



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 – 695547

**ADMISSION NOTIFICATION FOR M.TECH. AND MASTER OF SCIENCE PROGRAMMES  
 FOR THE ACADEMIC YEAR 2023-2024**

Indian Institute of Space Science and Technology (IIST) has been established in the year 2007 as an autonomous academic institution under Department of Space, Government of India. IIST is committed to (i) attract talented students, (ii) putting in place a system which ensures high academic standards, (iii) actively encourage innovative research in areas of relevance to space science, space technology, space applications and other related basic sciences areas.

Applications are invited for admission to the following Post Graduate programmes of the Institute for the academic year 2023-2024.

Programme Code	Department	Name of the Branch	Educational Qualification
MAE01	Aerospace Engineering – selection based on GATE Score only	Thermal and Propulsion	(i) B.Tech. or equivalent degree in Aerospace Engineering, Aeronautical Engineering, Mechanical Engineering, Chemical Engineering or equivalent
MAE02		Aerodynamics and Flight Mechanics	(ii) A valid GATE Score in Aerospace Engineering or Mechanical Engineering or Chemical Engineering
MAE03		Structures and Design	(i) B.Tech. or equivalent degree in Aerospace Engineering, Aeronautical Engineering, Mechanical Engineering, Civil Engineering, Production Engineering, Mechatronics or equivalent (ii) A valid GATE Score in Aerospace Engineering or Mechanical Engineering or Civil Engineering
MAV01	Avionics – selection based on GATE Score only	RF and Microwave Engineering	(i) B.E./B.Tech. or equivalent degree in Electronics and Communication or equivalent (ii) A valid GATE Score in Electronics and Communication Engineering.
MAV02		Digital Signal Processing	(i) B.E./B.Tech. or equivalent degree in Electronics and Communication or equivalent (ii) A valid GATE score in Electronics and Communication Engineering/ Instrumentation Engineering/ Electrical Engineering.
MAV03		VLSI and Microsystems	(i) B.E./B.Tech. or equivalent degree in Electronics and Communication / Electronics and Instrumentation or equivalent (ii) A valid GATE score in Electronics and Communication Engineering/ Instrumentation Engineering/ Electrical Engineering.
MAV04		Control Systems	(i) B.E./B.Tech. or equivalent degree in Electrical Engineering/Electronics and Communication/ Instrumentation or equivalent (ii) A valid GATE score in Electronics and Communication Engineering/ Instrumentation Engineering/ Electrical Engineering.

Programme Code	Department	Name of the Branch	Educational Qualification
MAV05		Power Electronics	(i) B.E./B.Tech. or equivalent degree in Electrical Engineering/Electronics and Communication/Instrumentation or equivalent (ii) A valid GATE score in Electrical Engineering (EE)
MMA01	Mathematics – selection based on GATE Score only	Machine Learning and Computing	(i) M.Sc/MS/BS-MS in Mathematics or Applied Mathematics / Statistics/ Computer Science/ Mathematics and Computing or equivalent OR B.E./B.Tech. or equivalent degree in Avionics/ Computer Science and Engineering/ Electronics and Communication Engineering/ Electrical Engineering/Electrical and Electronics Engineering/Information Technology/Electronics and Telecommunication Engineering or equivalent (ii) A valid GATE Score in Mathematics/ Statistics/ Computer Science and Information Technology / Electronics and Communication Engineering/ Electrical Engineering.
MCH01	Chemistry – selection based on GATE Score only	Materials Science and Technology	(i) B.E./B.Tech. or equivalent degree in Polymer Science and Technology/ Chemical Engineering/ Rubber Technology/ Metallurgical Engineering/Materials Science/Materials Science and Metallurgical Engineering/ Mechanical Engineering/ Production Engineering/ Production and Industrial Engineering/ Plastic Technology or equivalent. OR M.Sc/M.S in Chemistry (all branches)/Physics/Material Science/ Nanoscience and Technology or equivalent. (ii) A valid GATE score in Engineering Sciences/Chemical Engineering/ Metallurgical Engineering/ Mechanical Engineering/ Production and Industrial Engineering/ Chemistry/Physics.
MPH01	Physics – selection based on GATE Score only	Optical Engineering	(i) B.E./B.Tech. or equivalent degree in Electronics/Electrical Engineering/Electronics and Communication Engineering/ Mechanical Engineering/Computer Science and Engineering/ Engineering Physics OR M.Sc. in Physics/ Applied Physics/ M.S. (Integrated) Physics. (ii) A valid GATE score in Electronics and Communication Engineering/Electrical Engineering/Mechanical Engineering/Physics/ Computer Science and Information Technology.
MPH02		Quantum Technology	(i) B.E./ B.Tech. or equivalent degree in Electronics/ Electrical Engineering/ Electronics and Communication Engineering/ Engineering Physics/ Computer Science and Engineering/ Physical Sciences OR

Programme Code	Department	Name of the Branch	Educational Qualification
			<p>M.Sc. in Physics/ Applied Physics/Photonics/ M.S. (Integrated) Physics or related areas.</p> <p>(ii) A valid GATE score in Electronics and Communication Engineering/ Electrical Engineering/ Physics/ Computer Science and Information technology</p>
MES01	Earth and Space Sciences – selection based on GATE Score and online interview.	Earth System Science	<p>(i) B.E./B.Tech. or equivalent degree in Aerospace Engineering, Aeronautical Engineering, Mechanical Engineering, Chemical Engineering, Civil Engineering, Avionics, Electronics and Communication Engineering, Electrical Engineering, Electronics and Electrical Engineering, Physical Sciences, Engineering Science, Engineering Physics, Agricultural Engineering, Instrumentation Engineering or equivalent OR M.Sc. in Physics/Mathematics/ M.S. (Integrated) Physics/ Earth Science</p> <p>(ii) A valid GATE score in Aerospace Engineering/ Civil Engineering/ Chemical Engineering/ Electronics and Communication Engineering/ Electrical Engineering/ Mechanical Engineering/ Agricultural Engineering/ Engineering Sciences / Physics/ Mathematics or equivalent.</p>
MES02	Earth and Space Sciences – selection based on GATE Score only.	Geoinformatics	<p>(i) B.E./B.Tech. in any branch of Engineering or M.Sc. degree in any branch of Science with Mathematics as a subject at degree level.</p> <p>(ii) A valid GATE score in Agriculture Engineering/ Architecture and Planning/Civil Engineering /Computer Science and Information Technology/Electrical Engineering /Electronics &amp; Communications Engineering / Engineering Sciences/ Environmental Science and Engineering/Geomatics Engineering/Geology and Geophysics/ Mathematics/ Mining Engineering/Physics</p>
MES03	Earth and Space Sciences – selection based on GATE Score and online interview	Master of Science in Astronomy and Astrophysics	<p>(i) B.E/B.Tech or equivalent degree in any branch OR Master of Science / M.Sc. in Physics, Space Physics, Space Science, Space Science and Technology</p> <p>(ii) A valid score in any one of the following: GATE in any one of these subjects - Physics/Electronics and Communication Engineering/Electrical Engineering /Instrumentation Engineering/Engineering Science. For Engineering Science, at least one of the following papers- Fluid Mechanics, Material Science, Thermodynamics, Atmospheric and Ocean Science OR JEST score in Physics</p>

1. **Age limit: 32 years as on 02.05.2023.** Age relaxation is applicable to SC/ST/Persons with Disability (PwD) category as per Government of India Orders.
2. **Educational Qualification & Eligibility:** B.E./B.Tech./Master of Science or equivalent degree with a minimum of 60% marks or CGPA 6.50 out of 10 for General / EWS & OBC category and minimum of 55% marks or CGPA 6.00 out of 10 for SC/ST & PwD category . A valid score in GATE/JEST in relevant area as the case may be is essential.
3. When CGPA & equivalent percentage are both provided in the mark list/certificate, CGPA alone would be considered for eligibility.

**Fee Structure:**

Description of Fees	Amount (Rs.)
Tuition Fees(*)/ Semester	Rs.35000(*)
Other Fees/Semester	Rs.5450
<b>Total Fee(A)</b>	<b>Rs.40450</b>
Hostel Fee/ Semester	Rs.8750
Admission Fee (Non-Refundable) (One-time)	RS.1500
Caution Deposit (Refundable)(One-time)	Rs.5000
<b>Total Fee(B)</b>	<b>Rs.15250</b>
<b>Grand Total 1<sup>st</sup> Semester (A+B)</b>	<b>Rs.55700</b>
<b>2<sup>nd</sup> Semester onwards (A+B-one time)</b>	<b>Rs.49200</b>
Mess Bill in advance (to pay at canteen services after joining the Institute)	Rs.18000 (#)

**Note:**

- **A candidate who confirms the seat has to remit the fees of Rs.14200/- as Seat Acceptance fee (Other fees plus Hostel fee)**
- **Balance fees will be collected at a later date, which will be informed through email.**
- **(#)** Mess fees has to be paid in advance directly to canteen services once the students physically report at the campus.
- 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.

**General Conditions:**

1. Only Indian citizens are eligible to apply.
2. Applications received online only will be considered for processing under any circumstances.
3. The applicants can edit in the application before the submission of branch registration. Once branch registration is submitted no changes can be made.
4. The applicants who wish to apply for more than one programme shall exercise their order of preference of Post Graduate Programmes, at the time of applying itself.

5. Applicants can choose a maximum of **Five** preferences within or across all the departments. The preference once exercised shall be final.
6. SC/ST/OBC (Non-Creamy Layer)/EWS/Persons with Disabilities (PwD) candidates shall upload the relevant certificates as per the format available in admission portal before the last date of online application. **GEN-EWS/OBC-NCL candidates need to produce updated certificate issued on or after 01/04/2023 during the reporting at the Institute.**
7. **Applications of GEN-EWS/OBC-NCL/SC/ST/PwD candidates will be processed only after the receipt of the relevant proof online. In other words, non-submission of proof online will lead to rejection of application.**
8. Reservation of seats for SC/ST/OBC/EWS/PwD is applicable as per Govt. of India Orders.
9. In case of ST seats falling vacant, it will be filled by SC category candidates.
10. **Application fee is Rs.600/- for General, OBC and EWS candidates who are male (Rs.300/- for SC, ST, PD and women candidates) up to three preferences (within or across all the departments) and Rs.1200/- for General, OBC and EWS candidates who are male (Rs.600/- for SC, ST, PD and women candidates) for four to maximum five preferences (within or across all the departments)**
11. **The application fee shall be paid through online only. The last date of registration and payment of application fee is 02.05.2023.**
12. **The application fee is non-refundable.**
13. **For the M.Tech. Programmes offered by Departments of Aerospace Engineering, Avionics, Chemistry, Mathematics, Physics and M.Tech in Geoinformatics, candidates will be rank listed based only on the valid GATE score. An admission list would be prepared based on the rank list & available number of vacancies & preference given by the candidate.**
14. The shortlist for online interview will be prepared based on GATE / JEST score for the M.Tech in Earth System Science & Master of Science in Astronomy and Astrophysics programmes offered by Department of Earth & Space Sciences. The applicants who are shortlisted for these M.Tech./Master of Science programmes are required to appear for an online Interview. List of shortlisted candidates for online interview for those programmes will be displayed in the IIST website on **16 May 2023**. Shortlisted candidates may download their online interview call letter from the portal.
15. **Interview will be conducted through video conference mode.**
16. A provisional admission list will be prepared based on the GATE score, interview score, number of vacancies & preferences given by the candidate.
17. After the provisional admission list is published, the candidate has to remit their seat acceptance fee of Rs 14,200/- through online (**E-pay**) within the stipulated date.
18. In case the candidate in the provisional admission list fails to remit the fee within the stipulated date, the seat will be allotted to the next candidate in the rank/wait list.
19. **All candidates who are in the rank list should confirm their willingness to be considered for further allotments in the web portal by choosing "Revalidate and proceed" option on specified dates as given in Table 2.**

- 20. The candidates who do not confirm their willingness using the revalidate option on the specified dates will not be considered for any future vacancies or for any change in the branch of higher preference. (However, their existing allotment would be retained if they pay the fees.)**
21. The order of preference given by the candidate cannot be changed once the application is submitted. However, the candidate can withdraw from the allotted programmes in which they appear in the Allotment list/waiting list.
22. A candidate allotted to a lower preference in a particular round will be automatically allotted a seat in higher preference in subsequent rounds if vacancy arises. However, candidates may withdraw from these higher preferences in which she/he is not currently allotted if he/she wishes to freeze the current allotment.
23. If the candidate with a confirmed seat, after paying fees, wishes to withdraw before the commencement of the class, he/she may send a request to [academics@iist.ac.in](mailto:academics@iist.ac.in). The fee will be refunded as per UGC Guidelines.
24. Students who are completing their qualifying degree programme in 2022-23 will have to provide the consolidated mark list/mark lists of all semesters along with Provisional/Degree Certificate on or before October 31, 2023. Till the date of submission of degree Certificate, the admission will be treated as provisional and such students who have not submitted the degree certificate/verification certificate/Graduation certificate will not be eligible for scholarship. Also those students who have not submitted the Degree certificate/Transfer certificate/Provisional certificate before 1700 hrs on October 31, 2023 shall be disqualified and such students shall not be eligible to continue their studies at IIST further. On submission of the certificate on or before October 31, 2023, the scholarship will be paid with effect from the date of commencement of classes or from the date of admission to the programme whichever is earlier.
25. Students who have completed their qualifying degree prior to and for 2022-23 will have to produce all the certificates and TC in original at the time of admission.
- 26. M.Tech students with valid GATE score will receive scholarship through AICTE.**
27. For the students admitted for Master of Science programme, the scholarship will be paid by IIST.
28. Candidates who are employed in Government/Semi Government/PSUs/Autonomous Bodies need to produce a “No Objection Certificate (NOC)” at the time of interview. For candidates who are employed and who apply to branches where there are no interviews, the NOC has to be submitted at the time of admission.
29. The M.Tech./Master of Science students will be required to assist the Departments in academic activities as and when required.
30. Refund of fees will be based on UGC guidelines.
31. Students who are selected for the admissions have to join the course on the specified dates as given in Table 1. Dates for starting of classes for these students are also given in Table 1.



<b>Table 1: IMPORTANT DATES</b>		
<b>Sl</b>	<b>Event</b>	<b>Date</b>
1	Opening of IIST website for online submission of applications	April 06, 2023 - 1000 hrs (Thursday)
2	Closing of IIST website for online submission of applications	May 02, 2023 - 2359 hrs (Tuesday)
3	Display of shortlisted candidates for the branches which have GATE as well as online interview	May 16, 2023 (Tuesday)
4	Display of shortlisted rank list for PG programmes which is based on only GATE score	May 17, 2023 (Wednesday)
5	Fee payment of First Allotment	May 19, 2023 onwards
6	Interview for candidates for M.Tech in Earth System Science and Master of Sciences in Astronomy and Astrophysics	May 23-26, 2023
7	Display of rank list for M.Tech in Earth System Science and Master of Sciences in Astronomy and Astrophysics	June 06, 2023 (Tuesday)
8	Reporting date at the Institution	July 29, 2023 (Saturday)
9	Classes begins for all PG Programmes	July 31, 2023 (Monday)
10	Last Allotment for PG Admission	August 11, 2023 (Friday)
11	PG Admission Closes	August 14, 2023 (Monday)

### Instructions to Candidates

1. Online application can be made through <https://admission.iist.ac.in/> Read instructions thoroughly before filling the application form.
2. Step 1: New User Registration – The applicant has to first register with the Name, valid Email ID and Mobile number along with a new Password that will be used for further login to the Admission Portal. You will get a valid Registration No. on successful user creation. Please use this Registration No. and the Password you have set for completing the registration process.
3. Step 2: Profile Registration – Login using the above Registration No. and Password. Read the instructions and click Continue to proceed to profile registration. Please enter the correct information in each tab and click Finish followed by CONFIRM button. You can use Save as Draft button to temporarily save your data. The profile can be edited till the branch registration is saved.
4. Step 3: Branch Registration – Login to view the branches and set the preference for various programmes. Additionally, you may apply for other programmes (branches) for which your qualifying degree is equivalent/ related to as the case may be by selecting the appropriate programmes under "other programmes". Final decision on your eligibility would be decided by the concerned department

- after the last date of application. Select branches and submit, a fee registration number will be generated.
5. Step 4: Pay Registration Fee: With the registration number you can make application fee payment through e-pay.
  6. Short list / Rank list will be published on **16.05.2023** (For PG programmes with interview). The rank listed candidates from Departments of Aerospace Engineering, Avionics, Chemistry, Mathematics, Physics and M.Tech in Geoinformatics, would be offered admission based on their GATE score only. Using the login ID and password, the candidate can confirm their seats through online web portal. Seat Acceptance fee has to be remitted through e-pay to confirm the seat.
  7. **A fresh allotment list will be prepared and updated in IIST website every Monday, Wednesday and Friday at 1700 hrs, if vacancies exist. The candidate in the allotment list has to remit the stipulated fees on or before the subsequent Wednesday, Friday and Monday 1100hrs to confirm their candidature to the program and branch allotted. Any change in the aforementioned schedule would be notified in the website.**
  8. If the candidate's highest preference is allotted and if he/she fails to remit the fees in the stipulated time, then his/her candidature will be cancelled.
  9. If candidate is allotted one of his/her lower preferences and he/she does not remit the fees, then the candidate will be eligible for being considered for his/her higher preference provided he/she chooses "Revalidate and Proceed" option as per Table 2.
  10. Candidates can login to their web portal and withdraw from the allotted programmes in which they appear in the allotment list/wait list. The order of preferences cannot be altered.
  11. **All candidates would be considered for allotments in the subsequent vacancy filling rounds only if the candidate chooses "REVALIDATE and PROCEED "option in the web portal on specified dates given in Table 2.**

**Table 2: REVALIDATION DATES**

Re-validation of candidature Round - 1	June 02 (1700hrs) – 05(1100hrs), 2023
Re-validation of candidature Round - 2	July 07 (1700hrs) – 10(1100hrs), 2023
Re-validation of candidature Round - 3	July 28 (1700hrs) – 31 (1100hrs), 2023