



**/INSTITUTE OF NANO SCIENCE AND TECHNOLOGY**  
(An Autonomous Institute of Department of Science and Technology,  
Government of India)  
Knowledge City, Sector 81, SAS Nagar, Mohali- 140306, Punjab

**No. 14(10)/2020-INST**

**Date: 10.08.2021**

**Advertisement for the position of Project Junior Research Fellow (JRF) under the research project funded by 'SERB' at Institute of Nano Science and Technology**

Applications are invited from highly motivated and bright candidates for engagement of **Project Junior Research Fellow (JRF)** in the research project funded by **SERB**, Government of India at Institute of Nano Science and Technology, Mohali.

**Title of the Research Project:** First Principle Designing of Single Molecule Magnets and Grafting on the Substrates to Quench the Quantum Tunneling of Magnetizations

**Principal Investigator:** *Dr. Md. Ehesan Ali*

**Name of the position available:** Junior Research Fellow

**Number of positions available:** One

**Qualifications:**

**Essential:** M.Sc./M.Tech. Degree in Physics/Chemistry/Nano Science & Technology with strong background in Quantum Mechanics/Molecular Physics/Chemical Bonding/Magnetism with NET/GATE/GPAT qualification.

**Desirable:** Computer Programming in Fortran/C++/Python and working knowledge in LINUX.

**Age limit:** Must not be over than 30 years as on 24.08.2021, which is relaxable as per Gol norms.

**Salary:** Rs. 31,000/- (pm) + 16 % HRA

**Project duration:** Initially for a period of six months and may be extended based upon the performance of the candidate.

**Last of receipt of application:** 24<sup>th</sup> August, 2021

**General Terms and Conditions:**

- The position is purely temporary and on contractual basis and renewable each year subject to **satisfactory performance till the completion of the project**. The position is **co-terminus** with the project. **Candidate selected for this position can also apply for the regular PhD program of INST provided they satisfy 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 in the interview and no other communication in this regard will be entertained.**

Completed applications in the **prescribed format** as annexed should reach to the following address by **24.08.2021** by via email attachment (complete one combined PDF) addressed to:

The candidates are also requested to fill the following online Synopsis.

<https://forms.gle/k1MEJ4yg8o9RxbF68>

**Dr. Md. Ehesan Ali (Scientist-E)**  
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