



Department of Chemistry

Advertisement for Junior Research Fellow (JRF)/Project Associate (PA)

Applications are invited from the interested candidates for the post of **Junior Research Fellow (JRF)/Project Associate (PA)** in a three-year project sponsored by the Science & Engineering Research Board purely on temporary basis as per the following details:

Project Position	Junior Research Fellow (JRF)/Project Associate (PA)
Number of Vacancies	01
Title of the Project	Development of triplet emitting d ⁶ -metal complexes containing substituted polypyridine ligands for sensing and catalytic applications.
Funding Agency	Science & Engineering Research Board (SERB)
Principal Investigator	Dr. Snehadrinarayan Khatua, Associate Professor Department of Chemistry, NEHU, Shillong, Meghalaya
Duration of the Project	03 Years
Job Description	The candidate has to design and synthesize different polypyridine ligand systems for making d ⁶ -metal based phosphors with extendable applications in sensing and catalysis.
Essential Qualification	First class MSc in Chemistry with specialization in Inorganic Chemistry and Physics and Mathematics as minor subjects at the BSc level. NET/GATE qualification is desirable but not mandatory. Experience: The candidate should have work experience in the field of Inorganic Photochemistry.
Remuneration	Rs. 37,000/- for NET(JRF) and Rs. 28,000/- per month for others (+ HRA as applicable).
Maximum Age	Age not exceeding 29 years of the date of interview.
Registration for PhD	Selected candidates may be permitted to register for the PhD program of North Eastern Hill University, Shillong subject to fulfilling the requirements of the PhD qualification process as per the institute norms.

How to Apply: Applications along with an updated CV should be sent through mail to snehadri@gmail.com. Shortlisted candidates to be called for the interview which will be held in the **Department of Chemistry, North-Eastern Hill University, Shillong-793022, Meghalaya.**

- Mere possession of minimum qualification does not guarantee an invitation to the interview.
- The candidates have to bring all original testimonials including Marksheets and Certificates to appear for the interview, failing which candidature may not be considered.
- The selected candidate is expected to join immediately upon selection.
- No TA/DA will be paid to the candidates for the interview.

Application Deadline: 14 days from the date of publishing the advertisement.

Sd/- *Snehadrinarayan Khatua*
Dr. Snehadrinarayan Khatua 22/04/24
Principal Investigator (PI)

Dr. Snehadrinarayan Khatua
Associate Professor
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