



INDIAN INSTITUTE OF SPACE SCIENCE AND TECHNOLOGY

(Declared as Deemed to be University under section 3 of the UGC act 1956)
Thiruvananthapuram – 695547

IIST Ph.D. Programme – January 2024 (Only for DOS/ISRO employees)

Indian Institute of Space Science and Technology envisions the integration of Space Technology and Space Science educational programs with basic and applied research for meeting the national R&D requirements of science and technology in general and of the Indian Space Programme in particular. The institute provides a vibrant research atmosphere and offers doctoral and postdoctoral programmes.

Online Applications are invited from highly motivated applicants for admission to the Ph.D. Programme starting in January 2024, in the following departments.

- (i) Aerospace Engineering
- (ii) Avionics
- (iii) Chemistry
- (iv) Earth & Space Sciences
- (v) Humanities
- (vi) Mathematics
- (vii) Physics

Interested candidates are encouraged to go through the department and faculty profiles for details of research areas pursued at IIST.

Educational Qualification & Eligibility:

Master's Degree in Engineering/Technology/Science/Arts/Management/ as their highest qualifying degree

Master's Degree in Engineering/Technology/Science/Arts/Management/with 60% marks or its equivalent grade in a point scale, if grading system is followed (55% marks or equivalent CGPA for OBC/EWS/SC/ST/PwD) in the qualifying master's degree

Bachelor's Degree in Engineering/Technology or Bachelor's Degree in Science/Arts/Management with four-year duration as their highest qualifying degree

Bachelor's Degree in Engineering/Technology/Science/Arts/Management (4 year duration) with 75% marks or its equivalent CGPA if grading system is followed (70% marks or equivalent CGPA for OBC/EWS/SC/ST/PwD) in the Qualifying Bachelor' degree.

Nationality: Applicant should be an Indian citizen.

Fellowship

Part-time Ph.D. Scholars are not eligible for any Research Fellowship in addition to their applicable emoluments as ISRO/DoS employees.

FEE STRUCTURE:

(To be paid at the beginning of every semester)

Description of Fees	Amount (Rs.)
Tuition Fees(*)/ Semester	Rs.2500(*)
Other Fees/Semester	Rs.4950
Total Fee(A)	Rs.7450
Hostel Fee/ Semester	Rs.10250
Admission Fee (Non-Refundable) One-time	Rs.1500
Caution Deposit (Refundable)(One-time)	Rs.5000
Total Fee(B)	Rs.16750(**)
Mess Bill/(Nominal) in advance	Rs.18000 (#)
Grand Total 1 st Semester (A+B)	Rs.42200
2 nd Semester onwards (A+B-one time)	Rs.35700

Note:

- **A candidate who confirms the seat have to remit Seat Acceptance fee of Rs. 4950/-.**
- (*) SC/ST/PD students are exempted from payment of Tuition Fees.
- **(**) Will be collected at the time of physical reporting at the Institution.**
- **(#)3000 p.m. X 6 months as advance will be collected after the student physically reports to the Institute by Canteen Office**
- Additional fees: Supplementary Examination fees - Rs.100/- per paper and Thesis Submission - Rs.1000/- and Convocation fees - Rs.2000/- & Alumni Registration fees - Rs.500/-, which will be collected with the final semester fee.

Selection Procedure

- The IIST Part-time Ph.D. Program is open to permanent employees working in any of the Centres/Units of ISRO/DoS including employees of IIST.
- Prospective candidates will fill online application, duly forwarded to IIST by their respective Unit/Centres, giving details of their previous academic record, research experience, and publications, if any, along with a brief summary of the proposed research work.
- After a preliminary scrutiny, the application shall be reviewed by the IIST Research Committee to evaluate the overall relevance of the proposed research topic and the ability of the Applicant to pursue the programme.
- DoS/ISRO Sponsored candidates shall undertake an online screening test in order to qualify for PhD admission interview. The online screening test (30 minutes duration), comprises questions based on Aptitude and Mathematics or as prescribed by the respective IIST department. The candidates will be shortlisted if they secure a minimum of 50% marks in the online screening test. All DoS/ISRO sponsored PhD candidates will in addition give a presentation and face an interview. A candidate should secure 60% marks in total to be eligible for admission.
- DOS sponsored candidates seeking admission based on **Master's Degree in Engineering/Technology/Science/Arts/Management with four-year duration as their highest qualifying degree** are exempted from PhD admission test conducted by institute if they have qualified any national level eligibility test such as UGC-NET/UGC-CSIRNET or similar National level tests.
- DOS sponsored candidates seeking admission based on **Bachelor's Degree in Engineering/Technology /Science/Arts/Management with four-year duration as their highest qualifying degree** are exempted from PhD admission test conducted by institute if they have qualified any national level eligibility test such as UGC-NET/UGC-CSIRNET/GATE/CEED and similar National level tests.
- **Online screening test will be held on November 30, 2023**
- The selection of the applicant for the Part-time Ph.D. Programme of the IIST is based on the recommendation of the Research Committee and the approval of the Director, IIST.

- Applicants whose selection is approved by the Director, IIST will be admitted to the Ph.D. Programme by duly undergoing the process of Admission and Registration in the respective Academic Departments on the dates specified in the communication to the selected candidates.

Requirements

- For Part-time Ph.D. Scholars from DoS Centres/Units, in addition to the Internal Ph.D. Supervisor from IIST faculty, an External Supervisor from relevant ISRO Centre shall also be identified.
- Part-time Research Scholars will have to undergo course work identified by the proposed Supervisors in consultation with the HoD. They can undergo coursework for the required number of credits by taking courses offered by IIST and / or online courses from Swayam/MOOCs as recommended by the Doctoral Committee related to their planned research area.
- Ph.D scholars with B. Tech/4 year BS as their highest qualification need to undergo additional course work as prescribed by the institute which may exceed one semester. The Ph.D scholars will undergo the courses offered by IIST and / or online through Swayam /NPTEL, subject to the approval of the Doctoral committee and the Institute.
- If the Ph.D scholar from ISRO/DoS opts to undergo the course work offered by IIST by residing in the campus or as day scholar, stay of Part-time Ph.D. Scholars at IIST during the period will be regulated as per the existing rules of ISRO-IIST Educational Programme.
- The general conditions of the Ph.D. Programme of the sponsored scholars from ISRO/DoS will be regulated as per the existing rules of ISRO-IIST Educational Programme.

HOW TO APPLY:

- 1) Applications shall be submitted **online** at the IIST website: www.admission.iist.ac.in and duly forwarded to IIST by their respective Unit/Centres.
- 2) The applicants will not be allowed to make any changes in the profile registration once submitted. Hence utmost care should be taken by the applicant while filling the profile.

Note:-The list of shortlisted candidates for admission will be intimated to the concerned authorities of DOS/ISRO Units/Centres. Application forms received after the last date will not be considered under any circumstances.

The filled in online application form, through proper channel may be sent to Deputy Registrar(Academics), Indian Institute of Space Science and Technology, Valiamala PO, Thiruvananthapuram- 695 547 along with the self-attested copies of certificates/testimonials on or before 14thNovember, 2023.

IMPORTANT DATES		
Sl. No.	Event	Date
1	Opening of IIST website for online submission of applications	18 October 2023 -1600 hrs (Wednesday)
2	Closing of IIST website for online submission of applications	07 th November 2023- 2359 hrs (Tuesday)
3	Last Date of Receipt of approved hard copy of application	14 th November, 2023 (Tuesday) – 1700hrs
4	Display of shortlisted candidates for Test/Interview	*21 November, 2023 (Tuesday)- 1700hrs
5	Date of online screening test	*November 30, 2023 (Thursday)
6	Publishing of screening test results	*5 December, 2023 (Tuesday)-1700hrs
7	Interview Dates (Venue: IIST Campus, Valiamala)	*12 & 13 December, 2023
8	Display of Provisionally selected candidates list	*December 19, 2023 (Tuesday) - 1700hrs
9	Reporting to the Institute for admission formalities	January 01, 2024 (Monday)
10	Classes begin for Ph.D Programme	January 08, 2024 (Monday)

**Tentative Dates*