



INSTITUTE OF NANO SCIENCE AND TECHNOLOGY
(An Autonomous Institute supported by the Department of Science
and Technology, Government of India)

Habitat Centre, Phase X, Sector 64, Mohali-160062, Punjab

Advertisement for the position of Junior Research Fellow (JRF) under 'DST-NANOMISSION' at the Institute of Nano Science and Technology

Applications are invited from motivated and bright candidates for the position of a **Junior Research Fellow (JRF)** in the research project funded under 'DST-NANOMISSION' scheme, Government of India, at the Institute of Nano Science and Technology, Mohali

Title of the Research Project: Atomic-scale investigation of the nanopiezotronic properties in semiconducting transition metal dichalcogenide monolayers via first-principles electronic structure methods

Principal Investigator: Dr Abir De Sarkar, Scientist-E

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

Desirable: Experience in density functional theory (DFT) calculations/ Modelling and Simulation/Programming will be preferred, **but is not mandatory**

Age limit: Must not be over 28 years as on **21st July, 2018** 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 renewed & extended further based on mutual agreement and the performance of the candidate

Last date for receipt of application: 21st July, 2018

General Terms and Conditions:

The position is purely temporary and on contractual basis. 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 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 at the interview and no other communication in this regard will be entertained.

Important:

Completed applications in the **prescribed format** as annexed should reach the address provided below on or before **21st July, 2018** by **Speed Post or via email attachment (complete in one combined PDF)**.

Additionally, the **candidates need to submit their applications online** via the following link. (Once you click the link below, you will be prompted to fill out an online form)

<http://bit.ly/2KxeN1q>

Dr Abir De Sarkar

Scientist-E

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