



**INSTITUTE OF NANO SCIENCE AND TECHNOLOGY**  
(An Autonomous institute of Department of science and Technology, GOI)  
Habitat Centre, Phase X, Sector 64, Mohali-160062, Punjab

**Advertisement for the post of RA/Postdoc under Indo-Swedish bilateral Project, at  
Institute of Nano Science and Technology**

Applications are invited from highly motivated and bright candidates for engagement as **Research Associate(RA)/Postdoc** in the research project jointly funded by Department of Science and Technology, Govt. of India and Swedish Research Council at Institute of Nano Science and Technology, Mohali.

**Title of the Project:** *In Silico Studies of Magnetic and Vibrational Properties for Diagnostic Application*

**Principal Investigator:** *Dr. Md. Ehesan Ali*, Scientist-E ([ehesan.ali@inst.ac.in](mailto:ehesan.ali@inst.ac.in))

**Name of the position available:** Research Associate (RA) / Post-Doc (PDF)

**Number of positions available:** One

**Qualification:**

**Essential:** Ph.D. degree or thesis submitted in the area of Computational Chemistry, Theoretical Condensed Matters Physics.

**Desirable:** Research experience in Ab Initio Calculations, Density Functional Theory and Molecular Dynamics Simulations. Programing skills in Fortran/C/C++/Python will be preferred **but not mandatory**.

**Age limit:** Must not be over 35 years as on **6<sup>th</sup> November, 2017** which is relaxable for certain reserved categories as per rules of Government of India.

**Salary:** Rs.36,000/- + 10% HRA for Research Associate/ Rs. 45,000/- (consolidated) for Post-Doc

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

**Last Date of Receiving Application:** **6<sup>th</sup> November 2017**

**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 **two** years. The position is **co-terminus** with the project.

No TA/DA will be paid for attending the interview, ***however, candidates residing beyond 500 km from Mohali may opt for online 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 shall be entertained.**

The online SYNOPSIS (<https://goo.gl/forms/k1OoGPSuFNofsQEK1>) should be duly filled and application material must be sent on or before **6<sup>th</sup> November, 2017** via **email attachment (as a single PDF document) addressed to:**

**Dr. Md. Ehesan Ali**

Associate Professor (Scientist-E)

Institute of Nano Science and Technology (INST), Mohali  
Habitat Centre, Phase X, Sector 64, Mohali-160062, Punjab

Tel: [01722210075](tel:01722210075) (ext. 216)

Email: [ehesan.ali@inst.ac.in](mailto:ehesan.ali@inst.ac.in)

Web: [http://www.inst.ac.in/faculty/Dr\\_Ehesan.html](http://www.inst.ac.in/faculty/Dr_Ehesan.html)