



Indian Institute of Science Education and Research Bhopal

Bhopal Bypass Road, Bhopal 462066, Madhya Pradesh

Department of Chemical Engineering

Date: 14/09/2023

Advertisement for the post of a Junior Research Fellow (JRF)

Project No. :

Applications are invited from Indian nationals to work as Project-JRF in a research project funded by the SERB, DST, New Delhi, Government of India.

Title: Metal-Organic-Framework-based Electrochemical Sensors Incorporated on a Paper Scaffold for the Detection of Heavy Metal Ions in Water

No. of Position: 1(One)

Name of Position: Junior Research Fellow (JRF)

Duration: Initially for 6 months, extendable up to 1 or 1.5 years based on satisfactory performance.

Salary: 31,000 pm + 16% HRA

Essential Qualifications:

- B.Tech. and M.Tech. in Polymer Science and Engineering / Chemical Engineering / Materials Science and Engineering / Chemical Technology or B.Sc. (Hons) and M.Sc. degree in Chemistry from a recognized University/Institute and having minimum 60% Marks or CGPA of 7.5 and above at a sale of 10.
- Having qualified for a national level examination like GATE/CSIR-JRF/NET(JRF)/UGC-JRF/Rajiv Gandhi Fellowship or any other equivalent fellowship in Engineering Sciences/Chemical Engineering/Chemistry/Chemical Sciences/allied areas is preferred.

Desirable:

- Candidates should have some experience in various characterization techniques like SEM, Mechanical testing, XRD, TGA, DSC, FTIR, UV-Vis, BET, and Electrochemical studies.

- Candidates should have mathematics as a subsidiary subject at 12th and bachelor's level.
- The position requires good analytical skills, experiment design, handling of sophisticated equipment, and good English writing skills.

Age limit: Candidates should be below 28 years old.

Application Procedure:

Applications should contain - a) detailed CV with photograph, b) name of two referees, c) statement of purpose, d) Copy of all credentials including NET/GATE etc. Completed applications should reach to undersigned only by **email** on and before **3rd Oct , 2023**. Incomplete application will be summarily rejected.

Only shortlisted applicants will be intimated and called for an interview. No interim correspondence will be entertained. The candidate selected will be required to join on or before **15th Oct 2023**.

Mail applications to:

Dr. Paramita Das

Assistant Professor

Department of Chemical Engineering

Office 406, Academic Building -1

Indian Institute of Science Education and Research (IISER) Bhopal

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Email: paramita@iiserb.ac.in

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