



**National Institute of Advanced Studies
Indian Institute of Science Campus, Bengaluru-560012**

Advertisement for Post-doctoral Associate

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 (<https://www.nias.res.in>) located in Indian Institute of Science (IISc) campus in Bengaluru. NIAS is currently implementing two innovative environmental research projects – (i) “Study the interactions between Energy Security, Environment, and Climate Change,” (ii) “Identify emission hot spots and developing high-resolution emission inventory of major air pollutants using drone technology in Bengaluru,”. We seek qualified and enthusiastic candidates for **Two Research** positions on contract basis (more than 2 vacancies may be filled, if required or fallen vacant) with the following expertise:

ESSENTIAL QUALIFICATION:

Ph.D. degree either awarded or Thesis Submitted in the field of Atmospheric Science/ Meteorology/ Environmental Science /Physics/Chemistry /Earth Sciences/ or equivalent) from a reputed University /Institute with demonstrated expertise in at least one of the following areas relevant for interdisciplinary research and policy formulation in air quality domain with at least 2 (1) publications respectively in peer-reviewed SCI journal:

- Emission inventory development or Source apportionment of air pollutants or related work.
OR
- Atmospheric (regional/global) Chemical-transport modelling with proven hands-on experience in running air pollution /climate/weather models like WRF-Chem.

TENURE:

The initial appointment will be for one year which is extendable up to 3 years depending on the performance and availability of project funds.

FELLOWSHIP:

1. Ph.D. degree Awarded. Fellowship = Rs. 59,690/= (Consolidated)
2. Ph.D. thesis Submitted but yet to be awarded. Fellowship = Rs. 50,000/= (Consolidated)

(A letter from competent authority about ‘submitted/or awarded’ need to be invariably attached).

HOW TO APPLY:

Interested applicants should submit their **detailed CV with the names and contact details (including, email) of two referees** along with scanned copies of their **M.Sc. certificate with marksheet, Ph.D. degree /provisional certificate or proof of Ph.D. thesis submission as stated above, one/two relevant publications in the relevant field.** Applicant should clearly state RA for EECF Projects in the subject line of their email. Please collate all documents as a single PDF document and email it to: narfi@nias.res.in. **The last date for receipt of applications through email is 25th August’ 2023.** Short-listed candidates will be interviewed online and expected to make a presentation for 10-15 minutes. The date of the interview will be communicated to the short-listed candidates via email.

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