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 subjected to 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 within the three weeks from the date of advertisement. 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)