



# 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  
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Aug 28, 2025

## 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.<br>Or<br>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"><li>• Very strong expertise in advanced signal processing for wireless and/or satellite communication systems.</li><li>• Very good understanding of the theoretical and practical aspects of state-of-the-art physical layer and MIMO systems.</li><li>• Very good understanding of state-of-the-art transmitter and receiver architecture in wireless communications.</li><li>• Excellent track record of publications in highly ranked journals and conferences in at least one of the above fields.</li><li>• Participating to the teaching activities</li></ul> |
| RA-02         | Research Associate | Mechanical                    | 01          | Ph.D. in Mechanical / Aerospace Engineering (with specialization relevant to Avionics systems, e.g., flight dynamics, structural design, thermal systems, vibration analysis, aerodynamics).<br>Or<br>M.Tech./M.E. in Mechanical / Aerospace Engineering with at least 3 years of research, teaching, or industry experience in aerospace/avionics-related projects.                                               | <ul style="list-style-type: none"><li>• Experience in:<br/>Thermal and structural design of avionics packages, enclosures, and payload systems.<br/>Vibration, shock, and fatigue testing of avionics/mechanical systems.<br/>CFD and heat transfer analysis for cooling of avionics systems in aerospace applications.<br/>Work on UAVs, CanSat, Rockets, or Satellite bus structures.</li><li>• Knowledge of:<br/>Integration of avionics with propulsion, structures, and payloads. Space</li></ul>                                                                                                |

|       |                    |                   |    |                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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|       |                    |                   |    |                                                                                                                                                                                                                                                                                                                                                                                                    | <p>environment simulation (thermal vacuum chambers, vibration tables, wind tunnel testing). Reliability engineering and standards such as MIL-STD, ECSS, or ISRO/DRDO guidelines.</p> <ul style="list-style-type: none"> <li>• Other Skills:<br/>Hands-on exposure to prototype development, additive manufacturing, or composite structures. Project management and ability to work in a multi-disciplinary aerospace/avionics team.</li> <li>• Participating to the teaching activities</li> <li>• Excellent track record of publications in highly ranked journals and conferences in at least one of the above fields.</li> </ul> |
| 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"> <li>• Experiences in Handling High end instruments</li> <li>• Working knowledge of materials synthesis</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

### Other Information:

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| <b>Stipend</b>             | Rs 58,000/- per month + HRA (as per CU Jammu norms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Nature of post</b>      | The post is on contract basis upto a maximum period of three years subject to satisfactory performance evaluation every year.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Role of RA</b>          | <ul style="list-style-type: none"> <li>• Propose and develop models and algorithms (Artificial Intelligence, Machine Learning, etc.) in order to meet the projects demands</li> <li>• Work closely with project's stakeholders</li> <li>• Shaping research directions and producing results</li> <li>• Attracting funding in cooperation with industrial partners</li> <li>• Participating in proposal writing</li> <li>• Coordinating research projects and delivering outputs</li> <li>• Disseminating results through scientific publications</li> <li>• Providing guidance to PhD and MSc students</li> <li>• Participating to the teaching activities</li> <li>• Providing support in setting up and running experiments in space related laboratory</li> </ul> |
| <b>Mode of Application</b> | Interested candidates are requested to appear in walk-in interview scheduled on <b>04<sup>th</sup> September, 2025 (Thursday)</b> along with <b>Self Attested Enclosures</b> (CV, Marksheets, Ph.D. /Degree certificates, Publications/ NET/ GATE score card, Caste certificate if applicable and any other relevant documents.                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Important Dates and venue</b> | <b>Walk-in interview on scheduled on : 04<sup>th</sup> September, 2025 (Thursday)</b><br><b>Venue: Committee Room, DDE building, Central University of Jammu</b><br><b>Time: 10:00 am</b> <ul style="list-style-type: none"> <li>The selected candidate will be expected to join at the earliest.</li> </ul> |
| <b>Correspondence Address</b>    | The Registrar,<br>Central University of Jammu<br>Rahya-Suchani (Bagla) Distt : Samba-181143. J&K, India<br>Mobile: +91 9419904016<br>Alt. email: <a href="mailto:office.cif@cuammu.ac.in">office.cif@cuammu.ac.in</a> ; <a href="mailto:office.sdcss@cuammu.ac.in">office.sdcss@cuammu.ac.in</a>             |
| <b>NOTE</b>                      | The decision of the Hon'ble Vice Chancellor, CU Jammu will be final in all respects.                                                                                                                                                                                                                         |

**-Sd/-**  
Registrar,  
Central University of Jammu