



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(12)/2021-INST

Date: 11.03.2022

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 20/03/2022, 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: 20/03/2022

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 **20/03/2022 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