



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(3)/2022-INST

Date: 18.05.2023

Advertisement for position of 'project JRF' under the 'DST-SERB' funded project at Institute of Nano Science and Technology

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

Title of the Research Project: Development of upconversion/down-shifting luminescent ink with lanthanide doped bismuth based nanomaterials for anti-counterfeiting applications

Principal Investigator: Dr. Sanyasinaidu Boddu, Scientist-D

Name of the position available: Project-Junior Research Fellow

Number of positions available: One

Qualifications:

Essential: Post Graduate Degree in Chemistry/Physics/Forensic Sciences selected through a process described through any one of the following:

- Scholars who are selected through National Eligibility Tests – CSIR-UGC NET JRF including lectureship (Assistant Professorship) or 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, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.

Desirable Experience: Synthesis of nanomaterials

Age limit: : **Must not be over 28 years as on 02/06/2023**, which is relaxable for certain reserved categories as per rules of Government of India.

Fellowship: ₹31,000/- per month + HRA (as applicable)

Last date of receipt of application: 02/06/2023

Duration: Initially 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 two years/till the completion of the project whichever is earlier.** 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.***
- The position is purely temporary and on contractual basis. 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 / CV** as annexed should reach to the following address **by 02/06/2023 via email attachment (complete one combined PDF) addressed to:**

For any query, candidates can contact on following address

Dr. Sanyasinaidu Boddu

Institute of Nanoscience and Technology (INST),

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

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