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 (22)/2024-INST   **Date: 17.02.2025**

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 **Project Research Scientist-I (Non-Medical)** engagement in the research project funded by ICMR, Government of India, at the Institute of Nano Science and Technology, Mohali.

Title of the Research Project: *Netrin-1 Centric Precision Therapy for Cervical Cancer Treatment by Integrating Computer Modelling, Experimental Methods, and Nanoformulation with Protein-ligand Interactions.*

Nature of the Project: Computational Chemistry/Biochemistry, Biophysics, and Bioinformatics. This project will be conducted in close collaboration with the experimental work of **Dr. Deepika Sharma** (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: First Class Post Graduate Degree, including the integrated PG Degrees (Computational Chemistry/Biology/ (bio) Physics/BioSciences/Chemical Biology/Bioinformatics or related areas)

Or

Second Class Post Graduate Degree, including the integrated PG degree with PhD (Computational Chemistry/Biology/ (bio) Physics/BioSciences/Chemical Biology/Bioinformatics or related areas)

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

Age limit: Must not be over 35 years as of **03.03.2025**, which is relaxable for specific reserved categories as per the rules of the Government of India.

Fellowship: Rs. 56,000/- pm + 20% HRA

Last date of receipt of application: 03.03.2025

Mode of Interview: Hybrid mode (Online/Offline)

Duration: Initially, it will be 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 03.03.2025 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 must submit the application form duly filled in the prescribed format only along with all certificates, failing which the 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

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