



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(7)/2024-INST

DATE: 02.04.2024

Walk-In Interview (hybrid mode)*

Advertisement for engagement of Junior Research Fellow (JRF) under the 'SERB' funded project at Institute of Nano Science and Technology

Highly motivated and bright candidates are invited for walk-in-Interview for engagement of **Project Junior Research Fellow (JRF)** in the research project funded by 'SERB'.

Date of walk in interview: 29.04.2024

Reporting time and venue: 10.00 am at the above mentioned address.

Title of the Research Project: Computational design of 2D materials and their interfaces for a high out-of-plane piezoelectricity

Principal Investigator: Prof. Abir De Sarkar, Scientist-G & Dean (Faculty), INST, Mohali

Name of the position available: Junior Research Fellow

Number of positions available: One

Qualifications:

Essential Qualification: M.Sc. Degree in Physics Or M.Tech. degree in Material Science/Nanoscience & Nanotechnology and selected through a process described through any one of the following:

- (a) Scholars who are selected through National Eligibility Tests–CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or JEST.
- (b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc.

Desirable Experience: Experience in scientific computing, Nanoscience and nanotechnology will be preferred.

Age limit: Must not be over 28 years as on 29.04.2024, which is relaxable for certain reserved categories as per rules of Government of India.

Fellowship: Rs. 37,000/- (pm) + HRA (as applicable)

Duration: Initially one year and may be extended based on the performance of the candidate and availability of funds.

General Terms and Conditions:

- The position is purely temporary and on a contractual basis and **renewable each year subject to satisfactory performance for a maximum of three years or till the completion of the project, whichever is earlier.** 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 the interview (When interview will take in person)**
- <https://forms.gle/u5bsrVm6ZUktvT5H6>

Interested candidates may fill out this online synopsis Google form and submit the completed application form in the prescribed format annexed to the advertisement together with their testimonials (consolidated into a single PDF file) via email to adslabd32@gmail.com , abir@inst.ac.in.

Date of interview and Reporting Time: 29.04.2024, 10.00 am

For any query, candidates can contact on following address

Name and Designation of PI : Prof. Abir De Sarkar, Scientist-G & Dean (Faculty)

Institute of Nanoscience and Technology (INST),

Sector 81, Knowledge City, SAS Nagar-140306, Punjab

E-mail: adslabd32@gmail.com , abir@inst.ac.in

Ph No.: +91-172-2297049

Mobile: +919023548853

**offline mode is preferred, and is a must for candidates working or residing within 300 km of the Institute. Candidates opting for online mode may indicate their preference, at the earliest, and specifically before 29 April 2024. Depending on the number of applicants showing interest in the online mode, the PI may restrict the online interviewees to a reasonable number through certain screening criteria. The decision on your request for an online mode of interview rests solely with the PI.*