

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE  
DEPARTMENT OF CHEMISTRY**

Dated: 07<sup>th</sup> August, 2025

**Advertisement for JRF Position in CSIR Funded Project**

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project for a temporary period, purely on contractual basis under the Principal investigator: Dr. Sayanti Chatterjee, Assistant Professor, Department of Chemistry, Indian Institute of Technology Roorkee, as per the following details:	
Position	Junior Research Fellow (JRF)
Number of Vacancy	ONE
Project Title	Bioinspired Catalytic Strategies for Small Molecule Activation Relevant to Sustainable Energy and Environment: A Focus on the Nitrogen Cycle.
Department	Department of Chemistry
Project Tenure	Three Years
Job Description	The JRF is expected to work as a full time research scholar with experience of handling chemicals, synthesis, writing reports, manuscripts, and giving regular presentations.
Essential Qualification	As per CSIR Guidelines for Research Scheme/Sponsored Schemes/ Emeritus Scientist Pl. refer to CSIR-HRDG website: <a href="http://www.csirhrdg.res.in">www.csirhrdg.res.in</a> B.S. 4 years programme /BPharm /Integrated BS-MS/MSc/BE/BTech or equivalent degree in Chemistry/Chemical Sciences, with 55% marks and passing of NET/GATE test with valid score card.
Age Limit	JRF-28Yrs.
Age relaxation	The upper age limit is relaxeable up-to 5years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates.
Fellowship	Junior Research Fellow (JRF)- Rs.37,000/-p.m.

1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email, by post or produce at the time of Interview:
  - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
  - Experience including research, industrial field and others.
  - Attested copies of degree/certificate and experience certificate.

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3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
4. Preference will be given to SC/ST candidates on equal qualifications and experience.
5. Please note that no TA/DA is admissible for attending the interview.

**Note: The selected candidate may get an opportunity for PhD admission.**

**The interview will be held in the Committee Room of the Chemistry Department on August 18<sup>th</sup>, 2025, at 11 am.**

*Sayanti Chatterjee*

डा० सयन्ती चटर्जी / Dr. Sayanti Chatterjee  
सहायक प्रोफेसर / Assistant Professor  
रासायनिक विभाग / Dept. of Chemistry  
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**Tel: +91-1332 285056**

**Name and signature  
of Principal Investigator**

**Email: sayanti.chatterjee@cy.iitr.ac.in**

\*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

APPROVED

*[Signature]*  
Dean  
Sponsored Research & Industrial Consultancy  
Indian Institute of Technology Roorkee  
Roorkee-247 667 (INDIA)

*K Paul*  
08/08/25

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