



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

No. 14(27)/2016-INST

Date: 23.10.2020

Advertisement for Walk-in-Interview for the post of Project Junior Research Fellow (JRF) under Nanomission, Dept. of Sci. & Tech. (DST) at Institute of Nano Science and Technology, Mohali

Applications are invited from highly motivated and bright candidates for engagement as **JRF** in the research project funded by '**DST, Nanomission** scheme, Government of India at Institute of Nano Science and Technology, Mohali.

Title of the Research Project: "*Low temperature growth of carbonaceous heterostructure for magnetic and thermal applications*"

Principal Investigator: Dr Kaushik Ghosh, Scientist-E

Name of the position available: Junior Research Fellow (Project)

Number of positions available: One

Qualifications:

Essential:

1. M. Sc. /M. Tech. degree in Chemistry/Physics/Electronic-engineering (Having knowledge/interest in VLSI designing and MEMS fabrication)/Material science/Nanoscience and Nanotechnology
2. Qualified: CSIR or UGC-NET/GATE/JEST/DST-INSPIRE National Level qualifying examination.

Desirable: Research experience in analytical techniques/nanoscience/electronics/material chemistry/device fabrication is preferred.

Opportunity: The student will get exposure to work in 10K Class Cleanroom environment for fabrication of Si/Carbon based devices and will handle world class equipments like; AIXTRON PECVD for Low temperature carbonaceous material growth, Multi-targeted (DC and RF) Sputtering system, Electron-Beam deposition, Mask less lithography etc. and various characterization tools.

Age limit: Must not be over 30 years as on 07.11.2020, a relaxation of upto 5 years is provided to the candidates belonging to OBC-Non Creamy Layer (OBC-NCL)/SC/ST/PwD/Transgender categories and to women applicants.

Last date of receiving application: On or before 6th November 2020

Date of walk-in-interview: 7th November 2020 from 12:00 Noon to 4:00 PM (reporting time 11:30 AM)

Fellowship: Rs. 31000/- (pm) + HRA as applicable (JRF)

Project duration: Initially for Six month and may be extended based on performance of the candidates

General Terms and Conditions:

- The position is purely temporary on contractual basis and renewable till completion of the project subject to satisfactory performance/ availability of the fund. The position is **co-terminus** with the project. *Candidate selected for JRF 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.
- **Mode of Interview:** Candidate should appear for interview in person.
- However, candidates residing far off may opt to **online interview through Google Meet**, subject to the prior approval of the undersigned. (Request along with the **Google ID** should be sent at kaushik@inst.ac.in before 6th November, 2020)
- **Original documents** of age proof/certificates/degrees/mark sheets and other testimonials,
- **Dissertation Thesis, Project Reports of earlier work done** along with **3 copies of CV** must be presented at the time of interview. One set of self-attested photocopies of these documents with 1 passport size photographs must be submitted at the time of interview.

Last Date: The soft copy of the Applications must be reached to Kaushik@inst.ac.in on or before 6th February, 2020.

Dr. Kaushik Ghosh; Scientist-E

**Institute of Nanoscience and Technology (INST), Mohali
Habitat Centre, Sector 64, Phase-10, S.A.S. Nagar,
Mohali-160064, Punjab**

Email: kaushik@inst.ac.in

Ph No.: +91-172-2210073/75 (Extn: 211); Mobile: **08427017574**