



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

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**Advertisement for the position of Junior Research Fellow (JRF) to work in the Chemistry Department for ICMR-funded research project No. 67/10/2020-DDI/BMS**

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

**Title of the project:** *Study on anti-Alzheimer activity of coumarin based hybrid drugs: Synthesis and acetylcholinesterase inhibition assay.*

**Work component:** The whole work of the project involves two principal components: (i) Design, synthesis & characterization of coumarin based hybrid cholinergic drugs; (ii) Assaying the AChE inhibition efficiency of the synthesized compounds by high throughput absorption and fluorescence techniques.

**Principal Investigator:** Prof. Dr. S. Mitra

**Name of the position:** Junior Research Fellow (01 No) with immediate availability

**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).**

Candidates with work experience in similar fields of either or both the work components mentioned above will be given preference.

**Fellowship:** The fellowship is valid for **one year (1 yr.)** initially with a fixed salary of Rs. 31,000/- per month (plus HRA as admissible) if candidates(s) met educational qualification and eligibility criteria as per DST OM No. SR/S9/Z-08/2018 dated 30.01.2019.

**Duration:** One year (may be extended further subject to the approval of funding authority)

**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](mailto:s.mitralab@gmail.com)) to reach **within 9<sup>th</sup> May 2022**. 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](mailto: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 an ICMR 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


Professional Experiences (Teaching/Research/Industrial)				
Name of the organization	Designation	Duration		Nature of work
		From	To	

**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