

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

Department/ Degree/ Programme	Discipline Code	Code (for Choices)	No. of Seats#
<b>Department of Aerospace Engineering</b>			
Aerospace Engineering	AE1	AE1Y	15
		AE1N	28
<b>Department of Applied Mechanics</b>			
Computational and Experimental Mechanics	AM1	AM1Y	12
		AM1N	5
Biomedical Engineering	AM2	AM2Y	8
		AM2N	5
<b>Department of Biotechnology</b>			
Bioprocess Engineering	BT1	BT1Y	12
		BT1N	5
<b>Department of Civil Engineering</b>			
Building Technology and Construction Management	CE1	CE1Y	10
Environmental Engineering	CE2	CE2Y	10
		CE2N	4
Geotechnical Engineering	CE3	CE3Y	10
		CE3N	4
Hydraulic and Water Resources Engineering	CE4	CE4Y	8
		CE4N	1
Structural Engineering	CE5	CE5Y	14
		CE5N	4
Transportation Engineering	CE6	CE6Y	8
		CE6N	4
<b>Department of Chemical Engineering</b>			
Chemical Engineering	CH1	CH1Y	32
		CH1N	7
<b>Department of Computer Science and Engineering</b>			
Computer Science and Engineering	CS1	CS1Y	67
<b>Department of Electrical Engineering</b>			
Communication and Signal Processing	EE1	EE1Y	20
		EE1N	2
Power Systems and Power Electronics	EE2	EE2Y	11
		EE2N	2
Microelectronics and VLSI Design	EE3	EE3Y	10
		EE3N	3
Electronic System Design and Instrumentation	EE4	EE4Y	8
		EE4N	1
RF and Photonics	EE5	EE5Y	8
		EE5N	2
Integrated Circuits and Systems	EE6	EE6Y	13
		EE6N	3
Control and Optimization	EE7	EE7Y	8
		EE7N	1

Department/ Degree/ Programme	Discipline Code	Code (for Choices)	No. of Seats <sup>#</sup>
<b>Department of Mathematics</b>			
Industrial Mathematics and Scientific Computing	MA1	MA1Y	25
<b>Department of Mechanical Engineering – M.Tech. in Mechanical Engineering</b>			
Thermal Engineering	ME1	ME1Y	44
		ME1N	14
Mechanical Design	ME2	ME2Y	25
		ME2N	10
Manufacturing Engineering	ME3	ME3Y	25
		ME3N	8
<b>Department of Metallurgical and Materials Engineering</b>			
Metallurgical and Materials Engineering	MM1	MM1Y	27
<b>Department of Ocean Engineering</b>			
Ocean Structures	OE1	OE1Y	18
Ocean Technology	OE2	OE2Y	10
Petroleum Engineering	PE1	PE1Y	14
<b>Department of Physics</b>			
Functional Materials and Nanotechnology	PH1	PH1Y	12
<b>Interdisciplinary M.Tech. Programmes</b>			
M.Tech. in Chemical Engineering – Specialization in Catalysis Technology. <b>(Coordinating Dept. – Chemical Engineering)</b>	CA1	CA1Y	8
		CA1N	2
M.Tech. in Clinical Engineering <b>(Coordinating Dept. – Applied Mechanics)</b>	CL1	CL1Y	19
		CL1N	5

**Table 1.1 : M.A. Programmes**

Department/ Degree/ Programme	Discipline Code	Code (for Choices)	No. of Seats <sup>#</sup>
<b>Department of Humanities and Social Sciences</b>			
English Studies	HS1	HS1N	25
Development Studies	HS2	HS2N	25
Economics	HS3	HS3N	25

Y – With Half-Time Teaching Assistantship (HTTA)

N – Without any financial assistance(Non-HTTA)

<sup>#</sup> 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.

**The number of seats is subject to change.**