



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

Date: 20/1/2023

Advertisement for the post of Junior Research Fellow (JRF)

Applications are invited from Indian nationals for the post of Junior Research Fellow (JRF) in a MoE-funded project.

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.

Job description:

The JRF will be involved as a full-time expert in analysing meteorological data, writing computer programs, developing statistical models, and implementing the project objectives: (i) Spatio-temporal analysis of output from a Weather Research and Forecasting (WRF) Model, (ii) developing a multiple-point geostatistical model, and (iii) applying machine learning and artificial intelligence techniques.

Number of positions: 2

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. HRA as applicable.

Duration: 1 year.

Desirable Qualifications:

- Working knowledge in statistics/hydrology/climate data analysis
- Expertise in R, Python, and Matlab
- Experience in WRF modeling

Age: Should not exceed 35 years as on 1/12/2022.

How to Apply:

Interested researchers should fill out an online application form (<https://forms.gle/DtgUf2e5Pz3Ey13X8>). Also, please send the following document to Dr. Sanjeev Kumar Jha (sanjeevj@iiserb.ac.in), with the subject line “Application for the post of MoE-JRF”: 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.

The applications received till 5th February 2023 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. The expected start date will be February 2023.

Dr. Sanjeev Kumar Jha
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