

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

Advt. No.: IISERB/DoFA/2025/01

Date: January 6, 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:

- Climate Variability and Change
- Climate Modelling
- Climate Extremes and Projection
- Applications of AI/ML in Climate Studies

No. of Posts: One

Eligibility criteria:

Essential: Ph.D. in Atmospheric Science, Climate Science, Geophysics, Environmental Science, Physics, Mathematics, Data Science, Computer Science, or related disciplines such as Chemical, Environmental, or Civil Engineering, with a focus on Environmental Science, from a recognized university or institution.

Desirable:

1. Experience with high-performance computing (HPC) platforms, proficiency in programming languages such as Fortran/C/C++, and scripting languages like Python, Matlab, or R.
2. Familiarity with numerical models, especially regional or earth system model (preferred). Ability to work independently with large code libraries and databases.
3. Expertise in Machine Learning and Deep Learning framework
4. Strong written and oral communication skills in English, demonstrated through a proven record of publishing research in peer-reviewed scientific journals in Climate Science.
5. Capacity to work independently on complex problems, leveraging advanced computational tools and frameworks for climate science applications.

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: The applicant should send the completed application in PDF format alongwith 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 on or before January 20, 2025.


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