

Table 3: M.Tech. Programmes: Eligible Disciplines, Seats available, Qualifying GATE Paper and Additional Requirements.

S.No	Programme Code	Eligible Discipline Codes	Qualifying GATE Paper	No. of Seat HTTA	Additional Requirements
1	AE1	AE	AE, CE, ME, XE	5	Degree obtained through distance education/ correspondence mode/ Associate Membership holders/ GATE paper XE/ Curriculum must match for Qualifying Discipline ZE/ZS. Please see Table 3.1
		ME		7*	
		AU, CE, CH, EN, MF, MM, NA, PR		2*	
		CS,EC,EE,IN,ZE,ZS		1*	
2	AM1	AE, AU, CE, CH, ME, MM, NA, PR, ZE	AE, CE, CH, ME, MT, XE	12	Degree obtained through distance education/ correspondence mode/ Associate Membership holders/ GATE paper XE/ Curriculum must match for Qualifying Discipline ZE/ZS. Please see Table 3.1
	AM2	BM	AE, BM, CE, CH, CS, EC,EE, IN, ME, MT, XE	3	
		IN		2*	
AE, CE, CH, CS, EC, EE, ME, MM, ZE	3*				
3	BT1	AE, AG, AR, AU, BI, BM, BT, CE, CH, CR,CS, EC, EE, EN, EP, ES, IE, IN, IT, ME, MF, ML, MM, MR, NA, PE, PI, PR, ZE	BT, CH	12	Nil
4	CA1	CH, ZE	CH, CY	5	Degree obtained through distance education/ correspondence mode/ Associate Membership holders. Please see Table 3.1
		CY, ZS		3	
5	CE1	CE	AR, CE	7	Nil
		AR		2	
		ZE		1*	
	CE2	CE	AG, BT, CE, CH, ES, ME, XE	7	Nil
		AG, BT, CH, ES, ME, ZE		2*	
	CE3	CE	CE	9	Nil
		ZE		1*	
	CE4	CE	AG, CE, ES, ME, XE	5	Nil
		AG		2*	
		ES, ME, ZE		1*	
	CE5	CE	CE	13	Nil
		ZE		1*	
CE6	CE	AR, CE	7	Nil	
	AR, ZE		2*		

S.No	Programme Code	Eligible Discipline Codes	Qualifying GATE Paper	No. of Seat HTTA	Additional Requirements
6	CH1	BI, CH, ES, ZE, ZS	CH	27	Degree obtained through distance education/ correspondence mode/ Associate Membership holders. Please see Table 3.1
		BI,CE,CH,ES,ZE,ZS	ES	5*	
7	CL1	AE, AG, AR, AU, BI, BM, BT, CE, CH, CR, CS, EC, EE, EN, EP, ES, IE, IN, IT, ME, MF, ML, MM, MR, NA, PE, PI, PR, ZE	AE, BM, BT, CE, CH, CS, EC, EE, IN, ME, MN, MT, PI, TF, XE	19	Nil
8	CS1	AE, AG, AR, AU, BI, BM, BT, CE, CH, CR, CS, EC, EE, EN, EP, ES, IE, IN, IT, ME, MF, ML, MM, MR, NA, PE, PI, PR, ZE, CY, GG, MA, MC, MP, MS, NT, OR, PH, ST, ZL, ZS	CS	67	Degree obtained through distance education/ correspondence mode and Associate Membership holders/ Curriculum must match for Qualifying Discipline ZE/ZS. Please see Table 3.1
9	EE1	EC, EE, EP, IN, ZE	EC	22	Associate Membership holders/ Curriculum must match Qualifying Discipline ZE/ZS. Please see Table 3.1
	EE2	EC, EE, EN, EP, IN, ZE	EE	12	
	EE3	EC, EE, EP, IN, ZE	EC	12	
	EE4	BM, EC, EE, EP, IN, ZE	BM, EC, EE, IN	10	
	EE5	PH, EP	PH, EC, EE, IN	2	
		EC, EE, IN, ZE	EC, EE, IN	6	
EE6	EE, EC, EP, IN, ZE	EC, EE, IN	14		
10	MA1	MA	AE, AG, AR, BM, BT, CE, CH, CS, CY, EC, EE, EY, GG, IN, MA, ME, MN, MT, PE, PH, PI, ST, TF	16	Degree holders obtained through distance education/ correspondence mode. Please see Table 3.1
		PH		4*	
		AE, CE, CH, CS, EC, EE, ME, MM, NA		5*	
11	ME1	ME, AE, CH	AE, AG, AR, BM, BT, CE, CH, CS, CY, EC, EE, ES, EY, GG, IN, MA, ME, MN, MT, PE, PH, PI, ST, TF, XE, XL	42	Nil
		AU, EN, MR, PE, ZE, ZS		2*	
	ME2	ME, AE, AU		23	
		ZE, ZS		2*	
	ME3	ME, IN, MF, ML, PI, PR		23	
		AE, AU, EC, EE, IE, ZE		2*	

S.No	Programme Code	Eligible Discipline Codes	Qualifying GATE Paper	No. of Seat HTTA	Additional Requirements
12	MM1	MM	AE, AG, AR, BM, BT, CE, CH, CS, CY, EC, EE, ES, EY, GG, IN, MA, ME, MN, MT, PE, PH, PI, ST, TF, XE, XL	21	Degree obtained through distance education/ correspondence mode/ Associate Membership holders/ GATE paper XE/ Curriculum must match for Qualifying discipline ZE/ZS. Please see Table 3.1
		BT, CH, CR, CY, ME, MF, MS, NT, PH, PR, ZE, ZS		6*	
13	OE1	CE, NA	CE, XE	18	Degree obtained through distance education/ correspondence mode/ Associate Membership holders/ GATE paper XE. Please see Table 3.1
14	OE2	CE, ME, NA	CE, ME, XE	10**	
15	PE1	AE, AG, AR, AU, BI, BM, BT, CE, CH, CR, CS, EC, EE, EN, EP, ES, IE, IN, IT, ME, MF, ML, MM, MR, NA, PE, PI, PR, ZE, CY, GG, MA, MC, MP, MS, NT, OR, PH, ST, ZL, ZS	PE	14	Nil
16	PH1	PH	AE, AG, AR, BM, BT, CE, CH, CS, CY, EC, EE, EY, GG, IN, MA, ME, MN, MT, PE, PH, PI, ST, TF, XE, XL	7	Curriculum must match for Qualifying Discipline ZE. Please see Table 3.1
		EP, NT		3*	
		CY, EE, MM, MS, ZE		2*	

The number of seats is subject to change.

* The indicated number will be considered as the maximum number of available seats for that group of eligible disciplines, and the seats will be allotted from the combined merit list (along with discipline mentioned in the first row)

** Assistantship sponsored by Earth System Science Organization-Ministry of Earth Sciences (ESSO-MoES)

Table 3.1: Eligibility Constraints for (I) Qualified via Distance Education/ Correspondence Mode, (II) Associate Membership holders, (III) Qualifying Discipline ZE/ ZS, (IV) GATE Paper XE.

Department	Programmes applied for	Eligibility Constraints				
		Qualified via Distance Education/ Correspondence Mode	Associate Membership holders	GATE Paper XE	Qualifying Discipline ZE	Qualifying Discipline ZS
Aerospace Engineering	AE1	Yes (I)	Yes (I)	Yes (I)	Yes (I)	Yes (I)
Applied Mechanics	AM1 & AM2	Yes (I)	Yes (I)	Yes (I)	Yes (I)	No
Biotechnology	BT1, CL1	No	No	No	No	No
Chemical Engineering	CA1	Yes (I)	Yes (I)	No	No	No
	CH1	Yes (I)	Yes (I)	No	No	No
Civil Engineering	CE1, CE2, CE3, CE4, CE5 & CE6	No	No	No	No	No
Computer Science	CS1	Yes (I & II)	Yes (I & II)	No	Yes (I)	Yes (I)
Electrical Engineering	EE1, EE2, EE3, EE4, EE5 & EE6	No	Yes (I & II)	No	Yes (I & II)	No
Mathematics	MA1	Yes (I & III)	No	No	No	No
Metallurgical Materials Engineering	MM1	Yes (I)	Yes (I)	Yes (I)	Yes (I)	Yes (I)
Mechanical Engineering	ME1, ME2	No	No	No	No	No
	ME3	No	No	No	No	No
Ocean Engineering	OE1, OE2	Yes (I & II)	Yes (I & II)	Yes (I & II)	No	No
	PE1	No	No	No	No	No
Physics	PH1	No	No	No	Yes (I)	No

Tentative Method of Interaction by the Concerned Department:

I. Curriculum Suitability:

The candidate has to upload the curriculum of Qualifying Discipline for checking curriculum suitability test by the concerned Departments.

II. Online/ Phone call:

The candidate must be available during 03-05 May 2021 for an online meeting or phone call interaction, if required.

III. Suitability Test/Interview at IIT Madras:

If the above condition(s) is/ are fulfilled, a Suitability Test and Interview may be conducted by the concerned department, if required.