



National Institute of Advanced Studies, Bengaluru

Call for Applications: Project Staff (Research/Project Assistants) in the Energy and 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. Please go through our website (www.nias.res.in) for more details.

NIAS is recognized as a center for research by the Government of India (GOI) and several universities. The Energy and Environment Program (EEP) at NIAS is currently implementing the following major Government-funded research projects:

- “**Sustainable Pathways to Energy Utilization**,” for the Science and Engineering Research Board (SERB) in the Department of Science & Technology (DST); ·“**An Integrated Approach to Energy & Environment**,” sponsored by DST, and ·“**To understand the Interaction between components of Earth and Human Systems at various Spatial and Temporal Scales**,” sponsored by the Ministry of Earth Sciences.

In order to reinforce the team of researchers working on the above Projects, EEP is seeking applications for qualified, young, and enthusiastic **Research Assistants/Project Assistants** to carry out *sustained field work* to collect primary data from the rural areas located in the States of *Karnataka/Maharashtra/Telangana/Tamil Nadu* followed by statistical and other analysis related to the following research areas:

- *Creation of a “self-sustaining” system after final closure of surface coal mines in India by benchmarking of the current Laws, technologies, and practices in India with relevant global Best Practices and proposing improvements to bridge these gaps.*
- *Assessment of the socio-economic impacts of MOES’s programs (e.g., agrometeorology services for farmers, location-based weather forecasting services for renewable energy generators, weather forecasting services for fishermen) and suggest ways and means to enhance these impacts;*
- *Consumer-level energy usage and water-energy-agriculture nexus in the Hyderabad-Karnataka region of Karnataka State;*
- *Socio-economic health surveys and traffic studies in Bengaluru and other areas.*

Depending on their aptitude and performance, the selected **Research Assistants/Project Assistants** may also register for PhD degrees through Transdisciplinary University (www.tdu.edu.in) based on their field work and analytical studies.

ELIGIBILITY

Project Assistants/Research Assistants

Bachelor's degree in Electrical/Mining Engineering or a Masters' degree in Development Studies/ Economics/ Geology/ Sociology 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 level. Preference will be given to candidates with the demonstrated survey and language skills (in Kannada/Marathi/Telugu) required to complete the project field work in select areas of Karnataka/Maharashtra/Telangana as per the project requirements.

Selected candidates will be entitled to a consolidated stipend of Rs.20,000 -22,000 per month depending on qualifications, experience, and performance.

HOW TO APPLY

Interested applicants should submit their CV, degree certificates along with a one-page cover letter explaining their capability to carry out research in their area of interest. Please collate all documents in a single electronic folder and email it to: eepest@nias.res.in.

NIAS will accept only applications submitted by email. While candidates will be considered for both positions based on their eligibility and vacancies, all applicants should clearly state:

Project Assistant/ Research Assistant for EEP Projects in the subject line of their email.

This is a rolling advertisement and applications received will be assessed periodically to invite short-listed candidates for a personal interview.

Short-listed candidates will be invited to NIAS for an interview. Outstation candidates will be provided to-and-fro second-class train fare by the shortest route.