed *Bridge Course* in geography for *Kasturba Gandhi Balika Vidyalaya (KGBV) students*.
- Coordinated the development of *customised teachers' training package* in social sciences for *teachers* of North –East India and contributed in the development of geography component of the same.
- Contributed one chapter on *Accident and Festivals related Disasters* for “*Disaster Management and Mitigation Source Book for Schools*” Developed by DESM, NCERT, New Delhi
- Conducted a number of activity based in-service *training programmes* for Post Graduate Geography teachers and for Trained Graduate Teachers in Social Sciences through face to face mode at all India basis and at state level.
- Interacted with teachers and students through several EDUSAT *teleconferencing programmes* at CIET, NCERT, New Delhi
- Conducted training programmes in ***Geographical Information System (GIS)*** for Post Graduate Teachers in Geography on regular basis for several years. Under the capacity building programme for States, Post Graduate Geography teachers of *Sikkim, Bihar, Jharkhand, Goa, Kerala, Uttarakhand, Himachal Pradesh, Assam , Haryana, Jammu & Kashmir and Arunachal Pradesh* have been trained as Master trainers in GIS.

Participation in Conferences/Seminars

- Presented paper on ***Geography education with Geospatial technology in Indian Schools: Current Context and Future Opportunities***, in an

- International Conference of IGU-CGE-2016 organised by SEAGA, NIE, Singapore, August 14-16, 2016.
- Delivered invited talk on ***Capacity Building of Secondary Level Education*** at IUIM, IIRS, Dehradun on February 08, 2016.
 - Presented paper on ***Issues of Urbanisation and Sustainable Development in School Geography Curriculum in India***, in 10th DGSI International Geography Conference, organised by Mohanlal Sukhadia University on Urban Sustainability and Futurology, Udaipur, Rajasthan from October 17-19, 2015 .
 - Invited speaker by Centre for Environmental Planning and Technology (CEPT) University, Ahmadabad, Gujarat to participate in the ***International Workshop on Innovative Learning Tools 2013*** with special emphasis on Strategies for Earth Resources Management on December 20-21, 2013. Co-Chaired one Session in the workshop and contributed on ***Innovative learning tools in teaching –learning of Geography in schools***.
 - Presented a paper on ***Who to Blame? The Glass is Half Full yet- Geography Curriculum in Perspective***, National Conference on Reorienting Geography Education & Training for Sustainable Development, Department of Geography , BHU, November 29-31, 2012
 - Invited speaker by *Institute of Indian Geographers* to participate in ***XXXII Indian Geographers' Meet*** in the three day Annual Conference and International Conference on ***Climate Change, Geo Hazards and Disaster Management***, held at Department of Geography, University of Rajasthan, Jaipur from January 17-19, 2011. Delivered lecture on ***Voice of Concerns for Geography Teaching in Indian Schools***.
 - Presented a paper on ***Concept of Environment and Sustainable Development in Indian School Curriculum*** in the ***International Conference on Strategic Management of Energy , Environment ad Disaster for Sustainable Development (ICONSMEED)*** held at Banaras Hindu University from 11-15 January 2010.
 - Gave presentation on the ***Textbook Preparation in Social Sciences from Classes I-XII*** for the participants of Advanced Training Programme. A delegation from International Institute of Educational Planning (IIEP), UNESCO, Paris visited NCERT in April 2009. These participants were Senior level education officials from 30 countries including faculty members of IIEP, Paris.
 - Presented a paper on ***GIS in Geography: Indian School Curriculum*** in the 30th Indian Geography Congress hosted by Department of Geography, University of Allahabad from December 19-21, 2008.

- Presented a paper on *Population Explosion and Urbanisation – A Case Study of Mughal Sarai* in the International Indian Geography Congress (IGU) at Osmania University , Hyderabad, Osmania University , Hyderabad, October 5-7, 2006

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