



INSTITUTE OF NANO SCIENCE AND TECHNOLOGY
(An Autonomous Institute of Department of Science and Technology,
Government of India)
Habitat Centre, Phase X, Sector 64, Mohali-160062, Punjab

No. 14(10)/2020-INST

Date: 08.09.2020

Advertisement for the post 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 30 years as on 30.09.2020, a relaxation of upto 5 years is provided to the candidates belonging to OBC-Non Creamy Layer (OBC-NCL)/SC/ST/PwD/Transgender categories and to women applicants.

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

Project duration: Initially for a period of one year and may be extended up to three years based upon the performance of the candidate.

Last of receipt of application: 30th September, 2020

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 **three** years. 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 TADA 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 **30.09.2020** 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>

Due to precautionary travel restrictions for COVID-19 outbreak, the interview will be conducted online only.

Dr. Md. Ehesan Ali (Scientist-E)
Institute of Nano Science and Technology (INST), Mohali
Habitat Centre, Sector 64, Phase-10, S.A.S. Nagar,
Mohali-160064, Punjab
Email: ehesan.ali@inst.ac.in
Ph No.: +91-172-2210075/57 (Extn: 216)