



जम्मू केंद्रीय विश्वविद्यालय Central University of Jammu

राया-सुचानी (बागला), जिला: सांबा - 181143, जम्मू-कश्मीर, भारत
Rahya-Suchani (Bagla), District: Samba – 181143, Jammu & Kashmir, India

Ref. No. CUJ/SDCSS/2025/185

Aug 28, 2025

Advertisement-01 JRF Positions

Applications are invited from eligible candidates for the following research positions five (05) on temporary basis under **Satish Dhawan Centre for Space Sciences, Central University of Jammu** for a period of one year which can be further extended based on the performance of the candidate in the periodical reviews, for a maximum period of three (03) years in total:

Post Code No.	Name of the Post	Discipline	No. of Post	Essential Qualification	Job Profile/ Desired Credentials
JRF-01	Junior Research Fellow	Electronics and Communication	01	B.E./B.Tech. and M. Tech/M.E. in Electronics and Communication Engineering and other allied branches of Electronics Engineering / Computer Science or equivalent streams with GATE/NET Ph.D.-qualified candidates will be preferred.	<ul style="list-style-type: none">Developing the rockets with the full proof deployment system.To develop our own communication system and build our own ground station to communicate with satellites.To design and develop a working satellite model to examine and develop our knowledge.To design and develop high-quality components to be used in the satellite.To develop a series of model satellites and rockets also keep on improving the performance of the satellite.
JRF-02	Junior Research Fellow	Electronics and Communication (Avionics)	01	B.E./B.Tech. and M. Tech/M.E. in Electronics and Communication Engineering and other allied branches of Electronics Engineering / Computer Science or equivalent streams with First Class in both degrees and GATE/ NET. Ph.D.-qualified candidates will be preferred.	<ul style="list-style-type: none">To study the different sub-system used in satellite and rockets.Experimental launching of AMATEUR ROCKETS.Working Experience in SATCOM Applications/ SATCOMTechnology/ Tele- Communication/ Mobile Communication/ Wireless and Microwave Communication

JRF-03	Junior Research Fellow	Remote Sensing and GIS	01	B.E./B.Tech in Remote Sensing/ Geo-informatics or equivalent with GATE. Or M.Sc in Remote Sensing /Geology/Environmental Sciences from a recognized university with degree/diploma in Remote Sensing and Geographic Information System having CSIR-UGC NET or GATE (Minimum 60% or equivalent CGPA in M.Sc./B.Tech.).	Working experience in application of Microwave remote sensing, Hyperspectral Remote Sensing, LIDAR data analysis, programming knowledge in MATLAB, FORTRAN PYTHON in the field of disaster management support. Knowledge of handling ArcGIS, ERDAS software.
JRF-04	Junior Research Fellow	Materials Science	01	M.Sc./M.Tech. (Preferably in Physics, Chemistry, Materials Science or equivalent stream) with exposure to solid state physics, condensed matter physics and having GATE/NET. Ph.D.-qualified candidates will be preferred.	Programming experience in SCILAB, MATLAB, Python, C/C++ and/or Bash. Familiarity with Linux operating system (any flavors) is also recommended. Working experience in the field of computational materials science and ab initio electronic structure calculations would be a plus point. The work is based on computational study of thermal transport properties at nano-scale in materials interesting for thermal barrier coating applications.
JRF-05	Junior Research Fellow	Materials Science	01	M.Sc./ M.Tech. in Physics/ Materials Science/ EVS/ Atmospheric Science/ Meteorology/Climate Science/ Geophysics with Meteorology/ Remote Sensing having CSIR-UGC GATE/NET. Ph.D.-qualified candidates will be preferred.	<ul style="list-style-type: none"> Experiences in Handling High end instruments Working knowledge of materials synthesis

Other Information:

PhD Opportunity (for NET/ GATE qualified)	JRF candidates elected for this position will have the opportunity to register for a regular Ph.D. program in CUJ provided JRF satisfies the eligibility criteria for the same.
Stipend	First two years Rs. 37,000/-per month + HRA (as per CU Jammu norms) and Third year Rs. 42,000/-per month + HRA
Nature of post	The post is on contract basis up to a maximum period of three years subject to satisfactory performance evaluation every year.
Mode of Application	Interested candidates are requested to appear in walk-in interview scheduled on 09th September ,2025 (Tuesday) along with Self Attested Enclosures (CV, Marksheets, Degree certificates, NET/ GATE score card, Caste certificate if applicable and any other relevant documents) as a SINGLE PDF FILE through email to the Principal Investigator before the deadlines.
Important Dates and venue	Walk-in interview scheduled on : 09th September, 2025 (Tuesday) Venue: Committee Room, DDE building, Central University of Jammu Time: 11 am <ul style="list-style-type: none"> The selected candidate will be expected to join at the earliest.

Correspondence Address	The Registrar, Central University of Jammu Rahya-Suchani (Bagla) Distt : Samba-181143. J&K, India Mobile: +91 9419904016 Alt. email: office.cif@cuammu.ac.in ; office.sdcss@cuammu.ac.in
NOTE	The decision of the Hon'ble Vice Chancellor, CU Jammu will be final in all respects.

-Sd/-
Registrar,
Central University of Jammu



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www.cujammu.ac.in

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Advertisement-2

Research Associates (RA) Positions

Applications are invited from eligible candidates for the following positions (three) on temporary basis under **Satish Dhawan Centre for Space Sciences, Central University of Jammu** for a period of one year which can be further extended based on the performance of the candidate in the periodical reviews, for a maximum period of 03 (three) years in total or co-terminus with the project, whichever is earlier:

Post Code No.	Name of the Post	Discipline	No. of Post	Essential Qualification	Desired Credentials/ Job Profile
RA-01	Research Associate	Electronics and Communication	01	B.Tech , M.Tech and Ph.D. degree in Electronics and Communication Engineering and other allied branches of Electronics Engineering /Avionics/ Computer Science or equivalent streams areas related to RF/Microwave Engineering. Or having 3 years of research, teaching and design and development experience after M.E./M.Tech. with at least one research paper in Science Citation Indexed (SCI) journal.	<ul style="list-style-type: none">• Very strong expertise in advanced signal processing for wireless and/or satellite communication systems.• Very good understanding of the theoretical and practical aspects of state-of-the-art physical layer and MIMO systems.• Very good understanding of state-of-the-art transmitter and receiver architecture in wireless communications.• Excellent track record of publications in highly ranked journals and conferences in at least one of the above fields.• Participating to the teaching activities

RA-02	Research Associate	Mechanical	01	<p>Ph.D. in Mechanical / Aerospace Engineering (with specialization relevant to Avionics systems, e.g., flight dynamics, structural design, thermal systems, vibration analysis, aerodynamics).</p> <p>Or</p> <p>M.Tech./M.E. in Mechanical / Aerospace Engineering with at least 3 years of research, teaching, or industry experience in aerospace/avionics-related projects.</p>	<ul style="list-style-type: none"> Experience in: Thermal and structural design of avionics packages, enclosures, and payload systems. Vibration, shock, and fatigue testing of avionics/mechanical systems. CFD and heat transfer analysis for cooling of avionics systems in aerospace applications. Work on UAVs, CanSat, Rockets, or Satellite bus structures. Knowledge of: Integration of avionics with propulsion, structures, and payloads.Space environment simulation (thermal vacuum chambers, vibration tables, wind tunnel testing). Reliability engineering and standards such as MIL-STD, ECSS, or ISRO/DRDO guidelines. Other Skills: Hands-on exposure to prototype development, additive manufacturing, or composite structures.Project management and ability to work in a multi-disciplinary aerospace/avionics team. Participating to the teaching activities Excellent track record of publications in highly ranked journals and conferences in at least one of the above fields.
RA-03	Research Associate	Materials Science	01	<p>Applicants must hold a M.Sc. degree in Physics/Materials Sciences/ EVS/ Atmospheric Science/ Meteorology/ Climate Science/Geophysics with Meteorology and Ph.D. in concerned or allied subject.</p> <p>Or</p> <p>having 3 years of research, teaching and design and development experience after M.Sc./M.Tech. with at least one research paper in Science Citation Indexed (SCI) journal.</p>	<ul style="list-style-type: none"> Experiences in Handling High end instruments Working knowledge of materials synthesis

Other Information:

Stipend	Rs. 58,000/- per month + HRA (as per CU Jammu norms)
Nature of post	The post is on contract basis up to a maximum period of three years subject to satisfactory performance evaluation every year.

Role of RA	<ul style="list-style-type: none"> Propose and develop models and algorithms (Artificial Intelligence, Machine Learning, etc.) in order to meet the projects demands Work closely with project's stakeholders Shaping research directions and producing results Attracting funding in cooperation with industrial partners Participating in proposal writing Coordinating research projects and delivering outputs Disseminating results through scientific publications Providing guidance to PhD and MSc students Participating to the teaching activities Providing support in setting up and running experiments in space related laboratory
Mode of Application	Interested candidates are requested to appear in walk-in interview scheduled on 09th September, 2025 (Tuesday) along with Self Attested Enclosures (CV, Marksheets, Ph.D. /Degree certificates, Publications/ NET/ GATE score card, Caste certificate if applicable and any other relevant documents.
Important Dates and venue	Walk-in interview scheduled on : 09th September, 2025 (Tuesday) Venue: Committee Room, DDE building, Central University of Jammu Time: 11 am <ul style="list-style-type: none"> The selected candidate will be expected to join at the earliest.
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NOTE	The decision of the Hon'ble Vice Chancellor, CU Jammu will be final in all respects.

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Registrar,
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Application Form

1	Advertisement No.		
2	Name of the Post applied for		Recent Photograph
3	Name of the applicant (in Block Letters):		
4	Father's / Spouse's Name:		
5	Date of Birth:		
6	Domicile:		
7	Nationality:		
8	Aadhar Number:		
9	Permanent address (with PIN Code):		
10	Postal address (with PIN Code)		
11	Telephone/Mobile No		
12	E-mail:		

13. Education qualification:

S. No.	Class/ Degree	Subjects	Year of Passing	University/ Institute	Percentage/ CGPA	Division/ Grade
1						
2						
3						
4						
5						

14. Total experience relevant to the post applied for (in years and months) *:

(*copies of the certificates to be attached)

15. Total employment experience and details (in years and months) *:

S. No.	Organization/Institute	Position	Period (From –To)	Nature of work
1				
2				
3				

(*Attested copies of the certificates to be attached)

16. NET/GATE or other equivalent qualified exam :

17. In case of selection, minimum time required to join the post:

18. Any other information (can attach latest CV separately):

Declaration: I hereby affirm that the information given in the application is true and correct. I also fully understand that, if at any stage, it is discovered that any attempt has been made by me to willfully conceal or misrepresent the fact, my candidature may summarily be rejected or employment terminated.

Place:

Date:

[Signature of Applicant]