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 2016-2017

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.

In the recent 'National Institutional Ranking Framework (NIRF) – India Rankings 2016' brought out by Department of Higher Education, Ministry of Human Resources Development, Government of India, IIST has been ranked as 8th among the Indian Universities.

Applications are invited for admission to the following Post Graduate programmes of the Institute for the academic year 2016-2017. The total number of seats in each programme is **6 (Six):**

Programme Code	Department	Name of the Programme and categories	Educational Qualification
M.Tech. PROGRAMME			
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, Civil Engineering or Production 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 Avionics/Electronics and Communication/ Electronics Engineering/ Electrical Engineering (ii) A valid GATE Score in Electronics and Communication Engineering.
MAV02	Avionics	Digital Signal Processing	(i) BE/B. Tech or equivalent degree in Avionics/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 Avionics/Electronics and Communication/ Electrical Engineering (ii) A valid GATE score in Electronics and Communication Engineering.
MAV04	Avionics	Control Systems	(i) BE/B. Tech or equivalent degree in Avionics/Electrical and Electronics / Electronics and Communication/ Electronics and Instrumentation / Instrumentation and Control Engineering. (ii) A valid GATE score in Electronics and Communication Engineering/ Electrical Engineering/Instrumentation Engineering.

Programme Code	Department	Name of the Programme and categories	Educational Qualification
MAV05	Avionics	Power Electronics	(i) BE/B. Tech or equivalent degree in Avionics/Electrical and Electronics / Electronics and Communication/ Electronics and Instrumentation / Instrumentation and Control Engineering. (ii) A valid GATE score in Electronics and Communication Engineering/ Electrical Engineering.
MMA01	Mathematics	Machine Learning and Computing	(i) M.Sc in Mathematics/ Statistics/ Computer Science. OR BE/B. Tech or equivalent degree in Electronics and Communication Engineering/ Electrical Engineering/ Information Technology/ Computer Science and Engineering (ii) A valid GATE Score in Mathematics/ Statistics/ Computer Science and Information Technology / Electronics and Communication Engineering/ Electrical Engineering.
MCH01	Chemistry	Materials Science and Technology	(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 (ii) A valid GATE score in Engineering Sciences/Chemical Engineering/ Metallurgical Engineering/ Mechanical Engineering/ Production and Industrial Engineering/ Chemistry/Physics.
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.

Programme Code	Department	Name of the Programme and categories	Educational Qualification
MES01	Earth and Space Sciences	Earth System Science	(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. OR M.Sc. in Physics/Mathematics. (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. Note: Students *with M. Sc. degree must have studied Physics, Mathematics at the B. Sc. level. Students 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*
MES02	Earth and Space Sciences	Geoinformatics	(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 OR M.Sc in Mathematics/Physics (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.
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, Electronics and Electrical Engineering, Electrical and Electronics Engineering, Electronics and Instrumentation Engineering, Instrumentation and Control Engineering, Physical Science, Engineering Science , Instrumentation Engineering, Engineering Physics. OR M.S./ M.Sc. in Physics, Space Physics, Space Science, Space Science and Technology (ii) A valid score in any one of the following: a. GATE in any one of these subjects - 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 student is eligible and wishes to apply for more than one Department, he/she has to submit the application fee for the respective Departments separately.

1. **Age limit: 28 years as on 04.05.2016.** Age relaxation is applicable to SC/ST/Persons with disability (PWD) category as per Government of India Orders. **No age relaxation for OBC and women candidates**
2. **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:

1. **Only Indian citizens are eligible to apply.**
2. **Applications received online only will be considered for processing under any circumstances.**
3. **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.**
4. **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.**
5. **SC/ST/OBC (Non-Creamy Layer)/Persons with Disabilities (PWD) candidates shall upload the relevant certificate before the prescribed date.**
6. **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.**
7. **Reservation of seats for SC/ST/OBC/PWD is applicable as per Govt. of India Orders.**
8. **Application fee is Rs.600/- per Department (for SC, ST, PWD and women candidates Rs.300/- per Department).**
9. **The application fee is non-refundable.**
10. **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.**
11. **No TA/DA is admissible for written test/interview. The shortlisted students are advised to make their own arrangements for travelling and lodging for attending written test/interview in Thiruvananthapuram.**
12. **List of shortlisted students for written test/interview will be displayed in IIST website. Shortlisted students may download call letter from the website.**
13. **Students who are expected to complete the degree course in the academic year 2015-2016 are also eligible to apply provided the consolidated mark list/mark lists of all semesters along with Degree Certificate shall be produced on or before October 31, 2016. 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, 2016 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, 2016, 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.**
14. **Selected students will be given scholarship as per UGC/MHRD 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 students have to bring the challan copy for the respective courses at the time of the interview as proof.**
18. **Students who are selected for the admission have to join the course immediately. Classes for these students will tentatively commence on July 25, 2016.**

IMPORTANT DATES		
Sl. No.	Event	Date
1.	Opening of IIST website for online submission of applications	April 07, 2016- 1000 hrs
2.	Closing of IIST website for online submission of applications	May 04, 2016- 1700 hrs
3.	Last date for payment of application fee	May 12, 2016
4.	Tentative date for Display of short listed students for interview	May 18, 2016
5.	First phase Interview for open category students (Non-	June 06-10, 2016

	sponsored students)	
6.	Tentative date of Display of interview result – Phase I	June 20, 2016
7.	Last date for payment of first semester fees for students selected in Phase I	June 30, 2016
8.	Second phase Interview for open category students (Non-sponsored students) will be conducted only if seats remain unfilled after the first phase of interview of shortlisted students. [Students with GATE scores less than those students called for interview in the first phase will be called for in the second phase].	July 13-14, 2016
9.	Tentative date for Display of interview result – Phase II	July 18, 2016
10.	Last date for payment of first semester fees for students selected in Phase II	July 22, 2016
11.	Date of reporting for all selected students for M.Tech/MS 2016-17	July 22, 2016
12.	Tentative date for commencement of classes	July 25, 2016