



Indian Institute of Science Education and Research Bhopal
Office of the Dean, Faculty Affairs

Advt. No.: IISERB/DoFA/2025/06

Date: January 27, 2025

Advertisement for the post of Institute Post-Doctoral Fellow
for the Department of Earth and Environmental Sciences

Online applications are invited from Indian Nationals in the prescribed format (Annexure I) as per the details mentioned hereunder:

- **Name of the Post:** Institute Post-Doctoral Fellow (IPDF)
- **Research Area:**
 - Aerosols – chemical characterization and source-receptor modelling
 - Development and application of instrumental methods for quantifying aerosol chemical species, including isotopes
 - Aerosol thermodynamic properties – measurements and modelling
 - Aerosol mixing state and radiative forcing
 - Remotely sensed aerosols – retrieval and data analyses
 - Receptor modelling, Chemical Transport modelling and hybrid approaches
 - Aerosol health effects assessments, including lung deposition experiments and modelling.
- **No. of Vacancy : One**
- **Why Join Us?**

Become part of a dynamic research environment that fosters interdisciplinary collaboration with experts in atmospheric chemistry, environmental health, and climate modelling across national and international institutions. Engage in impactful projects on air quality and climate change, such as the National Carbonaceous Aerosols Programme and the Clean Air Catalyst Programme. Enhance your expertise through advanced training in and field sampling, laboratory analyses and source-receptor modelling. Benefit from strong mentoring for high-impact publications, grant writing, and international conference opportunities. Work on problems that enhance your fundamental knowledge in the domain while contributing to ameliorating real-world challenges like air pollution, climate change, and public health. Enjoy international collaborations, short-term visits, and a supportive post-doc community focused on professional growth and networking.
- **Eligibility:** The applicant should have a Ph.D. Degree from a recognized University/Institute in Atmospheric Sciences / Physics / Environmental Sciences / Chemical Engineering / Environmental Engineering / Any other related field. However, the candidate should have worked on a thesis related to atmospheric science / aerosol science/ environmental science and engineering.

Ph.D. scholars who have submitted their thesis are also eligible to apply. However, the scholar must submit the provisional/degree certificate within six months from the date of

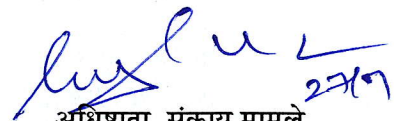
appointment. If not submitted within the time limit, the appointment will stand cancelled, or a decision will be taken in consultation with the thesis processing authority.

Candidates who have completed their Ph.D. from IISER Bhopal are not allowed to apply for these IPDF positions.

- **Age limit:** Preference will be given to candidates below 35 years of age as on the last date of submission of application.
- **Tenure:** Initially for one year with the possibility of extension of another year based on the yearly performance of the IPDF.
- **Fellowship:** Rs. 67,000/- per month + House Rent Allowance (as per Institute rules). However, the candidates who have submitted thesis and the award of PhD Degree / provisional degree is awaited, they will be paid reduced fellowship of Rs. 35,000/- per month plus HRA. On submission of PhD degree, full fellowship of Rs. 67,000/- plus HRA shall be restored effective from the date of award of PhD degree / provisional degree.
- **Leave & OPD facility:** The IPDFs will be entitled for leaves and OPD medical facility as applicable to the PG students of the Institute, as laid down in the PG Manual.
- **Medical facility:** It will be mandatory for the IPDFs to have a medical insurance policy (minimum of Rs. 1 lakh) in their name which should be valid throughout the period of his/her Fellowship. No medical reimbursement will be admissible.
- **Duties:** Besides research work, the selected IPDF is expected to assist in teaching course(s), in accordance with the requirement of the Department.
- **Accommodation:** No accommodation will be provided to the IPDFs.
- **General conditions:**
 - No interim enquiries/correspondence/communication of any sort will be entertained.
 - Mere fulfilling of eligibility criteria will not entitle any candidate to be called for interview.
 - Only shortlisted candidates will be called for the interview.
 - Applicants must attach a scanned copy of Ph.D. Degree certificate OR Ph.D. Thesis submission receipt, if the Ph.D. Degree is yet to be awarded.
- **How to apply:**

There is **no last date of submission of application**. However, the applications received in response to this advertisement will be first reviewed on February 15, 2025 and thereafter periodically, until the position is filled.

The applicant should send the completed application in PDF format along with the latest CV, list of publications and a detailed research plan for one year (minimum of two pages), duly mentioning the subject line as “**Application for the Post of Institute Post-Doctoral Fellow (EES)**” by email to office_dofa@iiserb.ac.in.


अधिष्ठाता, संकाय मामले