

**Table 1: M.Tech. Programmes in Various Departments/ Programmes.**

S.No.	Department/ Degree/ Programme	Discipline Code	Code (for Choices)	No. of Seats <sup>#</sup>
1.	<b>Department of Aerospace Engineering – M.Tech. in Aerospace Engineering</b>			
	Aerospace Engineering	AE1	AE1Y	15
2.	<b>Department of Applied Mechanics – M.Tech. in the following programmes</b>			
	Computational and Experimental Mechanics	AM1	AM1Y	12
	Biomedical Engineering	AM2	AM2Y	8
3.	<b>Department of Biotechnology – M.Tech. in Bioprocess Engineering</b>			
	Bioprocess Engineering	BT1	BT1Y	12
4.	<b>Department of Civil Engineering – M.Tech. in Civil Engineering</b>			
	Building Technology and Construction Management	CE1	CE1Y	10
	Environmental Engineering	CE2	CE2Y	9
	Geotechnical Engineering	CE3	CE3Y	10
	Hydraulic and Water Resources Engineering	CE4	CE4Y	8
	Structural Engineering	CE5	CE5Y	14
	Transportation Engineering	CE6	CE6Y	9
5.	<b>Department of Chemical Engineering – M.Tech. in Chemical Engineering</b>			
	Chemical Engineering	CH1	CH1Y	32
6.	<b>Department of Computer Science and Engineering – M.Tech. in Computer Science and Engineering</b>			
	Computer Science and Engineering	CS1	CS1Y	67
7.	<b>Department of Electrical Engineering – M.Tech. in Electrical Engineering</b>			
	Communication and Signal Processing	EE1	EE1Y	22
	Power Systems and Power Electronics	EE2	EE2Y	12
	Microelectronics and VLSI Design	EE3	EE3Y	12

	Control and Instrumentation	EE4	EE4Y	10
	RF and Photonics	EE5	EE5Y	8
	Integrated Circuits and Systems	EE6	EE6Y	14
8.	<b>Department of Mathematics – M.Tech. in Industrial Mathematics and Scientific Computing</b>			
	Industrial Mathematics and Scientific Computing	MA1	MA1Y	25
9.	<b>Department of Mechanical Engineering – M.Tech. in Mechanical Engineering</b>			
	Thermal Engineering	ME1	ME1Y	44
	Mechanical Design	ME2	ME2Y	25
	Manufacturing Engineering	ME3	ME3Y	25
10.	<b>Department of Metallurgical and Materials Engineering – M.Tech. in Metallurgical and Materials Engineering</b>			
	Metallurgical and Materials Engineering	MM1	MM1Y	27
11.	<b>Department of Ocean Engineering – M.Tech. in Ocean Engineering</b>			
	Ocean Structures	OE1	OE1Y	18
	Ocean Technology*	OE2*	OE2Y*	10
12.	<b>Department of Physics – M.Tech. in Functional Materials and Nanotechnology</b>			
	Functional Materials and Nanotechnology	PH1	PH1Y	12
<b>Interdisciplinary M.Tech. Programmes</b>				
13.	M.Tech. in Catalysis Technology (Coordinating Dept. – Chemical Engineering)	CA1	CA1Y	8
14.	M.Tech. in Clinical Engineering (Coordinating Dept. – Biotechnology)	CL1	CL1Y	19
15.	M.Tech. in Petroleum Engineering (Coordinating Dept. – Ocean Engineering)	PE1	PE1Y	14
<b>GRAND TOTAL</b>				<b>511</b>

Y – With Half-Time Teaching Assistantship (HTTA)

# The number of seats is subject to change.

\* Assistantship sponsored by Earth System Science Organization - Ministry of Earth Sciences (ESSO-MoES). ESSO-MoES supports a maximum of 10 students for M.Tech. including up to 2 candidates from ESSO-NIOT.