

Indian Institute of Technology Bombay

Powai, Mumbai 400 076, India

Advertisement for Faculty Position

The Department of Earth Sciences, IIT Bombay is looking for suitable candidates for faculty position in the following fields of specialization for the post of Assistant Professor.

Field of specialization:

- Coal geology
- Environmental geology
- Climate geology
- Groundwater exploration
- Modeling and simulation in geoscience
- Mathematical modeling

For details the candidates may visit the institute website: www.iitb.ac.in under Faculty Recruitment Section.

Research Positions Open for Work on Bio-Resource Ecology and Climate Change in the Sikkim Himalaya

Several long-term research positions are available as part of a Department of Biotechnology (DBT), Government of India, funded project on '**Technological Innovations and Ecological Research for the Sustainable Use of Bioresources in Sikkim**'. The project is jointly implemented by the National Centre for Biological Sciences (NCBS; Tata Institute for Fundamental Research, <http://www.ncbs.res.in>), Bangalore, and the Ashoka Trust for Research in Ecology and the Environment (ATREE, <http://www.atree.org>), Bangalore.

We seek qualified, highly motivated candidates for various research and technical positions at the Junior Research Fellow (JRF), Senior Research Fellow (SRF), Post-Doctoral Fellow levels, and in GIS/remote sensing. The research positions can potentially lead to a Ph.D. based at the two institutions. All salaries will be in accordance with DBT specified norms.

The areas of research encompass both basic and applied ecology and include the mapping and monitoring of faunal and floral biodiversity, field and laboratory measurements of biodiversity and ecosystem services (carbon, hydrology, pollination, bio-resources) and their response to climate change, and work on sustainable use of bio-resources by local communities. Investigators on the project include Dr Robert John (forest ecology), Dr Jagdish Krishnaswamy (hydrology and landscape ecology), Dr Soubadra Devy (pollination ecology) and Mr Suman Rai (bio-resource management) from ATREE, and Dr Mahesh Sankaran (community ecology), Dr Ajith Kumar (small-mammal ecology), Dr Suhel Quader (behavioural ecology) and Dr Uma Ramakrishnan (conservation genetics) from NCBS.

Candidates with backgrounds in life sciences, botany, zoology, geo-sciences, ecology, environmental science, social sciences and remote sensing/GIS and with demonstrated field experience and interest in working in Sikkim and the Northeastern India will be considered. Depending on the position, laboratory work in Bangalore will be combined with field measurements and observations in Sikkim. The GIS/RS position will be based in Bangalore. Short-listed candidates will be interviewed by project Scientists in Bangalore or Sikkim.

Interested candidates should send their CV and statement of interest by e-mail to: sikkimdbt@ncbs.res.in. Applications will be reviewed until suitable candidates are found.