



# Atal Bihari Vajpayee-Indian Institute of Information Technology and Management, Gwalior

(Institute of National Importance, Government of India)

## **Advertisement for the Post of Junior Research Fellow (JRF) under ‘National Mission Himalayan Studies (NMHS)’ Sponsored Project**

Applications are invited from motivated and bright candidates for the position of a **Junior Research Fellow (JRF)** in the research project entitled "**Purification and Valorization through Indigenous Tailoring of Raw Polymeric Waste into Advanced Multidimensional Carbon Nano Materials (PAVITRAM) for Large Scale Energy Storage Applications Including Supercapacitors and Batteries**" funded by ‘**Ministry of Environment, Forest, and Climate Change, NMHS**’, at the ABV-IIITM, Gwalior, in collaboration with Kumaun University Nainital, Kurukshetra University Kurukshetra, University of Petroleum & Energy Studies (UPES) Dehradun, and Nagar Panchayat Nainital.

**Area of Research Project:** Energy Storage Applications (Supercapacitors and Batteries).

**Project Investigator:** Dr Anurag Srivastava, Professor

**Name of the position available:** Junior Research Fellow (JRF)

**Number of positions available:** One

### **Qualifications:**

#### **Essential:**

M.Sc. Physics/Chemistry or M.Tech Engineering Physics/ Nanotechnology/ Materials Science/ Metallurgy/ Chemical Engineering/Electronics from a recognized university or equivalent with/without NET/GATE/JEST/DST-Inspire/National level qualifying examination.

**Desirable:** Experience in density functional theory (DFT) calculations/ Modeling and Simulation/Programming will be preferred.

**Age limit:** Must not be over 28 years as on 25<sup>th</sup> June, 2024 which is relaxable for certain reserved categories as per the rules of the Government of India.

**Fellowship:** Rs. 31,000/- + HRA (In case Institute doesn't have the accommodation in campus) for the candidate having NET/GATE/JEST/DST-Inspire/National level examination qualified.

The candidate doesn't have NET/GATE/JEST/DST-Inspire/National level examination qualified may be selected as **Project Fellow** with a fellowship of Rs.24,000/- +HRA (In case Institute doesn't have the accommodation in campus).

**Project duration:** Initially for one year and likely to be extended till the completion of project based on mutual agreement and the performance of the candidate.

**Last date of Receiving the Application:** On or before 25<sup>th</sup> June, 2024

### **General Terms and Conditions:**

The position is purely temporary and on contractual basis, and renewable each year, subject to satisfactory performance. The position is co-terminus with the project. *Candidate selected for this position can also apply for the regular or project-sponsored PhD program of ABV-IIITM, Gwalior provided they satisfy the eligibility criteria.*

Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be presented along with the self-attested photocopies of these documents at the time of interview.

**Only shortlisted candidates will be communicated through email to appear for the interview and no other communication in this regard will be entertained. The selection is purely based on the suitability and performance of the candidate during interview. The decision of the interview panel is final and non-challenging at any platform. Mere having NET/GATE qualification may not assure your selection, it is totally based on your performance during the interview.**

**NOTE:** No TA/DA will be paid for attending the interview.

Complete application with all supporting documents as annexed should reach the following address of PI on or before **25<sup>th</sup> June, 2024 by speed-post or via email attachment** (complete in one combined PDF) to Email ID: [anurags@iiitm.ac.in](mailto:anurags@iiitm.ac.in) with subject line: "Application for the post of Junior Research Fellow (JRF).

Dr. Anurag Srivastava

Professor and PI of Project PAVITRAM,

Advanced Materials Research Group, CNT Lab, ABV-IIITM, Gwalior

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