



# नैनो विज्ञान एवं प्रौद्योगिकी संस्थान

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

नॉलेज सिटी, सेक्टर - 81, एस.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)/2025-INST

Date: 24.03.2025

### **Advertisement for position of 'Senior Project Assistant' under the 'ICMR' funded project at Institute of Nano Science and Technology**

Applications are invited from highly motivated and bright candidates for engagement of Senior Project Assistant in the research project funded by 'ICMR, Government of India at Institute of Nano Science and Technology, Mohali.

**Title of the Research Project:** "Development of CRISPR based nanotherapy for Parkinson's Disease".

**Principal Investigator:** Dr. Surajit Karmakar, Scientist-G

**Name of the position available:** Senior Project Assistant

**Number of positions available:** One

#### **Essential Qualifications:**

• Graduate (Science discipline) with minimum 60% marks + 3 years of relevant work experience in nanoparticle synthesis, characterization and biomedical application.

OR

• Postgraduate in Molecular Biology / Biochemistry/ Nanobiotechnology/ Zoology/ Microbiology with minimum 60% marks and hands on experience in basic laboratory techniques. Candidates who have qualified UGC/NET/SLET/GATE or any equivalent National level examination will be preferred.

#### **Desirable Experience:**

1. Experience in Various Biochemical Assays, mammalian Cell Culture, Animal handling, Molecular Biology / Nanobiotechnology Techniques as well as routine lab experiments.
2. Experience in nanoparticle synthesis, characterization and biomedical application.

**Age limit:** : Must not be over 28 years as on 17.04.2025, which is relaxable for certain reserved categories as per rules of Government of India.

**Fellowship:** @ Rs. 30,600/- p.m (fix)

**Last date of receipt of application:** 17<sup>th</sup> April, 2025

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

The selected candidate will:

- Conduct research related to nanoparticle-based drug delivery and neurodegenerative disorders
- Perform animal handling, molecular biology experiments, and nanobiotechnology-based analysis
- Manage laboratory work and assist in data collection and analysis

**General Terms and Conditions:**

- The position is purely temporary and on contractual basis and **renewable each year subject to satisfactory performance and availability of funds, for a maximum of three years/till the duration of the project.** The position is co-terminus with the project.
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- No TA/DA will be paid for attending the 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 17.04.2025 via email attachment (complete one combined PDF) addressed to:**

**Note: Candidates are required to submit the application form duly filled in the prescribed format only along with all certificates, failing which application cannot be considered.**

For any query, candidates can contact on following address

**Name and Designation of PI:** Dr. Surajit Karmakar, Scientist G

**Institute of Nano Science and Technology (INST),**

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

E-mail: surajit@inst.ac.in, Ph No.: +91-172-2297000 (Extn: 7041)