Government of India, Department of Space
Indian Institute of Space Science and Technology
[Declared as Deemed to be University under Sec.3 of the UGC Act 1956]
Valiamala PO, Thiruvananthapuram -695 547, Kerala

REQUIREMENT OF FACULTY – ASSISTANT PROFESSOR

Indian Institute of Space Science and Technology (IIST), India's first Space University was established under the Department of Space in September 2007. IIST is presently offering Four year B.Tech Programmes in Aerospace Engineering, Electronics and Communication Engineering (Avionics), Five year Dual degree (B.Tech + MS/ M.Tech), M.Tech, PhD and Post-Doctoral Fellowship (PDF) Programmes in specific areas of Space Science and Technology. IIST provides a vibrant and stimulating environment for research in almost all areas of Aerospace Engineering, Electronics and Communication Engineering (Avionics) and Basic Sciences. The Institute has the state–of–the–art facilities including high performance computing facilities to create the right research ambiance. IIST is also having research collaborations and scientific exchanges with reputed national and international academic & research organizations.

The Institute invites applications for the post of ASSISTANT PROFESSOR in following areas of specialization:

DEPARTMENT	POST NO.	AREA OF SPECIALIZATION	EDUCATIONAL QUALIFICATION
Aerospace Engineering	APAE 01/2025	Flight Mechanics and Control/ Space Flight Dynamics & Mission Design/ Guidance and control of aerospace vehicle Or Non-traditional manufacturing/ Composites manufacturing/ Welding and allied technologies	PhD in the relevant area of specialization with visible research output; with first class or equivalent Bachelors Degree (or equivalent) in Engineering.
Avionics	APAV 01/2025	Computer Science and Engineering	Ph.D. in Computer Science/ Computer Science and Engineering or related area of specialization with visible research output; with first class or equivalent in Master's Degree in Computer Science/ Computer Engineering or related fields. OR Ph.D. in the relevant area of specialization with visible research output; with first class or equivalent B. Tech in Computer Science / Computer Engineering or related fields. Desirable: • The ideal candidate must have experience designing computer science algorithms/computer science and engineering research areas/ quantum information theory/ Quantum computing systems. • Should be able to teach fundamental computer science and engineering courses and have a good publication record in high-impact journals and reputed conferences. • Preferred areas of specialization are quantum computing, computational and systems biology, security and cryptography, autonomous intelligent systems, scientific computing, cyber-physical systems, reliable distributed systems, networks, databases, data analytics, neuromorphic engineering, and collaborative computing. Outstanding candidates in other areas of computer science will also be considered. Candidates with an interdisciplinary or applied research focus must demonstrate a strong research profile in core computer science areas.

DEPARTMENT	POST NO.	AREA OF SPECIALIZATION	EDUCATIONAL QUALIFICATION
Mathematics	APMA 01/2025	Machine Learning/ Artificial Intelligence	First class B. Tech / B.E or equivalent degree (Computer Science or related fields) OR First class M. Tech/ M.E or equivalent degree (Computer Science/ Artificial Intelligence/ Machine Learning or related fields) OR First class M.Sc or equivalent degree (Mathematics/ Applied Mathematics/ Computer Science or related fields) AND Ph.D. in Engineering/Science with research experience in core areas of Artificial Intelligence/ Machine Learning, and having visible research output.
Physics	APPH 01/2025	Quantum Science and Technologies	PhD in the relevant area of specialization with visible research output; with first class or equivalent Masters Degree. OR PhD in the relevant area of specialization with visible research output; with first class or equivalent four-year Bachelors Degree.

Candidates should posses the required qualification as on the last date of receipt of application.

Emoluments as on date: Level 12 of the Pay Matrix under 7th CPC initial pay of 78,800/- per month. In addition, House Rent Allowance [HRA] and Transport Allowance at the prescribed rates in force will be paid for those who are not availing Departmental Housing, Transport facility, respectively.

Age Limit as on 15.01.2026: 40 years (Age relaxation applicable as per Government of India orders)

Career Growth: Merit Promotion Scheme after pre-defined residency period by virtue of individual excellence, without any reference to vacancies.

Other facilities: Medical facilities for self and dependants, Canteen facility, Leave Travel Concession, Group Insurance etc., as per Central Government orders and support for research.

Facility for **online submission** of application will be **available from 19.11.2025 to 15.01.2026.**

General Conditions

1. **Only Indian Nationals are eligible to apply.**

2. Candidates are advised to upload the relevant certificates such as mark sheets, Degree/ PG/PhD Certificate, Experience Certificate etc., at the time of registering the online application.

3. Application received online only will be considered for processing, and Offline applications will not be considered, under any circumstances.

4. 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.

5. The qualification prescribed is minimum requirements and do not automatically make candidates eligible to be called for seminar/ interview.

6. Age relaxation upto maximum of five years will be awarded for serving academicians in Government Institutions.

7. A 'No Objection Certificate' from the employer concerned is mandatory in respect of those applicants who are employed under Central/State Government/Public Sector Undertakings/ Autonomous Bodies and should be produced in original if shortlisted for interview.

8. The applicants are expected to have passion for teaching and communicating research outcomes to a wider audience.

9. Government strives to have a workforce which reflects gender balance and women candidates are encouraged to apply.

10. Institute reserves the right not to fill up all or any of the posts.

11. Candidates who are selected for the positions have to join IIST by the specified date.

12. Canvassing in any form will be a disqualification.

Advt. No. IIST/Admn/RMT/14 – 2025 (1) Dated 19.11.2025