



Maulana Azad National Institute of Technology Bhopal 462003

Department of Chemistry

Date: 20-04-2022

Advertisement Notice

Applications for a post of Junior Research Fellow (JRF)/ Project Associate-I are invited from candidates having M.Sc./M. Tech in Chemistry/Physics/Chemical Engineering/Materials Science/Nanoscience (with min. 60% marks or 6.5 CGPI) and NET/GATE qualifications. Selected candidate will work in a research project entitled “*Development of Lead Free Perovskite Halide Materials and In-Situ Photophysical Characterization for Quantum Dot based Display Applications*” funded by SERB-DST, India under the guidance of Dr. Dharmendar Kumar Sharma (Principal Investigator), Department of Chemistry, MANIT, Bhopal – 462003. The JRF/ Project Associate post is purely temporary, initially for one year and extendable till the project duration on satisfactory performance (co-terminus with the project). The details can be seen on the Institute website (www.manit.ac.in). Applicants are required to send their application with full educational qualifications and experience certificates in the attached proforma. A **Single PDF file of the application proforma and transcripts/certificates should be sent to PI at dksiitb@gmail.com by 10-05-2022**. Mention “**Application for JRF/Project Associate-I in SERB-DST project**” in the subject line of the email. Applications lacking mark-sheets/certificates in support of claims made by candidate will be rejected.

Dr. Dharmendar Kumar Sharma
(Principal Investigator)



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Name of Post: Junior Research Fellow (JRF)/ Project Associate-I

No. of Post: 01

Qualification(s):

- (a) M.Sc. /M. Tech in Chemistry/Physics/Chemical Engineering/Materials Science/Nanoscience (with min. 60 % marks or 6.5 CGPI).
- (b) NET (including lectureship/assistant professorship) /GATE qualification or other national level examinations conducted by central government departments and their agencies such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.

Emoluments: Applicants with qualification (a) & (b) will receive **Rs. 31000 + HRA** (as per SERB/ Institute norms). Applicants without (b) qualification will receive **25000+ HRA** (as per SERB-DST, India/ Institute norms).

Desirable: Good verbal and writing communication skills. *Candidates with M.Sc. Chemistry/ Applied Chemistry and research experience in nanomaterial related field will be preferred.*

We are looking for fully devoted scientific manpower. This is a full time assignment and JRF/Project Associate-I will involve in nanomaterials synthesis and their characterization. Along with conventional methods, specialized methods at bulk and single molecule level will be used to characterize synthesized nanomaterials. Preference will be given to the candidates with M.Sc. Chemistry and having working experience in the field of Nanomaterials/Quantum dot synthesis and characterization.



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Selected candidate will be encouraged to make efforts to register for PhD programme in the institute following institutional norms. The candidates should apply in the prescribed format available on the Institute website (www.manit.ac.in) on or before **10-05-2022**, along with self-attested softcopies of the relevant certificates. If any of the important information provided in the application form is not supported by certificates attached, application will be rejected. Applications should be emailed to the dksiitb@gmail.com to Dr. D. K. Sharma (Principal Investigator), Department of Chemistry, MANIT, Bhopal – 462003, Madhya Pradesh. Call letters for personal interview will be e-mailed to the respective email id after scrutiny of each application. No hard copy of call letter will be sent. The appointment will be purely on contract basis, the post have been created for the execution of the research project and selected candidates shall not be an employee and no claim of any benefit on that account. Appointment may be terminated at any time if performance is not satisfactory.

Last date for submission of complete application form	10-05-2022
Interview Date	Will be notified to shortlisted eligible candidates through e-mail.
Declaration of result	Will be notified to selected candidate through e-mail.

Dr. Dharmendar Kumar Sharma
(Principal Investigator)



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12. Details of Previous Experience:

S. No.	Name of Employer with address	Salary drawn	Period of service	Nature of Duties

If selected, minimum time required to join the post in _____ days.

13. References (Minimum Two), Name, Designation, and Institute address, Mobile/Tel No. and E-mail id.

1. _____ 2. _____

14. Statement of purpose (200 words):

15. Any other relevant information

Declaration

I affirm that the information given in this application is true and correct. I also fully understand that if at any stage, it is discovered that an attempt has been made by me to willfully conceal or misrepresent the facts, my candidature may be summarily rejected or my employment terminated.

Candidate Signature
Candidate Name