



DEPARTMENT OF CHEMISTRY
NORTH-EASTERN HILL UNIVERSITY, NEHU PERMANENT CAMPUS,
UMSHING, SHILLONG 793 022 (MEGHALAYA)

Re-Advertisement for the position of Junior Research Fellow (JRF) to work in Chemistry Department for a DST (SERB)-funded research project CRG/2018/000563

Due to the non-receipt of sufficient applications with required qualification, the post is re-advertised again. The candidates who applied earlier are NOT required to send their application again; however, they are advised to write an e-mail stating if they are still interested in the position and willing to attend the interview (**which is expected to be held during the first week of February 2020**), if shortlisted.

Applications are invited for the position of Junior Research Fellow (JRF) in a DST(SERB)-funded research project with following details:

Title of the project: *Photophysical Studies on polypyridyl complexes: Towards the development of nanoscopic fluorescent targets.*

Work component: The whole work of the project involves two principle components: (i) Design, synthesis & characterization of polypyridyl derivatives and their metal complexes; (ii) Studying the photophysical behavior of the synthesized compounds through (time-resolved) fluorescence and phosphorescence techniques.

Principal Investigator: Prof. Dr. S. Mitra

Co-PI: Prof. Dr. K. M. Rao

Name of the position: Junior Research Fellow (01 No)

Essential qualifications: M. Sc. (Chemistry) or equivalent degree with a minimum of 60% aggregate score (6.5 grade points on a scale of 10). For SC/ST category, the candidate must have secured a minimum of 55% aggregate score (6.0 grade points on a scale of 10) in masters' degree. In addition, the candidate must have qualified CSIR-UGC National Eligibility Test JRF-NET including LS/ Graduate Aptitude Test in Engineering (GATE).

Non-NET/GATE candidate can also apply for the same. However, selection of these candidates is subject to the approval of funding authority.

Age limit: The upper age limit is 28 years^[SEP]at the time of appointment.

Fellowship: Rs. 31,000/- per month (plus HRA) for 1st and 2nd Years, and Rs.35,000/-per month (plus HRA) for 3rd Year, shall be applicable only if candidates(s) met educational qualification and eligibility criteria as per DST OM No. SR/S9/Z-08/2018 dated 30.01.2019. However, **Non-NET/GATE candidate may be considered for Rs. 12,000/- per month (plus HRA) as per old norms** (subject to the approval from funding authority).

Duration: Three years or up to the termination of project (whichever comes earlier).

How to apply: Interested candidates must apply in the format attached with this advertisement.

Duly completed application form along with candidate's resume must be mailed to the address given below (advance copy by email in the address s.mitralab@gmail.com) to reach **within 15th January 2020**. Only shortlisted candidates will be called for interview. **The date and time of interview will be intimated via email or through NEHU website**. Shortlisted candidates should appear for interview in person with originals academic transcripts, proof for date birth, Aadhar card and PAN with one set of photocopies of all the documents. **No TA/DA will be paid for attending the interview**. Specific queries, if any, can be addressed to Prof. S. Mitra, Department of Chemistry, NEHU, Shillong (s.mitralab@gmail.com).

The position is available immediately.

The Investigators of the project reserve the right to fill or not fill the JRF position or withdraw the notification at any point of time and in any conflict, the decision of the investigators and Institute (NEHU) will be final.

Note: The candidate selected for the position of JRF will have the option to register for Ph. D. program at the Department of Chemistry, NEHU, Shillong. However, for admission to Ph. D. program, the candidate must follow the prescribed eligibility requirements of the Department/NEHU.

Contact address:

Prof. S. Mitra, Principal Investigator, Department of Chemistry, North-Eastern Hill University, NEHU Permanent Campus, Shillong 793022.

[Application for the position of JRF in a DST(SERB) funded research project]

Passport-size
photograph

| Personal Details | | | |
|-------------------------------------|--|---------------------------|--|
| Name | | | |
| Date of birth DD/MM/YY | | Category Gen/SC/ST/OBC | |
| Marital Status Married/Unmarried | | Gender Male/Female | |
| Nationality | | | |
| Mailing address | | Permanent address | |
| | | | |
| Mobile/Phone no | | | |
| E-mail | | | |

| Education (starting from matriculation) | | | | | | | |
|---|--------|------------|------------------------|-----------------------|------|---------------------|----------|
| S No | Degree | Discipline | University/ College | Regular/ Part-time | Year | % Marks/CGP A | Division |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |

| Qualifying Examinations (CSIR/UGC/NET/GATE/GPAT/Others) | | | | | |
|---|--------|------|-------------|------------|----------------|
| Examination | Branch | Year | Valid up to | Percentile | All India rank |
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| Professional Experiences (Teaching/Research/Industrial) | | | | |
|---|-------------|----------|----|----------------|
| Name of the organization | Designation | Duration | | Nature of work |
| | | From | To | |
| | | | | |
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Research publications

Awards, patents, prizes

Any other relevant information

DECLARATION

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and discipline of the institute.

I note that the decision of the institute is final in regard to selection for admission and assignment to a particular department and field of study. The institute will have the right to expel me from the institute at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the institute is not desirable. I agree that I shall abide by the decision of the institute, which will be final.

Place:

Date:

Signature of the applicant