



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 (5)/2024-INST

Date: 19.06.2024

Advertisement for the position of Project Research Scientist-I (Non-Medical) under the ICMR-funded project at the Institute of Nano Science and Technology

Applications are invited from highly motivated and bright candidates for engagement of **Project Research Scientist-I (Non-Medical)** in the research project funded by ICMR, Government of India, at the Institute of Nano Science and Technology, Mohali.

Title of the Research Project: *Noninvasive and in situ forming peptide-polymer hydrogel containing CPP decorated nanoparticles/photoresponsive agents with crystallin aggregates disaggregating propensity for potential cataract therapy*

Nature of the Project: The computational & bio-informatic part of the project will be conducted in strong collaboration with the experimental counterparts, **Dr. Jiban J. Panda** (Principal Investigator).

Project Investigators: Prof. Md. Ehesan Ali, Scientist-F

Name of the position available: Project Research Scientist-I (Non-Medical)

Number of positions available: 1

Qualifications:

Essential: 1. First Class Post Graduate Degree, including the integrated PG Degrees (Computational Biology/Chemistry, BioSciences/Chemical Biology/Bioinformatics)

2. Second Class Post Graduate Degree, including the integrated PG Degrees with PhD (Computational Biology/Chemistry, BioSciences/Chemical Biology/Bioinformatics)

Desirable Experience: Research experience in Computational Biology/Chemistry and Bioinformatics, Molecular Dynamics Simulations, programming knowledge in Python, and experience in handling big data and Data Analysis, Density Functional Theory (DFT)

Age limit: Must not be over 35 years as of **07.07.2024**, which is relaxable for specific reserved categories as per the rules of the Government of India.

Fellowship: Rs. 56,000/- pm + HRA as applicable

Last date of receipt of application: **07.07.2024**

Mode of Interview: Hybrid mode (Online/Offline)

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

General Terms and Conditions:

- The position is purely on a temporary basis and renewable each year, subject to satisfactory performance for a maximum of four years/till the completion of the project, whichever is earlier. The position is **co-terminus** with the project.
- No TA/DA will be paid to attend 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 interview (when the interview will take in person).**

Only shortlisted candidates will be communicated to appear in the interview through email, 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 07.07.2024 via email attachment (complete one combined PDF) addressed to:**

Candidates must submit the following 'Online Synopsis' and the formal application forms.
<https://forms.gle/3JNZzAyDudjd3Dbd7>

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.

Candidates can contact the following address with any query regarding this position.

Prof. Md. Ehesan Ali (Investigator, Co-PI)

Scientist-F

Institute of Nanoscience and Technology (INST),

Sector 81, Knowledge City, SAS Nagar,

Mohali-140306, Punjab

Ph No.: 0172-2297000/7050

Email: ehesan.ali@inst.ac.in

Website: <https://www.ehesanali.com>

<https://inst.ac.in/scientist/9>

Dr. Jiban Jyoti Panda (PI)

Scientist-E

Institute of Nanoscience and Technology (INST),

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

E-mail: jjyoti@inst.ac.in Ph No.: +91-172-2297000

http://www.inst.ac.in/faculty/dr_jyoti.html

https://en.wikipedia.org/wiki/Jiban_Jyoti_Panda

<https://jibanj123.wixsite.com/mysite>