



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

(An Autonomous Institute MHRD, Government of India)

Advertisement for the post of Junior Research Fellow (JRF) under 'SERB' Project

Applications are invited from motivated and bright candidates for the position of a **Junior Research Fellow (JRF)** in the research project titled **“Benzene Derivatives based Single Electron Transistor Quantum Dots for Toxic Gas Sensing”** funded under ‘SERB’ scheme, Government of India, at the ABV-IIITM, Gwalior.

Area of Research Project: Single Electron Transistor based Sensors

Principal Investigator: Dr Anurag Srivastava, Professor

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

Number of positions available: One

Qualifications:

Essential: M.Sc./M.Tech. degree in Physics/ Chemistry/ Material Science/ Nanoscience and Nanotechnology/Applied Sciences/ Engineering with NET/GATE/JEST/DST-Inspire/National level qualifying examination or a post graduate degree

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 **18th August, 2019** which is relaxable for certain reserved categories as per the rules of the Government of India

Salary: Rs. 25000 + HRA (JRF)

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

Last date of Receiving the Application: On or before 18th August, 2019

General Terms and Conditions:

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

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

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.

Completed application with all supporting documents as annexed should reach the following address on or before **18th August, 2019 by speed-post or via email attachment (complete in one combined PDF):**

Dr Anurag Srivastava

Professor and Chief Mentor

Advanced Materials Research Group, CNT Lab

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