Job Description: Research Engineer, IIIT Delhi Space Technology Centre

Position: Research Engineer

Centre: IIITD Space Technology Centre (ISTC)

Location: IIIT Delhi Campus, New Delhi

Contract Duration: 1 Year (Full-time) [can be extended up to 3 years based on performance]

Compensation: Consolidated salary in the range of ₹5.4 LPA to ₹7.2 LPA, commensurate with experience and qualifications.

About the Centre

The IIITD Space Technology Centre (ISTC) is a multi-disciplinary centre for research, development, and education in space technology. We focus on cutting-edge research in areas such as GNSS, Space Situational Awareness (SSA), Robotics, AI, RF and Embedded Systems for space applications. We are seeking a highly motivated and organized Research Engineer to join our team and manage the Centre's core technical and operational activities.

Key Responsibilities

The selected candidate will be integral to the smooth functioning of the Centre's operations and will be responsible for:

1. **Equipment and Inventory Management:**
   - Maintain a complete and updated inventory of all Centre equipment, software licenses, and assets.
   - Manage equipment check-in/check-out for research staff and students.
   - Oversee regular maintenance, calibration, and repair schedules for critical hardware.
2. **Optical Ground Station Operations:**
   - Manage the day-to-day operations of the ISTC's optical ground station.
   - Ensure the station is operational, schedule observation times, and provide technical support to research teams.
   - Troubleshoot and resolve any technical issues related to the ground station hardware and software.
3. **Procurement Management:**
   - Lead the end-to-end procurement process for the Centre.
   - Collaborate with research staff to define clear technical specifications for required equipment and software.
   - Manage the process of gathering quotations, conducting technical comparisons, and communicating with vendors.

○ Act as the primary liaison between the Centre, vendors, and the institute's purchase department to ensure timely and compliant procurement.

Required Qualifications and Skills

Minimum Qualifications:

- BE/B.Tech in Aerospace Engineering, Electronics and Communication Engineering (ECE), Computer Science (CS), or a related field.

Maximum age limit for application: 35 years

Essential Skills:

- **Excellent Computer Skills:** High proficiency in standard office software (e.g., Google Workspace, MS Office).
- **Technical Proficiency:** Demonstrable experience with version control (Git) and programming languages (Python/C++).
- **Strong Organizational Skills:** Ability to manage multiple tasks, maintain meticulous records, and handle complex logistical processes.
- **Communication Skills:** Strong written and verbal communication skills for interacting with internal teams, vendors, and administrative departments.

Desired Skills (Preferred but not mandatory):

- Prior experience in lab management, procurement, or operations.
- Hands-on experience with optical or RF hardware.
- Familiarity with a research or academic environment.

Application Process

How to Apply:

To apply, fill the form here: https://forms.gle/jy4rT7dH39vzH1kg7

Application Deadline: Jan 5, 2026

About IIIT Delhi: IIIT-Delhi is accelerating on the path of becoming one of the leading comprehensive research-led teaching institutes in India and has proven to be consistently responsive towards the evolving needs of society. The faculty members at IIIT-Delhi are among the finest in the country and are internationally recognized. Carrying out cutting-edge research is in the institutional DNA of IIIT-Delhi.