



National Institute of Advanced Studies, Bengaluru

Call for Applications: Postdoctoral/Project Associates in the Energy, Environment, and Climate Change Program

National Institute of Advanced Studies (NIAS) was conceived and founded in 1988 by the late Mr. J. R. D. Tata, who sought to create an institution to conduct advanced multidisciplinary research. Housed in a picturesque green campus in Bangalore the Institute serves as a forum to bring together individuals from diverse intellectual backgrounds, in the natural and life sciences, humanities, social sciences, and conflict and security studies. The philosophy underlying NIAS is given shape by its multidisciplinary research teams. The Institute is unique in its integrated approach to the study of intersections between science and technology, philosophy, social issues and leadership. The objective is to nurture a broad base of scholars, managers and leaders who would respond to the complex challenges that face contemporary India and global society, with insight, sensitivity, confidence and dedication. For more details: www.nias.res.in.

The NIAS has been recognized as an “Institute of Exceptional Repute” by the NITI Aayog in January 2019. The Institute is also recognized by several Universities. The Energy, Environment, and Climate Change Program (EECP) at NIAS is currently implementing a research project awarded by the Indian Rare Earth Limited (IREL), a Govt. of India Undertaking, Department of Atomic Energy (DAE); to develop a comprehensive Rare Earth Policy Framework for the Government of India to act on.

The project is now looking for filling in a position (**Post-Doctoral Associate** or **Project Associate**) for 6 months to work in the above research project. The grade of appointment will be based on the qualification of the suitable candidate.

Post-Doctoral Associate (PDA):

Qualification and Eligibility:

PhD degree in geoinformatics, data science or engineering with strong mathematical foundation, from a reputed Institution/University with a minimum of 60% marks or CGPA of 7.0 (10-point scale) or CGPA of 3.5 (5-point scale). ***Candidates with sound knowledge of Machine Learning Models, Artificial Intelligence (AI) modules for diverse applications and Python coding skills will be given preference.*** Good writing skills would prove to be an added advantage for the candidates during the selection. The candidates must have **at least 2 journal papers** in the Scopus Indexed reputed journals.

Emolument: Rs. 47000 per month + 24% HRA (as per the current norms)

Project Associate (PA)-I:

Qualification and Eligibility:

Master’s degree in geoinformatics, data science or computer science with strong mathematical foundation, from a reputed Institution/University with a minimum of 60% marks or CGPA of 7.0 (10-point scale) or CGPA of 3.5 (5-point scale). **Knowledge of Machine Learning Models and**

Python coding skills is needed. Proficiency in using MS Excel is desirable. Good writing skills would prove to be an added advantage for the candidates. The candidates preferably should have **at least 1 journal paper** in a Scopus Indexed reputed journal (the publication is not mandatory).

Candidate with more than 2 years of research experience will be offered a higher grade of pay (Project Associate-II).

Emoluments:

Project Associate -II Scale: Rs. 28,000 per month + 24% HRA (as per the current norms)

Project Associate-I Scale: Rs. 25,000 per month + 24% HRA (as per the current norms)

The selected candidate will have to work from NIAS, Bengaluru.

HOW TO APPLY

Interested applicants should submit their updated curriculum vitae, two journal publications (applicable for PDA position) and a brief statement of interest explaining why they are interested in joining the Project. The PDA applicants must include a list of 3 references in the application material.

NIAS will accept only applications submitted by email. Please collate all documents in a single electronic folder and email it to the PI of the project Dr. Rudrodip Majumdar at: rudrodip@nias.res.in. **The advertisement will remain open until the position is filled.**

Please state: **Postdoctoral Associate/Project Associate for NIAS-IREL Project** (as applicable) in the subject line of the email. For additional information, applicants may contact: rudrodip@nias.res.in.