



No: 14(23)/2016-INST

Date: 06.09.2018

Advertisement for the JRF under the 'DST-Nano Mission Project at Institute of Nano Science and Technology, Mohali

Applications are invited from highly motivated and bright candidates for the position of **Junior Research Fellow** in the following research project funded by DST Nano Mission, Government of India, under the supervision of Dr.Sharmistha Sinha, Principal Investigator, at Institute of Nano Science and Technology, Mohali.

Title of the Project:" *Exploring the shell proteins of BMCPs as potential substrate for fabrication of Organic-Inorganic Hybrid Nanomaterials*".

Name of the position available: Junior Research Fellow

No of Post: One

Duration of Project: Two years

Essential Qualifications:

1. Masters in Biophysics/Biochemistry/Chemistry/Biotechnology/Pharmacy
2. Qualified **any one** of the following:
 - a. CSIR/UGC National Eligibility test or LS
 - b. Graduate Aptitude Test in Engineering(GATE)
 - c. Joint Admission Test (JAM)
 - d. Graduate Pharmacy Aptitude Test (GPAT)
 - e. ICMR-JRF/ICAR-AICE/JEST/JGEEBILS

Age Limit: Not more than 28 years as on 30.10.2018

Emoluments: Rs.25000 + 10% HRA

Brief details of the work to be undertaken: Development of hybrid bio-inorganic materials for varied applications using the coat proteins of bacterial metabolosomes. The work will require expression, purification of recombinant bacterial proteins, their biophysical characterization using spectroscopic, imaging and analytical techniques, and development of functional assays for bioreactors.

Interested candidates are requested to send their applications in the attached format along with their CV to sharmistha.inst@gmail.com and sinhas@inst.ac.in on or before 25th September 2018. The subject should state "**Application for Project JRF**"

General Terms and Conditions: The position is temporary and renewable each year subject to satisfactory performance for a maximum of two years. 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.

Only shortlisted candidates will be communicated to appear for a personal discussion/ interview and no other communications in this regard will be entertained. Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be presented at the time of interview. **A hard copy of the application form along with attested photocopies of age proof/certificates/degrees/mark sheets these documents should be presented at the time of the interview.**

The date, time and venue of the interview will be sent through email. No TA/DA is admissible for attending the interview.

Contact:

Dr.Sharmistha Sinha
Principal Investigator
Scientist D

Institute of Nano Science and Technology,
Mohali, Punjab

Email:sharmistha.inst@gmail.com or sinhas@inst.ac.in

Phone Number: +91-172-2210073/75

URL: <https://sites.google.com/site/ssinhalab/>

Application for the JRF under the 'DST-Nano Mission Project' at Institute of Nano Science and Technology, Mohali

Name of the Applicant:

*Paste recent
passport size
photograph
here*

1. Personal Details

- a. **Date of Birth:**
- b. **Father's Name:**
- c. **Mother's Name:**
- d. **Marital Status:**
- e. **Spouse Name:**
- f. **Address of Correspondence:**

2. Educational Qualifications: (Xth standard onwards)

	Examination	Board/University	Year of Passing	Subjects (Specialization)	Marks/Division	Fellowship (if any)	Comments
1							
2							
3							
4							
5							
6							

3. JRF Status:GATE/CSIR/UGC/INSPIRE/Any other (for any other JRF kindly mention type)

4. Experimental Skills:

5. Project(s) undertaken:

Declaration:

I hereby declare that the information I have provided is true to the best of my knowledge.

Name of the candidate:

Email Address:

Telephone No.: