



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: 24 (3)/2022-INST

Date: 22.03.2024

Advertisement for position of 'RESEARCH ASSOCIATE-I (RA-I)' under the 'Bharat Petroleum Corporation Limited' funded project at Institute of Nano Science and Technology

Applications are invited from highly motivated and bright candidates for engagement of **Project RESEARCH ASSOCIATE-I (RA-I)** in the industrial project funded by '**Bharat Petroleum Corporation Limited**' at Institute of Nano Science and Technology, Mohali.

Title of the Research Project: Development of single catalytic system for photocatalytic hydrogen production and thermal CO₂ conversion

Principal Investigator: Dr. Kamalakannan Kailasam, Scientist-G

Name of the position available: RESEARCH ASSOCIATE-I (RA-I)

Number of positions available: One

Essential Qualifications: PhD in Chemistry or equivalent degree or having 3 years of research, teaching and design and development experience after MVSc/M.Pharm/ME/M.Tech with at least one research paper in Science Citation Indexed (SCI) journal.

Desirable Experience: Experience in synthesis of nanomaterials especially porous organic polymers and handled analytical techniques regarding photocatalytic water splitting and CO₂ conversion will be preferred

Age limit: Must not be over 35 years as on 4th April, 2024, which is relaxable for certain reserved categories as per rules of Government of India.

Fellowship: Rs. 47,000/- (pm) + HRA as applicable

Last date of receipt of application: 04-04-2024

Mode of Interview: Physical mode for candidates stays in 500 km radius and online mode for other candidates

Duration: Initially six months 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 may be extended based on performance of the candidate. The position is **co-terminus** with the project.
- 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 04-04-2024 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

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