



National Institute of Advanced Studies, Bengaluru

Call for Applications: Project Associate & Research Assistants in the Energy & Environment 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.

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 and Environment Program (EEP) at NIAS is currently implementing research Projects supported by the Ministry of Earth Sciences (MoES) and the Nuclear Power Corporation of India (DAE). EEP is now recruiting capable and enthusiastic researchers in the following areas:

1. Two Research Assistants to accomplish the following key objectives of the MoES research grant to study:
 - the relationships between atmospheric pollutants, meteorology parameters, and remote sensing data and carry out source apportionment of pollutants for select regions.
 - the Water-Energy-Agriculture nexus in the Kalyana-Karnataka region and assess potential improvements in technologies and practices to optimize usage of water in thermal power plants and agriculture to enhance sustainable water usage;
2. Project Associate for the NPCIL funded Project which is to examine the role and viability of nuclear power in India as part of an overall electricity mix for the country.

ELIGIBILITY

1. Project Associate for the NPCIL funded Project:

Bachelor's degree in engineering or a Master's degree in Business Management/Economics 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) at the undergraduate and post-graduate levels. Preference will be given to those candidates who have successfully completed one of the National Qualifying Examinations (CAT/GATE or CSIR-UGC (NET) or UGC-NET) and have some work experience.

The monthly emoluments are fixed at Rs. 31,000 + HRA, which is currently 24% of the basic fellowship. This appointment will be made for a fixed tenure up to March 31, 2022, though other opportunities may crop up in NIAS in due course.

2. Research Assistants for the MoES funded Project:

Bachelor's degree in Electrical/Mechanical/Power Systems/Civil engineering or a Master's degree in Atmospheric Sciences/Environmental Science/Meteorology/Physics 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) at the undergraduate and graduate levels.

The selected candidate will be entitled to a consolidated fellowship of Rs. 20,000 per month plus HRA (@24% as per extant DST/MoES guidelines). The appointment will be for an initial tenure of one (1) year extendable till May 2023 subject to annual performance assessment.

HOW TO APPLY

Interested applicants should submit their curriculum vitae and a one-page statement of interest explaining why they are interested in joining the Project.

NIAS will accept only applications submitted by email. Please collate all documents in a single electronic folder and email it to: eepmoes@nias.res.in. The deadline for receipt of emailed applications is **June 30, 2021**. Please state: **Research Assistant OR Project Associate** subject line of the email.

While short-listed candidates interviewed over the Microsoft Teams platform, they will have to report for work at NIAS, Bengaluru.

For additional information, applicants may contact: eepmoes@nias.res.in.