

Post-Doctoral Position

IIT Gandhinagar (IITGN) invites applications for the position of post-doctoral researcher in an interdisciplinary project on **Geothermal reservoirs and their potential in India (NW and NE Himalayas)**.

Job Title: Post-Doctoral Fellow

Essential Qualification: PhD in Geology/Earth Science or related fields

Job Description: The post-doctoral fellow is expected to identify, design and conduct field work in NW Himalayas (Ladakh) and NE India for initial screening and identification of geothermal reservoirs and their potential. A few areas of interest will be identified by the candidate where detailed studies will be carried out including thermal mapping, possible hyperspectral imaging, as well as collection of traditional geological datasets. The outcrops will be used as analogues for their subsurface counterparts, thus, regional geological-reconstructions (and/or their review), and stratigraphic forward modeling in case of carbonate depositional systems is expected to be carried out. As a postdoctoral researcher, the candidate is also expected to collaborate with other team members on long and short-term projects for a variety of organizations within India and worldwide as well as mentor PhD students if required. These projects include both basic and applied research related to Geothermal reservoirs.

Preferred Skills: The prospective candidate is expected to have a strong background in geology with an extensive experience in carrying out field research expeditions. Candidates with experience in fieldwork-related studies in Himalayas (Ladakh/ NE India) or with experience in stratigraphic forward modeling will be preferred. The candidates must possess strong writing and computational skills.

Duration: 1 Year (with the possibility of extension)

Remuneration: Rs 50,000 + 10,000 (HRA: If on-campus accommodation not available)

Application Procedure: Candidates must send their applications to Prof. Pankaj Khanna (pankaj.khanna@iitgn.ac.in). This is a rolling advertisement until position is filled. However, applications received on or before **20th January (11:59 PM) will be expedited**. Candidates who are nearing completion of their PhDs can also apply. However, if selected, they should have submitted their thesis and should be available to join by Feb 15, 2022.

Please submit the following documents as a single PDF:

1. Cover Letter
2. CV
3. Research Statement

Please contact Prof. Pankaj Khanna (pankaj.khanna@iitgn.ac.in) for any queries.