



भारत सरकार / Government of India  
अंतरिक्ष विभाग / Department of Space  
भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान  
INDIAN INSTITUTE OF SPACE SCIENCE AND TECHNOLOGY  
वलियमला पोस्ट / Valiamala PO, तिरुवनंतपुरम / Thiruvananthapuram-695 547

Indian Institute of Space Sciences and Technology (IIST) invites application for the following project positions to work in the research projects:

Category No.	Project Title	Educational Qualification/Skill	Consolidated monthly remuneration	No. of positions
<b>PROJECT FELLOW</b>				
Project Fellow-01/2024	Giant-Magneto-Resistance Eddy-Current Probes and Linearized Digitizing Electronic Systems for Non-Destructive Evaluation of Metallic Specimens	M.Tech	₹22,000/-	01
Project Fellow-02/2024	Novel high power integrated battery chargers for electric cars and e-bikes	B. Tech in Electrical Engineering, Electronics and Communication Engineering, Electronics and Instrumentation or related areas Or Post-graduation (ME/M.Tech) in Power Electronics or related areas.  Candidate can register for PhD at IIST during next admission cycle if PhD qualification requirements are met by the candidates.  Desired Experience: Project experience in electronic hardware building/power electronics project  Preferable Experience/exposure: Embedded C, coding with micro-controllers, DSP and FPGAs for real-time control applications	₹22,000/-	01
<b>JUNIOR PROJECT FELLOW</b>				
JPF-10/2024	SSPACE – Activities	Minimum Qualification; - BE/BTech in Electronics and Communication Engineering/ Avionics related areas.	₹28000/-	01

		Desirable: Knowledge of circuit design, PCB layout design, testing & debugging of electronics, embedded systems development, data analysis of scientific data from the payload etc		
JPF-II/2024	Near and Far-field Diagnostics for HET	<p>B. E / B.Tech in Electronics and Communication Engineering / Avionics related areas</p> <p>Desirable: Knowledge of circuit design, PCB layout design, testing; debugging of electronics, embedded systems development etc.</p> <p>Desired Experience: Knowledge of circuit design , PCB layout design, testing; debugging of electronics, embedded systems development, etc..</p>	₹28000/-	01
<b>JUNIOR RESEARCH FELLOW</b>				
JRF-05/2024	Development of novel numerical techniques for miscible displacement problems in porous media	M.Sc in Mathematics/ Applied Mathematics or MS in Mathematics or equivalent. Desired Experience: Experience in Computer Programme. Good knowledge of Mathematical Software such as PYTHON and MATLAB etc. Preferable Experience: Good knowledge in numerical analysis, Partial differential equations and finite element analysis.	31,000/-	01
JRF-07/2024	Powertrain for all Electric HANSA NG- Technology Demonstration	<p><u>Desired Qualification:</u> M. Tech /M.E. in Mechanical Engineering or Equivalent Or B. Tech in Mechanical Engineering</p> <p><u>Desired Experience:</u> FEA analysis for thermal systems Experience in modelling and simulation of thermal systems</p> <p><u>Preferable experience/exposure:</u> Experience in designing and thermal management system and using of multi-physics tools Finite element modelling, simulation and thermal analysis including cryo cooled systems</p> <p>Candidates can register for PhD at IIST during next admission cycle if PhD qualification requirements are met by the candidate.</p>	₹37,000/- +HRA	01

Maximum Age limit 35 years as on 13.01.2025

<u>Category code</u>	<u>Monthly Remuneration</u>	<u>No. of positions</u>
Project Fellow	₹22,000/-	02
Junior Project Fellow	₹28,000/-	02
Junior Research Fellow	₹37,000/ +HRA	01
Junior Research Fellow	₹31,000/-	01

**General Conditions/Instructions:**

1. Only Indian nationals need apply.
2. All degrees mentioned above should be in **FIRST CLASS**. Candidates should possess the required qualification as on the last date for receipt of application.
3. Candidates are advised to upload the relevant certificate such as mark sheet, Degree/PG Certificate, Experience certificate etc. at the time of registering the online application.
4. **Candidates have an option to register for PhD at IIST during next admission cycle if PhD qualification requirements are met by the candidate. (Only for PG qualified candidates)**
5. The Institute reserves the right to terminate the appointment at any time before completion of the tenure/project, if it so decides.
6. Application received online only will be considered for processing under any circumstances.
7. The applicants will not be allowed to make any changes in the profile registration once submitted. Hence utmost care should be taken by the candidates while filling the profile.
8. Facility for online submission of application will be available from **13 January, 2025 to 17<sup>h</sup> January, 2025**
9. 'No Objection Certificate' from the employer concerned is required in respect of those applicants who are employed under Central/State Government/Public Sector Undertakings/Autonomous Bodies.
10. Only short listed candidates will be called for written test/interview as the case may be. Candidates possessing advertised qualification, skill, experience etc., alone will be allowed to attend the written test/interview.
11. Government strives to have a work force which reflects gender balance and women candidates are encouraged to apply.
12. Candidates who are selected for the positions have to join IIST by the specified date.
13. The above positions are not entitled for hostel facility at IIST.
14. Candidates are advised to visit the IIST website <https://www.iist.ac.in/career/3> for any updates on latest status of their application.
15. No interim correspondence will be entertained.
16. Canvassing in any form will be a disqualification.
17. **Candidates shortlisted will be called for online interview.**

Advt No,IIST/Admin/06-12/2024 dt. **13.01.2025**

Email: [projectrecruitment@iist.ac.in](mailto:projectrecruitment@iist.ac.in)/Phone No.0471-2568601

