Central University of Rajasthan
Department of Chemistry
School of Chemical Sciences and Pharmacy
Banadarsindri, Ajmer, Rajasthan-305817

20-Nov-2026

Junior Research fellow (JRF) (01 post)

Applications are invited for **ONE** position of **Junior Research Fellow (JRF)** on contract basis to work on the research project entitled *"Catalytic Upcycling of Plastic Waste Using Oxidized Charcoal-Stabilized Metal-Chalcogenide Nanocomposites"*, funded by **Anusandhan National Research Foundation (ANRF)** Govt. of India under the scheme of Inclusivity Research Grant (File no.: ANRF/IRG/2025/000471/CS)

Principle Investigator (PI): **Dr. Partha Roy (PI),** Department of Chemistry.

Details of the post are as below:

Scope of work	Essential Qualification	Desirable Qualification
• Synthesis and characterization metal–chalcogenide nanomaterials using advanced techniques, e.g. SEM, TEM, NMR, Powder XRD, XPS etc. • Utilize these nanomaterials for plastic waste upcycling.	• M.Sc. Degree in Chemistry/Material Science/Nanotechnology or equivalent degree graduates from reputed University/Institute with minimum 55% or equivalent CGPA. • GATE or UGC/CSIR-NET.	• Knowledge of material science, nanocatalysts, metal-ligand reaction mechanisms. • Experience in analytical techniques such as NMR, SEM, XRD etc. will be advantage. • Good analytical and communication skills.

Fellowship: ₹37,000 per month for first two years and **₹42,000** per month for third year plus HRA as applicable.

Duration: 01 Year (extendable to additional 2 years or till the end date of the project, subject to satisfactory performance)

Place of work: Central University of Rajasthan (CURaj), Rajasthan, India

How to apply: Interested candidates are requested to send their **CV** and educational certificates (10th class onwards) to the Principal Investigator (PI) (Dr. Partha Roy) via email (partharoy@curaj.ac.in) on or before **December 13, 2026**. Date of Interview will be notified separately. Only shortlisted candidates will be entitled for the interview. **The interviews will be held in Department of Chemistry, Central University of Rajasthan Campus**. No TA/DA will be given to the candidate participating in the interview. In the event of offering the appointment letter to the selected candidate, the candidate must join in-person at Central University of Rajasthan for the fellowship to be effective. Notably, original mark sheets and relevant certificates of educational qualification of the selected candidate will be verified prior to offering the position.

Dr. Partha Roy
(Principal Investigator)
Department of Chemistry