



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 2014-2015
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 for providing quality human resources to the Indian Space Research Organisation (ISRO) and other National Research & Development Organisations and Industries. 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 2014-2015. The total number of seats in each programme is **6 (Six)**.

Programme Code	Department	Name of the Programme	Educational Qualification
M.Tech. PROGRAMME			
MAE01	Aerospace Engineering	Thermal and Propulsion	(i) BE/B.Tech or equivalent degree in Aerospace Engineering/ Aeronautical Engineering/ Mechanical Engineering/ Chemical Engineering/ Production Engineering/ Automobile Engineering.
MAE02		Aerodynamics and Flight Mechanics	(ii) A valid GATE Score in Aerospace Engineering/ Mechanical Engineering or Chemical Engineering.
MAE03		Structures and Design	(i)BE/B.Tech or equivalent degree in Aerospace Engineering/ Aeronautical Engineering/ Mechanical Engineering/ Civil Engineering/ Production Engineering/ Automobile 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 with specialization in Electronics and Communication. (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 with specialization in Electronics and Communication. (ii)A valid GATE Score in Electronics and Communication Engineering or Electrical Engineering.
MAV03		VLSI and Microsystems	(i) BE/B. Tech or equivalent degree in Electronics and Communication/ Electrical Engineering with specialization in Electronics Engineering. (ii)A valid GATE score in Electronics and Communication Engineering.
MAV04		Control Systems	(i)BE/B. Tech or equivalent degree in Electrical and Electronics / Electronics and Communication/ Electronics and Instrumentation / Instrumentation and Control Engineering. Candidate should have undergone a basic course in Control theory. (ii)A valid GATE score in Electronics and Communication Engineering/ Electrical Engineering.

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 with specialization in EC, Electronics Engineering, Electronics and Telecommunication Engineering, Electronics and Electrical Engineering, Electronics and Electrical Engineering with specialisatin in EC, Electronics and Instrumentation Engineering, Instrumentation and Control Engineering, Physical Science, Agricultural Engineering, Engineering Science, Instrumentation Engineering, Computer Science Engineering, Information Technology, Geo Informatics, Polymer Science and Technology, Rubber Technology, Metallurgy and Material Science, Production and Industrial Engineering, Engineering Physics, Electrical Engineering with specialization in Electronics Engineering, Production Engineering, Automobile Engineering, Industrial Engineering, Electrical Engineering</p> <p>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		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>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>
MMA01	Mathematics	Machine Learning and Computing	<p>(i) M.Sc in Mathematics/ Statistics/Physics/Computer Science.</p> <p>OR</p> <p>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</p> <p>OR</p> <p>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	(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. (ii) A valid GATE score in Electronics and Communication/ Electrical/ Mechanical Engineering/Physics.
MPH02		Solid State Technology	(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. (ii)A valid GATE score in Electronics and Communication/ Electrical Engineering/Physics.
M.S. PROGRAMME			
MES03	Earth and Space Sciences	Astronomy and Astrophysics	(i)BE/B. Tech or equivalent degree in Aerospace Engineering, Aeronautical Engineering, Mechanical Engineering, Chemical Engineering, Civil Engineering, Electronics and Communication Engineering , Electrical Engineering with specialization in EC, Electronics Engineering, Electronics and Telecommunication Engineering, Electronics and Electrical Engineering, Electronics and Electrical Engineering with specialisatin in EC, Electronics and Instrumentation Engineering, Instrumentation and Control Engineering, Physical Science, Agricultural Engineering, Engineering Science , Instrumentation Engineering, Computer Science Engineering, Information Technology, Geo Informatics, Polymer Science and Technology, Rubber Technology, Metallurgy and Material Science, Production and Industrial Engineering, Engineering Physics, Electrical Engineering with specialization in Electronics Engineering, Production Engineering, Automobile Engineering, Industrial Engineering, Electrical Engineering OR 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) c.UGC NET (Physical Sciences).

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

- Age limit: 28 years as on 17.04.2014.** 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 in 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 applicant 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.**
- 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 ` 600/- per programme (for SC, ST, PWD and women candidates ` 300/- per programme).**
- 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.**

10. 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.
11. List of shortlisted candidates will be displayed in IIST website. Shortlisted candidates may download call letter from the website on or after May 08, 2014.
12. Candidates who are expected to complete the degree course in the academic year 2013-2014 are also eligible to apply provided the degree certificate (At least provisional degree certificate) is produced on the day of written test/interview.
13. Selected candidates will be given scholarship as per AICTE norms.
14. Candidates who are employed in Government/Semi Government/PSUs/Autonomous Bodies need to produce a "No Objection Certificate(NOC)" at the time of Interview
15. *The M. Tech/M.S students will be required to assist the Departments in academic activities as and when required.*

IMPORTANT DATES		
Sl. No.	Event	Date
1	Opening of IIST website for online submission of applications	March 28, 2014
2	Closing date for online submission of applications	April 17, 2014
3	Last Date for Payment of Application fee	April 22, 2014
4	Last Date for uploading the challan	
5	Display of Shortlisted candidates for written test/Interview	May 07, 2014
6	Written test/ Interview	May 26-30, 2014
7	Display of Final Results	June 16, 2014
8	Date of Reporting for Admission	July 07-09, 2014
9	Commencement of Classes	July 14, 2014

Advt. No. IIST/Admn/M. Tech/06/2014 Dated 24.03.2014

PLEASE READ CAREFULLY THE FOLLOWING INSTRUCTIONS BEFORE YOU START FILLING UP THE ONLINE APPLICATION FORM

Profile Registration

1. Before starting to fill up the form, read thoroughly the M. Tech/MS Admission Notification and General Conditions given in a downloadable format on the web site.
2. The student should have a valid e-mail ID.
3. Scanned copy of your recent photograph in JPG/JPEG format with white Background (Maximum size 100KB) and signature (Use Black Pen to Sign; max size 100KB) in JPG/JPEG format shall be kept ready. SC/ST/OBC/PWD candidates shall scan the relevant proof as detailed below in JPG/JPEG format before initiating the profile registration.
 - a). **SC/ST/OBC(Non- Creamy Layer) candidates shall upload the relevant caste Certificate at the time of profile registration.**
 - b) **Persons with Disabilities (PWD) shall upload the medical certificate issued by Medical board at the time of profile registration.**
4. The site does not offer automatic saving of the document. The data on a page gets saved once you click on the "**Confirm**" button provided in the page.
5. After entering the data and after uploading your photograph, signature, other proofs (Caste Certificate, Medical Certificate, wherever applicable), see the **preview of your application** along with uploaded photograph, signature and other proof wherever applicable. If you need to make any correction in your data, photograph and signature, other proof as above, please click the "**MODIFY**" button and correct data/uploaded photograph and signature. Please see the **PREVIEW** and finally "**CONFIRM**" your online application.
6. After the successful submission of the Profile, IIST Registration Number and Login Password will be allotted to the applicant. The same will be displayed and also be intimated to the applicant by an email. The applicant shall note down the registration number and login password for proceeding to course registration and for accessing application related information from the website in future.

Course Registration

1. For Course registration the applicant has to use the system generated IIST Registration Number and login password.
2. An eligible applicant who wishes to register for more than one course has to login using the IIST Registration Number and Password and register course(s) from the list of eligible courses displayed. Download the challan(s) separately and pay for those courses separately.

Printing Challan, Remittance of Fees and Uploading of Institute copy of Challan

1. On registration of a course, Challan will be generated automatically. In case the applicant could not download the challan immediately after course registration he/she may click on the Print Challan link, using system generated IIST Registration Number and login password.
2. Print the Challan form, sign it and take it to any State Bank of India (SBI) branch. Remit the mentioned amount (**ONLY AFTER 2 (TWO) WORKING DAYS FROM THE DATE OF REGISTRATION**) and take back the student's copy and Institute's copy of challan stamped by bank. The stamped Institute's copy of challan may be uploaded to complete the application procedure. Keep a copy of Challan with you for your future references.
3. After uploading the Institute's copy of challan, the applicant may check for the status of his/her application on a subsequent day.
