



# नैनो विज्ञान एवं प्रौद्योगिकी संस्थान

( विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार का एक स्वायत्त अनुसंधान संस्थान )

नॉलेज सिटी, सेक्टर - 81, एस.ए.एस. नगर, मोहाली - 140306, पंजाब

## INSTITUTE OF NANO SCIENCE & TECHNOLOGY

(An Autonomous Research Institute of the Department of Science and Technology, Government of India)

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

No: 14(11)/2021-INST

Date: 20.12.2023

### Walk-in-Interview

#### Advertisement for position of 'Junior research Fellow' under the 'Nanomission, DST' funded project at Institute of Nano Science and Technology

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

**Title of the Research Project:** Development of strongly spin orbit coupled topological quantum hetero-structures for spintronic application

**Principal Investigator:** Dr Indranil Sarkar and Scientist F (Professor)

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

**Number of positions available:** 1

#### **Qualifications:**

**Essential:** Postgraduate degree/MSc degree in Physics or Nanotechnology

Selected through a process described through any one of the following:

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

**Age limit:** : **Must not be over 28 years as on 04/01/2024**, which is relaxable for certain reserved categories as per rules of Government of India.

**Fellowship:** Rs. 31,000/- (p. m) + HRA as applicable.

**Date of Interview:** 04/01/2024 Candidates are strongly encouraged to email their detailed CV prior to interview date at the email id mentioned below

**Mode of Interview:** Walk-in interview

**Duration:** Initially one year and may be extended up to 3 years (final year as SRF) based on performance of the candidate and the availability of funds. The performance will be reviewed every four months.

### **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/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 eligibility criteria.***
- The position is purely temporary and on contractual basis. The position is co-terminus with the project.
- 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 (when interview will take in person).**

**Candidates are strongly encouraged to email their detailed CV prior to interview date at the email id mentioned below**

For any query, candidates can contact on following address

**Dr Indranil Sarkar and Scientist F (Professor)**

**Institute of Nanoscience and Technology (INST),**

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

E-mail: [indranil.sarkar@inst.ac.in](mailto:indranil.sarkar@inst.ac.in) , Ph No.: +91-172-2297000 (Extn: **7038** )