



# 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(3)/2022-INST

Date: 17/09/2024

### **Advertisement for the position of Project Junior Research Fellow (JRF) under the 'DST-SERB' funded project at the 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 'DST-SERB, Government of India at Institute of Nano Science and Technology, Mohali.

**Title of the Research Project:** Development of upconversion/down-shifting luminescent ink with lanthanide doped bismuth based nanomaterials for anti-counterfeiting applications.

**Principal Investigator:** Dr. Sanyasinaidu Boddu, Scientist-D

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

**Number of positions available:** One

#### **Qualifications:**

**Essential:** Post Graduate Degree in Chemistry or Physics or Forensic Sciences or Graduate / Post Graduate Degree in Professional Course 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) and GATE.
- 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 the synthesis of nanomaterials

**Age limit:** : Must not be over 28 years as on 01/10/2024, which is relaxable for certain reserved categories as per rules of Government of India.

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

**Last date of receipt of application:** 01/10/2024

**Mode of Interview:** Hybrid (both offline and online)

**Duration:** 3 months/ till the project end (i.e.20.01.2025)

## **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 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).**

**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 **01/10/2024** via email attachment (complete one combined PDF) addressed to:

For any query, candidates can contact on following address

**Dr. Sanyasinaidu Boddu, Scientist-D**

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

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

E-mail: sanyasinaidu@inst.ac.in, Ph No.: +91-172-2297000 (Extn: **37**)

Mobile: 9646466706