



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/2022/107

June 15, 2022.

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">• 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 have Qualified GATE in the past having GATE score (Minimum 60% or equivalent CGPA in B.Tech.).	<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/ SATCOM Technology/ Tele-Communication/ Mobile Communication/ Wireless & 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	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"> Experiences in setting and running mesoscale WRF Model. Working knowledge of UNIX, Shell Scripting, Fortran, GrADS, CDO, NCL, R

Other Information:

PhD Opportunity (for NET/ GATE qualified)	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.
Stipend	First two years Rs 31,000/- per month + HRA (as per CU Jammu norms) and Third year Rs. 35,000/- per month +HRA
Nature of post	The post is on contract basis upto a maximum period of three years subject to satisfactory performance evaluation every Six months.
Mode of Application	Interested candidates are requested to submit duly filled application form in the format (available online on the institute website www.cujammu.ac.in) 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	<p>Submission Deadline for Application Form: 30th June, 2022.</p> <ul style="list-style-type: none"> Shortlisted candidates will be called for written test and/or interview at a later date which will be intimated by Email. The selected candidate will be expected to join at the earliest.
Correspondence Address	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: vinay.phy@cuammu.ac.in
NOTE	The decision of the Hon'ble Vice Chancellor, CU Jammu will be final in all respects.

-Sd/-

Dr. Vinay Kumar
Convener,

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