राजस्थान केन्द्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF RAJASTHAN

ADV. NO: CURAJ/ECE/KS/ISRO-RESPOND/01 Dated: 23-11-2026

Applications are invited from interested and motivated candidates for the following assignment in a purely time-bound research project undertaken in the Department of Electronics and Communication Engineering of the Central University of Rajasthan.

1	**Name of the Temporary Post**	**Junior Research Fellow – 01**
2	**Name of the Sponsoring Agency**	ISRO
3	**Title of the Research Project**	"RES-SAC-2024-029: Development of a MATLAB tool for antenna diagnostics using amplitude only field measurement and source reconstruction method"
4	**Tenure of the Assignment**	Initially one year, extendable by a further year subject to satisfactory performance, up to a maximum of two years.
5	**Job Description**	Implementation of algorithms for amplitude-only field measurement and source reconstruction using MATLAB, Python, C, or C++.
6	**Consolidated monthly compensation / Fellowship**	Rs. 37000 + HRA (as per rules) for JRF
7	**Essential Qualifications**	• Candidates must satisfy one of the following criteria and must have a valid NET-JRF/GATE/NET/Others: • M.Tech./M.E. or an equivalent degree in RF and Microwave Engineering, Electronics and Communication Engineering, Electrical Engineering, Instrumentation, or a related field. • A four-year bachelor's degree or a five-year integrated degree in Electronics and Communication Engineering, Electrical Engineering, Instrumentation, or a related field. • PG Degree in Basic Science OR Graduate/Post Graduate Degree in Professional Course selected through a process described through any one of the following: (a) Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.
8	**Desirable Qualifications/ Experiences**	• Strong academic background in electromagnetics and RF and microwave engineering. • Knowledge of electromagnetic simulation software, such as CST Studio Suite, Ansys Electronics Desktop, or MATLAB Antenna Toolbox. • Familiarity with antenna measurement techniques and equipment, including anechoic chambers and vector network analysers (VNAs). • Programming skills in Fortran, C/C++, Python, or MATLAB.
9	**Accommodation**	Accommodation in the University hostel may be provided subject to availability.

For technical information on the project, the candidate may contact the Principal Investigator (PI) of the project, **Dr. Kapil Saraswat (kapils@curaj.ac.in)**, Department of Electronics and Communication Engineering, Central University of Rajasthan.

Eligible and interested candidates must

1) Send their complete bio-data and copies of the certificates/documents (10th, marksheet, 12th marksheet, UG marksheet, PG marksheet (if available), GATE/NET score card (if available)) as a single PDF file via email to the PI of the project on or before 08-12-2026 The subject of the email should be: "**Application for the position of JRF under ISRO-RESPOND Project**".

2) Selected candidates will be called for an interview at the Department of Electronics and Communication Engineering, Central University of Rajasthan, which can be in **Offline/Online** mode, the date of which will be informed to the selected candidates. No TA/DA will be paid for attending the interview.

3) The tenure of the selected candidate will be initially for one year. This can be further extended to one year based on satisfactory performance.

Candidates may please note the following:

1. Priority will be given to candidate eligible for JRF.

2.The scrutiny committee will have the right to put any screening criteria in case large numbers of applications are received.

3. The committee also reserves the right not to select any candidate/offer a lower post in case candidates are not found suitable for the applied post.

4. Candidates will be shortlisted for the interview based on merit.

5. Shortlisted candidates will be informed only by e-mail/Mobile. No separate letter will be issued for the interview. Candidates should appear for the interview along with their original certificates, documents.

6. No TA/DA will be provided to the candidates for attending the interview. Calling for interview is not a guarantee for selection.

7. No communications will be entertained for being called/ not- called and/or selected/ not selected for the advertised position.

For any other information/clarifications, the applicants may contact the Principal Investigator:

Address:

Dr Kapil Saraswat
Assistant Professor
Department of Electronics and Communication Engineering
Central University of Rajasthan 305817, Ajmer, Rajasthan, INDIA

Dr. Kapil Saraswat (PI)
CU Rajasthan, Ajmer