



Advertisement for Project Associate (JRF) in SERB sponsored Project

Applications are invited for one Junior Research Fellow (JRF) for the Science and Engineering Research Board (SERB), Govt. of India. funded research project (Ref. IITM/SERB/SSR/215). the details are as following:

Title of the Research Project: “Efficient Removal of Most Penetrating Particles (diameter~ 300 nm) from Air/Water Using Supersonically-blown Ultrafine PVDF Nanofibers”.

Principal Investigator:

Dr. Sumit Sinha Ray
Assistant Professor
School of Engineering
IIT Mandi, Kamand
Mandi-175005 (H.P.), India

Position: 01 (JRF)

Salary Consolidated: 25,000/- INR p.m.

Essential Qualification: M.E./M.Tech in Mechanical (Thermo-Fluid) or M.E./M.Tech in Materials (Nanomaterials/Polymer) or B.E/B.Tech in Mechanical Engineering with 65% Aggregate or 7 CGPA with valid GATE score.

Desirable Qualification:

- Knowledge of ANSYS-Fluent.
- Knowledge of MATLAB programming
- Hands-on experience with instrumentation and characterization techniques like SEM, XRD, UV-vis, TEM etc.

Age Limit: The upper age limit is 28 years.

Main Responsibilities:

- Development of experimental facility and computational model for air and water filtration unit.
- Assistance in purchasing laboratory equipment and their maintenance.
- Detailed regular documentation of the project.

The nature of the post is purely temporary (on contract basis). The initial appointment will be for a period of 6 months, and can be extend further subject to the performance of the candidate.

***JRF may get PhD admission in fulfilling admission criteria of IIT Mandi**

How to apply: Interested and eligible candidates may apply with an updated bio-data (in DOC or PDF file) mentioning personal details and academic qualifications with the file name “SERB IITM_first name_last name” and email to the ID sumitsinha@iitmandi.ac.in (subject line should be ‘Application for the Post of JRF in SERB funded project’). The candidate should clearly mention details about GATE qualification (Year, rank etc.), in the bio-data.

Application deadline: April. 25th, 2019 (Tuesday).

Intimation about the date of interview will be communicated by e-mail. No TA/DA will be paid for attending the interview. For further information, contact to PI: sumitsinha@iitmandi.ac.in,