



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 M.S. PROGRAMMES FOR THE ACADEMIC YEAR 2015-2016**

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 and other related areas. Applications are invited for admission to the following Post Graduate programmes of the Institute for the academic year 2015-2016. The total number of seats in each programme is **6 (Six)**:

Programme Code	Department	Name of the Programme and categories	Educational Qualification
<b>M.Tech. PROGRAMME</b>			
MAE01	Aerospace Engineering	Thermal and Propulsion	(i) B.Tech. or equivalent degree in Aerospace Engineering, Aeronautical Engineering, Mechanical Engineering or Chemical Engineering.
MAE02		Aerodynamics and Flight Mechanics	(ii) A valid GATE Score in Aerospace Engineering/ Mechanical Engineering or Chemical Engineering.
MAE03		Structures and Design	(i) B.Tech. or equivalent degree in Aerospace Engineering, Aeronautical Engineering, Mechanical Engineering or Civil Engineering (ii) A valid GATE Score in Aerospace Engineering/ Mechanical Engineering or Civil Engineering
MAV01	Avionics	RF and Microwave Engineering	(i) BE/B.Tech or equivalent degree in Electronics and Communication/ Electronics Engineering/ Electrical Engineering (ii) A valid GATE Score in Electronics and Communication Engineering.
MAV02		Digital Signal Processing	(i) BE/B. Tech or equivalent degree in Electronics and Communication/ Telecommunication/Electrical and Electronics Engineering. (ii) A valid GATE Score in Electronics and Communication Engineering.
MAV03		VLSI and Microsystems	(i) BE/B. Tech or equivalent degree in Electronics and Communication/ Electrical Engineering (ii) A valid GATE score in Electronics and Communication Engineering.

Programme Code	Department	Name of the Programme and categories	Educational Qualification
MAV04	Avionics	Control Systems	<p>(i)BE/B. Tech or equivalent degree in Electrical and Electronics / Electronics and Communication/ Electronics and Instrumentation / Instrumentation and Control Engineering.</p> <p>(ii)A valid GATE score in Electronics and Communication Engineering/ Electrical Engineering.</p>
MES01	Earth and Space Sciences	Earth System Science	<p>(i)BE/B. Tech or equivalent degree in Aerospace Engineering, Aeronautical Engineering, Mechanical Engineering, Chemical Engineering, Civil Engineering, Electronics and Communication Engineering, Electrical Engineering, Electronics and Electrical Engineering, Electronics and Instrumentation Engineering, Instrumentation and Control Engineering, Physical Science, Agricultural Engineering, Engineering Science , Instrumentation Engineering, Engineering Physics.</p> <p style="text-align: center;">OR</p> <p>M.Sc. in Physics/Mathematics.</p> <p>(ii)A valid GATE score in Aerospace Engineering/ Civil Engineering/ Chemical Engineering/ Electronics and Communication Engineering/ Electrical Engineering/ Mechanical Engineering/ Engineering Sciences/ Agriculture Engineering/ Instrumentation Engineering/ Physics/ Mathematics.</p> <p><i>Note: Candidates with M.Sc degree must have studied Physics, Mathematics at the B.Sc level. Candidates having B. Tech or BE in other branches of engineering will be considered only if they have appropriate experience in related areas of Atmospheric and Oceanic Sciences/ Meteorology/ Geology/ Remote Sensing etc</i></p>
MES02	Earth and Space Sciences	Geoinformatics	<p>(i) BE/B. Tech or equivalent degree in Computer Science Engineering/ Information Technology/ Electrical and Electronics Engineering/Electronics and Communication Engineering/ Civil/Physical Science/ Engineering Sciences/ Geoinformatics/ Agricultural Engineering</p> <p style="text-align: center;">OR</p> <p>M.Sc in Mathematics/Physics</p> <p>(ii)A valid GATE score in Computer Science and Information Technology/Electrical Engineering/ Electronics and Communication Engineering/Civil Engineering/Engineering Sciences/Agricultural Engineering /Mathematics/Physics.</p>

Programme Code	Department	Name of the Programme and categories	Educational Qualification
MMA01	Mathematics	Machine Learning and Computing	<p>(i) M.Sc in Mathematics/ Statistics/Physics/Computer Science. OR BE/B. Tech or equivalent degree in Electronics and Communication Engineering/ Electrical Engineering/ Chemical Engineering/ Computer Science and Engineering</p> <p>(ii) A valid GATE Score in Mathematics/ Statistics/ Physics/ Computer Science / Electronics and Communication Engineering/ Electrical Engineering/Chemical Engineering.</p>
MCH01	Chemistry	Materials Science and Technology	<p>(i) BE/B.Tech or equivalent degree in Polymer Science and Technology/Chemical Engineering/Rubber Technology/ Metallurgy and Materials Science/Mechanical Engineering/ Production and Industrial Engineering OR M.Sc/M.S. in Chemistry (all branches)/Physics/Material Science/ Nanoscience and Technology</p> <p>(ii) A valid GATE score in Engineering Sciences/Chemical Engineering/ Metallurgical Engineering/ Mechanical Engineering/ Production and Industrial Engineering/ Chemistry/Physics.</p>
MPH01	Physics	Optical Engineering	<p>(i) BE/B.Tech or equivalent degree in Electronics/Electrical Engineering/Electronics and Communication Engineering/ Mechanical Engineering/ Engineering Physics OR M.Sc in Physics/ Applied Physics/M.S. in Integrated Physics.</p> <p>(ii) A valid GATE score in Electronics and Communication/ Electrical/ Mechanical Engineering/Physics.</p>
MPH02		Solid State Technology	<p>(i) BE/B.Tech or equivalent degree in Electronics/Electrical Engineering/Electronics and Communication Engineering/ Engineering Physics OR M.Sc in Physics/ Applied Physics/M.S. in Integrated Physics.</p> <p>(ii) A valid GATE score in Electronics and Communication/ Electrical Engineering /Physics.</p>

Programme Code	Department	Name of the Programme and categories	Educational Qualification
<b>M.S. PROGRAMME</b>			
MES03	Earth and Space Sciences	Astronomy and Astrophysics	(i) BE/B. Tech or equivalent degree in Electronics and Communication Engineering, Electrical Engineering, Electronics and Electrical Engineering, Physical Science, Engineering Science, Engineering Physics. OR MS/M.Sc in Physics. (ii) A valid score in any one of the following: a. GATE in any one of these subject: Physics/Electronics and Communication Engineering/Electrical Engineering/Engineering Sciences. b. Joint Entrance Screening Test (JEST) in Physics c. UGC NET (Physical Sciences).

**Note: If the candidate is eligible and wishes to apply for more than one Department, he/she has to submit the application fee for the respective Departments separately.**

- Age limit: 28 years as on 08.05.2015.** Age relaxation is applicable to SC/ST/Persons with disability (PWD) category as per Government of India Orders.
- Educational Qualification & Eligibility:** BE/B.Tech/M.Sc/M.S. or equivalent degree mentioned above should be in first class with an aggregate minimum of 60% marks or CGPA 6.5 out of 10. A valid score in GATE/JEST/UGC NET in relevant area as the case may be, as specified above is essential.

**General Conditions:**

- Only Indian citizens are eligible to apply.**
- Applications received online only will be considered for processing under any circumstances.**
- The applicants will not be allowed to make any changes in the profile registration once submitted. Hence utmost care should be taken by the candidate while filling the profile.**
- The applicants who wish to apply for more than one programme shall exercise their order of preference/option of Post Graduate Programmes, at the time of applying itself. The option once exercised shall be final.**
- SC/ST/OBC (Non-Creamy Layer)/Persons with Disabilities (PWD) candidates shall upload the relevant certificate before the prescribed date.**
- Applications in respect of SC/ST/OBC/PWD will be processed only after the receipt of the above proof online. In other words, non-submission of proof online will lead to rejection of application.**
- Reservation of seats for SC/ST/OBC/PWD is applicable as per Govt. of India Orders.**
- Application fee is to the extent of Rs.600/- per Department (for SC, ST, PWD and women candidates Rs.300/- per Department).**
- The application fee is non-refundable.**
- The applicants who are shortlisted for M. Tech/M.S programmes are required to appear for a written test/Interview as the case may be.**
- No TA/DA is admissible for written test/interview. The shortlisted candidates are advised to make their own arrangements for travelling and lodging for attending written test/interview in Thiruvananthapuram.**
- List of shortlisted candidates will be displayed in IIST website. Shortlisted candidates may download call letter from the website.**
- Candidates who are expected to complete the degree course in the academic year 2014-2015 are also eligible to apply provided the consolidated marklist/marklists of all semesters along with Degree Certificate shall be produced on or before October 31, 2015. 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 will not be eligible for scholarship. Also those students who have not submitted the Degree certificate before 1700hrs on October 31, 2015 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, 2015, 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 later.**
- Selected candidates will be given scholarship as per AICTE norms.**

15. Candidates who are employed in Government/Semi Government/PSUs/Autonomous Bodies need to produce a "No Objection Certificate(NOC)" at the time of Interview
16. The M. Tech/M.S students will be required to assist the Departments in academic activities as and when required.
17. All the candidates have to bring the challan copy for the respective courses at the time of the interview as proof.
18. Candidates who are selected for the admission have to join the course immediately. Classes for these candidates will tentatively commence in the last week of July, 2015.

<b>IMPORTANT DATES</b>		
<b>Sl. No.</b>	<b>Event</b>	<b>Date</b>
1	Opening of IIST website for online submission of applications	April 10, 2015 1000 hrs
2	Closing date for online submission of applications	May 8, 2015
3	Last Date for Payment of application fee	May 14, 2015
4	Display of shortlist on website	May 25, 2015
5	Tentative Schedule of Interview	June 15-19, 2015
6	Display of interview result	July 3, 2015
7	Date of reporting for admissions (tentative)	July 20-24, 2015
8	Commencement of classes (tentative)	Last week of July, 2015

**Advt. No. IIST/Admn/M. Tech/05/2015 Dated 08.04.2015**