



# 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(12)/2021-INST

Date: 25.05.2022

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

**Title of the Research Project:** Enhanced osteogenesis promoted by bone injury specific co-delivery of BMP2 and Noggin Si-RNA loaded in microfluidically fabricated amino acid-based nanobowls with pH tunable lids

**Principal Investigator:** Dr. Jiban Jyoti Panda, Scientist-D

**Name of the position available:** Junior Research Fellow (JRF)

**Number of positions available:** One

#### **Qualifications:**

**Essential:** Qualification: Master Degree (M.Sc / M.Tech or Equivalent) in the area of Physics/Chemistry/Material Science/Biochemistry/Mechanical/Chemical or Electrical Engineering with NET/GATE or other acceptable national level exam qualification.

**Desirable:** Prior experience in biosensing, chemical sensing, microfluidics will be preferred.

**Age limit:** Must not be over 30 years as on 08/06/2022, which is relaxable for certain reserved categories as per rules of Government of India.

**Fellowship:** Rs. 31,000/- (pm) + 8% HRA

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

**Last date of receipt of application:** 08/06/2022

#### **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. **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.
- 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 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 **08/06/2022 via email attachment addressed to:**

**Name and Designation of PI**

**Dr. Jiban Jyoti Panda**

**Scientist-D**

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

**Knowledge City, Sector 81**

**Mohali-140306, Punjab**

**Email: jyoti@inst.ac.in**

**Ph No.: 0172-2297000/7023**

**Or**

**Name and Designation of the Co-PI**

**Dr Bhanu Prakash**

**Scientist-D**

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

**Knowledge City, Sector 81**

**Mohali-140306, Punjab**

**Email: bhanup@inst.ac.in**

**Ph No.: 0172-2297000/7021**