



INSTITUTE OF NANO SCIENCE & TECHNOLOGY

(An Autonomous Research Institute of the Department of Science and Technology, Government of India)

Habitat Centre, Sector-64, Phase-X, Mohali-160062, Punjab

No: 14(7)/2017-INST

Date: 18.10.2018

Advertisement for the post of Postdoc/ R.A/ JRF under Indo-Sweden Joint Project, at Institute of Nano Science and Technology

Applications are invited from highly motivated and bright candidates for engagement as **Postdoc Fellow (PDF)/ Research Associate(R.A)/** (in absence of suitable R.A/Postdoc candidate) **JRF** 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)

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

Number of positions: One

Qualification:

Essential: (i) Ph.D. degree or thesis submitted in the area of Computational Chemistry, Theoretical Condensed Matters Physics for **Postdoc/R.A** / (ii) for **JRF** M.Sc. degree in Chemistry/Physical Chemistry/Physics/Nano Sciences plus NET/GATE/JEST for JRF & Nano-technology with strong desire to work in the area of computational Nano-sciences.

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 for RA/Postdoc and 28 years for JRF, as on **5th November, 2018** which is relaxable for certain reserved categories as per Government of India rules.

Salary (p.m.): PDF: Rs 45000/- / R.A: Rs. 36,000+10% HRA/ JRF: Rs. 25000+10% HRA.

Duration of Engagement: Initially for a period of Six months, which may be extended depending upon the performance of the candidate and availability of funds / Project duration.

Last date of receipt of application: **5th November 2018**

General Terms and Conditions:

The position is purely temporary and on contractual basis and renewable subject to satisfactory performance. 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 **5th November, 2018** 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

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Web: http://www.inst.ac.in/faculty/Dr_Ehesan.html