



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(21)/2016-INST

Date: 01.02.2019

Advertisement for Project Junior Research Fellow (JRF) under “DST-Nano Mission Project

Title of the Research Project: “Prototype Large-scale reactor for simultaneous production of H₂ and fine chemicals under natural sunlight” (Project from DST Nano Mission)

Applications are invited from highly motivated and bright candidates for the position of Project Junior Research Fellow (JRF) in DST Nano Mission project under the supervision of **Dr. Kamalakannan Kailasam, Scientist E**, Principal Investigator, Institute of Nano Science and Technology, Mohali.

Brief description of projects: DST-Nano Mission project involves the synthesis of nanomaterials for simultaneous hydrogen production through water splitting and fine chemicals under natural sunlight. Eventually, prototype will be built using these nanomaterials for large-scale hydrogen production and fine chemicals.

Name and Number of the position available: Junior Research Fellow (JRF) – 1 position.

Essential qualifications: M. Sc. / M. Tech. in any discipline of Chemistry/ Material Science with NET/LS/GATE, etc.

Desirable Experience: Research experience in synthesis of nanomaterials, organic compounds and handling of spectroscopic and chromatographic techniques.

Age limit: Must not be over 28 years as on 31st January, 2019 which is relaxable as per GOI norms.

Salary: ₹ 25,000/- + 20% HRA per month.

Project duration: Initially for one year and may be extended till duration of the project based on performance of the candidates.

General Terms and Conditions:

- 1) The position is temporary and renewable each year subject to satisfactory performance. The position shall be co-terminus with the project. Candidate selected for JRF position can also apply for the regular PhD program provided they satisfy the eligibility criterion for PhD program in INST norms.
- 2) Completely filled and signed application form in the prescribed format (attached) must be submitted as per the attached template.
- 3) Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be presented at the time of interview. Self-attested photocopies of these documents are to be sent along with application and also to be provided at the time of interview.
- 4) **Only shortlisted candidates will be communicated to appear in the interview and no other communication in this regard will be entertained. It should be noted that the candidates residing beyond 1000 km from Mohali may opt for online interview if shortlisted.**
- 5) No TA/DA will be paid for attending the interview.

Completed APPLICATION FORM should reach on or before March-15, 2019 by post or via email attachment (all files as one combined PDF) addressed to:

Dr. KAMALAKANNAN KAILASAM,
Scientist-E/ Associate Professor
Institute of Nano Science and Technology,
Habitat Centre, Phase-X,
Sector-64, Mohali, Punjab – 160062
Email: kamal@inst.ac.in

Enclosed: Application form