राजस्थान केन्द्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF RAJASTHAN

Category – I University status by UGC, New Delhi, (NIRF Rank-89)

Applications are invited for the following assignment in a purely time-bound **ANRF PAIR** project. The **Junior Research Fellow** (JRF) position is initially for one year, but extendable to 5 yrs based on performance in the project depends on the release and availability of the funds.

Project title: Dynamic research ecosystem for advanced materials (DREAMs)" funded by ANRF, Sanction no: **ANRF/PAIR/2025/000006/PAIR-A** dated 20-09-2025.

This project has been sanctioned with 6 JRFs with salary @ Rs. 37,000/- + HRA as applicable by ANRF/university rules subsequently be promoted to SRF based on the performance and eligibility. **The project involves multidisciplinary and interdisciplinary aspects of research on bioenergy, biosensors, electronics, biorefinery, materials, biotechnology, nanotechnology, sustainable-renewable chemistry and computational chemistry.**

Project Title: Dynamic research ecosystem for advanced materials (DREAMs)" sanction no: **ANRF/PAIR/2025/000006/PAIR-A** dated 20-09-2025 Tenure of the Project: 5 years		
Component title/ : subproject title/ task	**No. of JRF positions and Code of the post**	**Eligibility**
IRG-3 - Component 1- DREAM (Dr. Shailesh Kumar Patidar)	1 (APCURAJ 1)	M.Sc. in Environmental Science, Biotechnology, Microbiology, Botany or any branch of life science with ≥ 55% or equivalent CGPA from a recognized university/institute as per UGC norms. The candidates must have qualified CSIR/UGC NET including lectureship (LS) and/or GATE or equivalent Examination. Candidates with knowledge in algal biotechnology or metabolomics or bioprocessing may be preferred.
IRG-3 -Component 2- (Dr. Dipak Gayen)- DREAM	1 (APCURAJ 2)	M.Sc. in Biochemistry, Biotechnology, Botany or any branch of life science with ≥ 55% or equivalent CGPA from a recognized university/institute as per UGC norms. The candidates must have qualified CSIR-UGC NET including lectureship (LS) and/or GATE or equivalent examination. Candidates with knowledge in Plant/algal molecular and biotechnology may be preferred
IRG-2 -Component 1- (Dr. Kapil Saraswat)- DREAM	1 (APCURAJ 3)	ME/M.Tech in Electronics and Communication Engineering or allied areas, OR B.Tech from CFTI with valid Gate Score, OR M.Sc. in Physics (major in Electronics or allied areas) Or Electronics with ≥ 55% or equivalent CGPA from a recognised university/institute as per UGC norms. The candidates must have qualified CSIR-UGC/UGC NET, including lectureship (LS) and/or GATE or equivalent examination. Candidates with knowledge in EM Simulation, Programming, Device Fabrication, Metasurface Simulation may be preferred

IRG-2 Component 2- (Dr. Rajan Singh & Dr. Yugandhar Bitla)- DREAM	1 (APCURAJ 4)	M.Sc. in Physics with ≥ 55% or equivalent CGPA from a recognised university/institute as per UGC norms OR B.E./B.Tech from CFTI. The candidates must have qualified CSIR-UGC NET/GATE/ equivalent examination. Candidates with knowledge in Materials science, Solid State Physics, sample synthesis and magnetism may be preferred
IRG-3-Component 3- - DREAM, Dr. Pankaj Gupta & Dr. Shailesh Kumar Patidar	1 (APCURAJ 5)	M.Sc. in Chemistry, Biochemistry, Biotechnology, or any branch of chemical or life science with ≥ 55% or equivalent CGPA from a recognized university/institute as per UGC norms. The candidates must have qualified CSIR-UGC NET including lectureship (LS) and/or GATE or equivalent examination.
IRG- 2/ 3-Component DREAM- Dr. Rajgopala Reddy Seelam	1 (APCURAJ 6)	**Essential:** M.Sc. in Chemistry/Physical Chemistry (minimum 55% or equivalent CGPA). Qualification of National Eligibility Tests such as CSIR-UGC NET including lectureship or GATE. **Desirable:** 1. Working experience in the area of theoretical or computational chemistry or theoretical molecular spectroscopy. 2. Experience in modelling excited states using multi-reference methods 3. Experience in modelling ultrafast quantum nuclear dynamics

For technical information on the project, the candidate may contact the Principal Investigator (PI), – **Dr. Shailesh Kumar Patidar** (**shailesh.patidar@curaj.ac.in**), Department of Environmental Science; and (Co-PIs): Dr. Dipak Gayen (dipak.gayen@curaj.ac.in) , Dr. Kapil Saraswat (kapils@curaj.ac.in) , Dr. Rajan Singh (rajan.singh@curaj.ac.in) , Dr. Yugandhar Bitla (y.bitla@curaj.ac.in) , & Dr. Rajgopala Reddy Seelam (rajagopala.seelam@curaj.ac.in) Central University of Rajasthan.

Eligible and interested candidates should send their CV along with scanned original documents in a single PDF directly to the email: **anrfpaircuraj@gmail.com** and fill the Google form up to date – **15.12.2025 (extended)**. The candidates must fill out the Google form at the following link wherein files may be attached. Google form link: **https://shorturl.at/VkHZC**

The eligible candidates, after screening, will be informed to attend an interview conducted by the Central University of Rajasthan. No TA/DA will be paid for attending the interview.

Note: The email should be sent with the subject line "Application for JRF *(post code)* in ANRF-PAIR Funded Project."

Dr. Shailesh Kumar Patidar,
(PI)