



# 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/2022/117

July 08, 2022.

## Re-Advertisement JRF Positions

Applications are invited from eligible candidates for the following research positions five (5) 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:

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 (Student satellite/ Avionics)	01	B.E./B.Tech. in Electronics and Communication Engineering and other allied branches of Electronics Engineering / Computer Science or equivalent streams with First Class in both degrees and have Qualified GATE in the past. Candidates, whose B.E./B.Tech. results are awaited, can also apply subject to conditions. They will have to submit the result of at the time of joining.	<ul style="list-style-type: none"><li>• Developing the rockets with the full proof deployment system.</li><li>• To develop our own communication system and build our own ground station to communicate with satellites.</li><li>• To design and develop a working satellite model to examine and develop our knowledge.</li><li>• To design and develop high-quality components to be used in the satellite.</li><li>• To develop a series of model satellites and rockets also keep on improving the performance of the satellite.</li></ul>

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 have Qualified GATE in the past having GATE score (Minimum 60% or equivalent CGPA in B.Tech.).	<ul style="list-style-type: none"> <li>To study the different sub-system used in satellite and rockets.</li> <li>Experimental launching of AMATEUR ROCKETS.</li> <li>Working Experience in SATCOM Applications/ SATCOM</li> <li>Technology/ Tele-Communication/ Mobile Communication/ Wireless &amp; Microwave Communication</li> </ul>
JRF-03	Junior Research Fellow	Remote Sensing and GIS	01	B.E./B.Tech in Remote Sensing/ Geo-informatics or equivalent with GATE .  <b>OR</b> 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	Material Sciences		M.Sc./M.Tech (Preferably in Physics, Chemistry, Materials Science or equivalent stream) with exposure to solid state physics, condensed matter physics and some having CSIR-UGC NET or GATE (Minimum 60% or equivalent CGPA in M.Sc./M.Tech.).	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	Atmospheric Sciences	M.Sc./M.Tech. in Atmospheric Science/Meteorology/Climate Science/Geophysics with Meteorology/Remote Sensing having CSIR-UGC NET or GATE (Minimum 60% or equivalent CGPA in M.Sc./M.Tech.).	<ul style="list-style-type: none"> <li>Experiences in setting and running mesoscale WRF Model.</li> <li>Working knowledge of UNIX, Shell Scripting, Fortran, GrADS, CDO, NCL, R</li> </ul>

**Other Information:**

<b>PhD Opportunity (for NET/ GATE qualified)</b>	JRF candidate selected 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.
<b>Stipend</b>	First two years Rs 31,000/- per month + HRA (as per CU Jammu norms) and Third year Rs. 35,000/- per month +HRA
<b>Nature of post</b>	The post is on contract basis upto a maximum period of three years subject to satisfactory performance evaluation every Six months.
<b>Mode of Application</b>	Interested candidates are requested to <b>submit duly filled application form in the format</b> (available online on the institute website <a href="http://www.cujammu.ac.in">www.cujammu.ac.in</a> ) <b>along with Self Attested Enclosures</b> (CV, Marksheets, Degree certificates, NET/ GATE score card, Caste certificate if applicable and any other relevant documents) <b>as a SINGLE PDF FILE</b> through email to the Principal Investigator before the deadlines.
<b>Important Dates</b>	<p><b>Submission Deadline for Application Form: 25<sup>th</sup> July, 2022.</b></p> <ul style="list-style-type: none"> <li>Shortlisted candidates will be called for written test and/or interview at a later date which will be intimated by Email.</li> <li>The selected candidate will be expected to join at the earliest.</li> </ul>
<b>Correspondence Address</b>	Dr. Vinay Kumar Convener, Satish Dhawan Centre for Space Sciences Central University of Jammu Rahya-Suchani (Bagla) Distt : Samba-181143. J&K, India Mobile: +91 9419904016 Alt. email: <a href="mailto:vinay.phy@cuammu.ac.in">vinay.phy@cuammu.ac.in</a>
<b>NOTE</b>	The decision of the <b>Hon'ble Vice Chancellor, CU Jammu</b> will be final in all respects.

**-Sd/-**

Dr. Vinay Kumar  
Convener,

Satish Dhawan Centre for Space Sciences  
Central University of Jammu

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