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.

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