

CV

Name : Dr. Rajendra Kumar Dubey

Father's name : Shri Bal Govind Dubey

Sex: Male.

Marital status: Married.

Category: General :

Present Position: Professor, Indian Institute of Technology (ISM), Dhanbad-826004, India

Thrust areas : Engineering Geology, Geotechnical Engineering (Geomechanics), Quaternary Geotechnics

Post Qualification Experience:

Research experience: Research Experience: 25 years.

Teaching experience: ~ 20 Years

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Academics

- Ph.D. Engineering Geology (Geomechanics/rock mechanics), 1996, Institute of Technology Banaras Hindu University, Varanasi
- M.Sc (Geology) 1988, Banaras Hindu University, Varanasi
- B.Sc. (Geology Hons.) 1985, Banaras Hindu University, Varanasi

Positions

- Professor, Department of Applied Geology, IIT(ISM) Dhanbad: 2024-...
- Associate Professor, Department of Applied Geology, IIT(ISM) Dhanbad: 2010-2024.
- Assistant Professor, Department of Applied Geology, IIT(ISM) Dhanbad: 2007-2010

Awards and Honors

- Primary Scholarship at District Education Board at Class V-VIII level.
- Aggregate Scholarship, UP Board at Class IX-XII level.
- Research Fellowship, Wadia Institute of Himalayan Geology, Dehradun at Ph.D. level.
- Research Associateship, CSIR
- Senior Research Associateship
- Geohost Fellowship from Nordic Country, Oslo, Norway
- Keith-Runcan Travel Award, EDU, Vienna.

Supervision of Ph.D. Research

- Javid Ahmad Dar (2015) Geotechnical facets of seismically induced deformation structures in Quaternary Sediments of Tethys Himalaya, India.
- Ranjit Paswan (2016) Geotechnical characterization of strata for pre-split blasting to control pit-wall damage in an opencast mine.

- Ravi Shankar (2018) Palaeoweathering and thermotectonic facets of Mahakoshal Group in parts of the Son Valley, Central India.
- Vinay Kumar Dwivedi (2020) Geotechnical response modeling in seismic microzonation and hazard assessment of the area in and around Ahmedabad, Gujarat, Western India.
- Gyan Prakash Satyam (2022) Neotectonics and sedimentation dynamics of Outer Himalayan Quaternary sequences in and around Haridwar, Uttarakhand, India.
- Rahul Khanna (2022) Bearing of geotechnical attributes on deformability of Lesser Himalayan rock strata.
- Neeraj Pant (2023) Morphotectonics and water source attributes of Alaknanda River in and around Vishnuprayag, Garhwal Himalaya, India.
- Manas M (2024) Genetic facets of ophiolite-melange of Indus-Tsangpo Suture Zone, Western Ladakh Himalaya, India.

Research Projects

- Project Title :Facets of strain and vorticity attributes and their intra-plate seismotectonic implication : a study in area around Son valley, Central; University Grant Commission (UGC), Government of India.
- Project Title: Characterization of argillite rocks of Vindhyan and Cuddapah Supergroups in assessing their suitability as host rock for deep geological repository for high level radioactive waste disposal; DAE-BRNS, Department of Atomic Energy, Government of India.
- Project Title: Integrated Geological-morphological-geotechnical approach for prediction and mitigation measures of landslides along road-cut slopes of area around Gangtok-Mangan, Teesta Valley, Sikkim; Department of Science and Technology (DST), Government of India.
- Project Title: Unified Geological-Morphometrical-Geotechnical study for prediction and mitigation of landslides along road-cut hills of Rishikesh- Joshimath rout, Kumaon Himalaya, Ministry of Earth Sciences, Government of India
- Project Title: Constrains of inhomogeneity and anisotropy on strength mobilization in thermo-mechanical evolution of shear zone: an experimental and field based studies in Son Valley, central India; ANRF (SERB), DST, Government of India.

Consultancy Project

- Geotechnical and geological characterization of basaltic rocks for furnace, .M/S/ Electrosteel Private Limited, Kolkata as CI.
- Determination of slake durability indices for rocks, M/S National Thermal Power Vindhyachal Project, Sonbhadra, UP as Co-CI
- Determination of slake durability indices for rocks, M/S National Thermal Power Vindhyachal Project, Sonbhadra, UP as Co-CI

Membership of Scientific Societies

- Life Member of Indian Society for Rock Mechanics and Tunneling Technology (ISRMTT).
- Research Advisor, NAS, Singapore
- Life Member of Reader Forum Indian Mining and Engineering Journal.
- Life Member of Mining Society, ITTBHU, Varanasi.
- Member, SGTSGINDIA Group

- Member, Editorial Board, International Journal of Earth Sciences and Engineering.
- Member Editorial Board, Indian Journal of Engineering Geology, Faridabad, India
- Members of WASET Series Board

Place :IIT(ISM)
Date : 07/01/2025

R.K. Dubey