



# Maulana Azad National Institute of Technology Bhopal 462003

Department of Chemistry

**Date:** 18-01-2022

## **Advertisement Notice**

Applications for a post of Junior Research Fellow (JRF) are invited from candidates having M.Sc./M.Tech in Chemistry/Materials Science/ Nanoscience/ Chemical Engineering (with min. 60% marks or equivalent 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 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](http://www.manit.ac.in)). Applicants are required to send their application with full educational qualifications and experience certificates in a **Single PDF file** to PI at [dksiitb@gmail.com](mailto:dksiitb@gmail.com) by **06-02-2022**. 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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## Advertisement

Applications are invited from eligible Indian nationals, giving full details of educational qualifications and experience, for the post of a Junior Research Fellow (JRF) in 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 post is purely temporary and co-terminus with the project. The JRF post is initially allowed for one year. On satisfactory performance, appointment of JRF is extendable till the project duration on satisfactory performance. The details can be seen on the Institute website ([www.manit.ac.in](http://www.manit.ac.in)). **Soft copies** of application in the prescribed format along with all enclosures (in single PDF file) should reach to PI by **06-02-2022**. Email application at [dksiitb@gmail.com](mailto:dksiitb@gmail.com) and clearly mention “**Application for JRF in SERB-DST project**” in the subject line. Applications lacking certificates in support of claims made by candidate will be rejected.

**Name of Post:** Junior Research Fellow (JRF)

**No. of Post:** 01

**Emoluments:** Rs. 31000/- per month + HRA as (As per applicable SERB-DST, India norms/ Institute norms).

**Age:** Preferably below 30 years on the last date of application.

### Essential Qualification:

1. M. Tech. /M.Sc. in Chemistry/ Materials Science/ Nanomaterials with minimum 60% marks or equivalent.

**Desirable Qualification:** NET/GATE qualified & good at communication skills both in vocal and writing.

We are looking for fully devoted scientific manpower. This is a full time assignment. Experimentation will involve nanomaterials synthesis and their characterization using conventional and specialized methods. Preference will be given to the candidates having working experience in the field of Nanomaterials/Quantum dot synthesis and characterization.

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](http://www.manit.ac.in)) on or before **06-02-2022**, along with self-attested softcopies of the relevant certificates. If any of the important information provided in the application form is not



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supported by certificates attached, application will be rejected. Applications should be emailed to the [dksiitb@gmail.com](mailto: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	<b>06-02-2022</b>
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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## 11. 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.

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

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## 13. Statement of purpose (200 words):

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## 14. Any other relevant information

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### 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 wilfully conceal or misrepresent the facts, my candidature may be summarily rejected or my employment terminated.

**Candidate Signature**  
**Candidate Name**