



Indian Institute of Science Education and Research Bhopal
Department of Earth and Environmental Sciences
Bhopal By-pass Road, Bhauri, Bhopal 462066

Advertisement for the post of Junior Research Fellow (JRF)

Advertisement date: 15 July, 2024

Applications are invited for the post of a Junior Research Fellow (JRF) in a research project funded by MHRD, Government of India.

Project title: Analysis and Modeling of precipitation systems and synoptic conditions in the Indian monsoon core zone

Essential Qualifications: Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following:

- a. Scholars who are selected through National Eligibility Tests - UGC NET including lectureship (Assistant Professorship) and GATE.
- b. The selection process through National level examinations conducted by MHRD and its Agencies and Institutions such as UGC/IIT/IISc. /IISER /IIIT etc.

A minimum of 60% aggregate or CGPA/CPI of 7.0 and above on a 10 point scale.

Desirable:

- Understanding of the basics of meteorology, Indian Monsoon.
- Experience in working with NCL/Python programming, large datasets.
- Good coding and analytical skills.
- Working experience with climate/regional atmospheric models
- Students with a background in Atmospheric and Oceanic Sciences, Computer Science, Civil Engineering, Earth and Environmental Sciences are encouraged to apply.

Job description: The JRF will be involved full-time in downloading and managing datasets, analysis of precipitation variability, testing and setting up WRF, manuscript preparation.

Duration: 1 year. This is a temporary position.

Salary: Rs.31,000 + HRA (candidates with a or b in essential qualifications)

Rs. 25,000 + HRA (candidates without a or b in essential qualifications)

Note- salaries are subject to Institute norms and qualifications.

Age: Should not exceed 35 years as on 15/7/2024.



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Application Procedure: Completed applications should be sent by email to Dr. Shubhi Agrawal (sagrawal@iiserb.ac.in), with subject line "Application for the post of JRF". The application should contain a cover letter with research interest and qualifications, a detailed CV (including full contact details, a photograph, educational/professional qualifications), scanned copies of educational/professional qualifications, 10th certificate, name of two referees, and reprints of papers if any.

Application start date: 15 July 2024. Applications received till 10th August 2024 will receive full consideration. Position will be open until filled.

Interview: Only shortlisted candidates will be informed via email and online interviews will be conducted. Expected start date will be in September 2024.

Principal Investigator-

Dr. Shubhi Agrawal

Assistant Professor

Department of Earth and Environmental Sciences

Indian Institute of Science Education and Research Bhopal, Madhya Pradesh 462066

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