



National Institute of Advanced Studies, Bengaluru

Call for Applications

Research Assistants in the Energy, Environment, and Climate Change (EEC) 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, Environment, and Climate Change (“EEC”) Program at NIAS is currently implementing a Research Project supported by the Ministry of Earth Sciences (MoES) and is now recruiting capable and enthusiastic researchers to:

- Develop urban air pollution models based on meteorological parameters & geospatial data to explore the relationships between air pollution and public health.
- Carry out source-apportionment studies of air pollutants in select regions.
- Analyze the forecasts and actual values of meteorological parameters (e.g., solar radiation and wind speeds) and correlate them with renewable energy generation at select sites.

ELIGIBILITY

Bachelor’s degree in Environmental Engineering or an M.Sc. degree in Atmospheric Sciences/ Meteorology/ Physics/Remote Sensing, 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. Preference will be given to candidates who have a strong mathematical background and have some exposure to air pollution models.

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 the folder

to: eepmoes@nias.res.in. Please state "**Research Assistant for EEC**" in the subject line of the email.

This is a rolling advertisement and candidates can apply any time up to May 2022. Short-listed candidates will be interviewed at fortnightly intervals till vacancies exist. The first list of shortlisted candidates will be called for interviews (through Videoconference) on or before 7th January 2021.

The selected candidates must report for work at NIAS, Bengaluru within two weeks of receiving the formal appointment through email. For additional information, applicants may contact eepmoes@nias.res.in.