



**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)**

Date: 4/1/2021

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

**Essential Qualifications:**

- Master's (M.Sc.) / M.Tech. degree in Mathematics/Meteorology/Climate Science/Hydrology from a recognized University/Institute with a minimum of 60% aggregate or CGPA/CPI of 7.0 and above on a 10 point scale (overall percentage/CGPA/CPI; not only in majoring subject). The candidate must have physics or Mathematics as a minor in B.Sc.
- In addition to minimum qualification, for all candidates, a National level examination like National Eligibility Test (NET)/CSIR-JRF/UGC-JRF/INSPIRE-Ph.D/GATE/Rajiv Gandhi Fellowship or any other Fellowship is mandatory.

**Desirable:**

- Working knowledge in Statistics/Hydrology/Climate data analysis
- Experience in working with Matlab/R programming
- Experience in setting up a Weather Research and Forecasting (WRF) model

**Job description:**

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

**Number of positions: 1**

**Duration:** 1 year with a possibility of extension for another year based on performance

**Salary:** Rs.31,000 + HRA (as applicable)

**Accommodation:** Accommodation as per Institute rules.

**Application Procedure:** The application containing cover letter, detailed CV with recent photograph and name of two referees in a single pdf file should be sent to [sanjeevj@iiserb.ac.in](mailto:sanjeevj@iiserb.ac.in). The position will remain open until a suitable candidate is found.

**Interview:** Only shortlisted candidate will be called for an interview; no TA/DA will be paid for attending the same. Reservation will be according to Government of India rules.

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