



# नैनो विज्ञान एवं प्रौद्योगिकी संस्थान

( विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार का एक स्वायत्त अनुसंधान संस्थान )

नॉलेज सिटी, सेक्टर - 81, एस.ए.एस. नगर, मोहाली - 140306, पंजाब

## INSTITUTE OF NANO SCIENCE & TECHNOLOGY

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

Knowledge City, Sector-81, SAS Nagar, Mohali-140306, Punjab

No: 14(6)/2024-INST

Date: 03.04.2024

### **Advertisement for position of 'Junior Research Fellow (JRF)' under the 'SERB Core Research Grant (CRG) Scheme' funded project at Institute of Nano Science and Technology**

Applications are invited from highly motivated and bright candidates for engagement of **Junior Research Fellow (JRF)** in the research project funded by '**SERB Core Research Grant (CRG) Scheme**', Government of India at Institute of Nano Science and Technology, Mohali.

**Title of the Research Project: Insight study into the photo-redox catalysis for simultaneous CO<sub>2</sub> reduction and biomass oxidation: Boosting sustainable economy**

**Principal Investigator:** Dr. Kamalakannan Kailasam, Scientist-G

**Name of the position available:** Junior Research Fellow (JRF)

**Number of positions available:** One

**Essential Qualification:** Post Graduate degree in Chemistry or Graduate/Post Graduate Degree in Professional Course selected through a process described through any one of the following:

- Scholars who are selected through National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.
- The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc

**Desirable Experience:** Research experience in synthesis of nanomaterials and catalysis is preferable

**Age limit:** Must not be over 28 years as on 18.04.2024, which is relaxable for certain reserved categories as per rules of Government of India.

**Fellowship:** Rs. 31,000/- (pm) + HRA as applicable

**Last date of receipt of application:** 18.04.2024

**Mode of Interview:** Hybrid mode (Online/offline)

**Duration:** Initially for a period of one year and may be extended based on performance of the candidate and availability of funds.

## 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 three years/till the completion of the project.** The position is **co-terminus** with the project. ***Candidate selected for this 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.
- **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 (when interview will take in person).**

**Only shortlisted candidates will be communicated through email to appear in the interview and no other communication in this regard will be entertained.**

Completed **applications in the prescribed format** as annexed should reach to the following address **by 18.04.2024** via email attachment (complete one combined PDF) addressed to:

**Note: Candidates are required to submit the application form duly filled in the prescribed format only along with all certificates, failing which application cannot be considered.**

For any query, candidates can contact on following address

**Prof. Kamalakannan Kailasam**

**Scientist-G**

**Institute of Nano Science and Technology (INST)**

**Knowledge City, Sector-81, Mohali-140306, Punjab**

**Email:** kamal@inst.ac.in

**Ph No.:** +91-172-2297046