

Table 7: Eligibility for admission to different postgraduate programmes based on GATE Paper, applicant's academic background, seat distribution and mode of selection for the year 2018-19

Course Code	Specialization	Major		Minor		Total Seats	Mode of Admission		Qualifying Degree	Qualifying Discipline
		Paper	Seats	Paper	Seats		GATE Score only	GATE Score + interview		
AE	Aerospace Engineering	AE	20	ME,CE	4	24	Yes		A	AN, AE, CE, ME
AG1	Farm Machinery and Power	AG	17	ME	2	19	Yes		A	AG, ME
AG2	Land and Water Resources Engineering	AG	16	CE	2	18	Yes		A	AG, CE
AG3	Food Process Engineering	AG	23	CH,ME,XE-G	7	30	Yes		A	AG, FET, FPE, CH, DT, ME, FT
AG4	Agricultural Biotechnology	BT	10	XL-Q,XL-R,XL-S	10	20	Yes		A,C,D,E	BT, AGS, BC, GE, LB, MB
AG6	Agricultural Systems and Management	AG	15	XL-Q,XL-R,XL-S	4	19	Yes		A,C,D	AG, AGS, AI, BC, LB, MB
AR	City Planning	AR	42			42	Yes		A,B,G	AR, CE
AT	Embedded Controls and Software	CS, EC, EE, IN	12			12	Yes		A	AL,AP,CA,CU,CQ,CR,CS,CSS,CSE,CCE,EL,EE,EEE,EO,EA,EN,EC,EI,ETE,ECS,ED,IS,IT,ICT,IR,IN,TE,
BT	Biotechnology and Biochemical Engg	BT	18	XL-Q,XL-R,XL-S,XL-T	6	24	Yes		A,C,D	BCH, BC, BP, BS, BT, BB, GE, LS, LB, LZ, MB
CE1	Hydraulic and Water Resources Engg	CE	20			20	Yes		A	CE
CE2	Transportation Engineering	CE	20			20	Yes		A	CE
CE3	Environmental Engg, and Management	CE	16	CH	2	18	Yes		A	CH, CE
CE4	Geotechnical Engineering	CE	18			18	Yes		A	CE
CE5	Structural Engineering	CE	20			20	Yes		A	CE
CH	Chemical Engineering	CH	75			75	Yes		A	CH
CL	Earth System Science and Technology	PH,MA, GG,CE,AG,AE,ME	21	XE-B,XE-H,XE-E	10	31	Yes		A,D	AE, AG, AI, AS, CE, ES, EV, GG, MA, ME, NA, PH
CR	Cryogenic Engineering	XE-B,XE-C,CH, XE-E,EE,ME,PH,IN	21			21	Yes		A,D	CH, EE, EP,IN, MS, MAE, MD, ME, PH, SP, SC
CS	Computer Science and Engineering	CS	67			67	Yes		A,D,F	AL,AP,CA,CU,CQ,CR,CS,CSS,CSE,CCE,EL,EE,EEE,EO,EA,EN,EC,EI,ETE,ECS,ED,IS,IT,ICT,IR,IN,MA,MK,SE,TE
EC2	Microelectronics and VLSI Design	EC	29			29	Yes		A	EEE, EN, EC, ETE
EC3	RF and Microwave Engineering	EC	28			28	Yes		A	EC, ETE
EC4	Telecommunication Systems Engg,	EC	28			28	Yes		A	EC, ETE
EC5	Visual Information and Embedded Systems Engineering	EC	28			28	Yes		A	EC, ETE

Course Code	Specialization	Major		Minor		Total Seats	Mode of Admission		Qualifying Degree	Qualifying Discipline
		Paper	Seats	Paper	Seats		GATE Score only	GATE Score + interview		
EE1	Machine Drives and Power Electronics	EE	18			18		Yes	A	EE, EEE, EY, PQ, PW, PS
EE2	Control System Engineering	EE,IN	12	EC	6	18		Yes	A	AC, AL, AP, EE, EEE,EO, EC, EI, ECS, IN, IR, RE, RA
EE3	Power and Energy Systems	EE	18			18		Yes	A	EE, EEE, EY, PQ, PW, PS
EE4	Instrumentation and Signal Processing	EE,IN	12	EC	6	18		Yes	A	AL, AP, EE, EEE, EO, EC, EI, ECS, IR, IN, RD, RE, RA
ET	Multimedia Information Processing	CS,EC,EE,IN,MA,PH	15			15	Yes		A,D,F	AL,AP,CA,CU,CQ,CR,CS,CSS,CSE,CCE,EL,EE,EEE, EO, EA, EN, EC, EI, EM, EP,IN, IS, IT, ICT, IL, MA, MK, PH, SE, SS
GG1	Exploration Geosciences	GG	24			24	Yes		C,D	ES,EX,GG,GS
GS	Wireless Communications and Networks	EC	10			10	Yes		A	EC, ETE
ID	Infrastructure Design and management	AR, CE	22	CS,EE,IN,ME	9	31	Yes		A,B	AR, CE, CF, IK
IM	Industrial Engineering & Management	ME,PI	13	AE,AG,CE,CH,CS,EC,E E, IN, MN, MT	12	25	Yes		A	AE, AG, CH, CE, CR, CS, CSE, CSS, CCE, EL, EE, EEE, EN, EC, EI,ETE,IP, IE, IM,IS, IT,ICT,IR,IN, MC, MF,MME,MAE,MD, ME,MT,MES, MN, PW,PS,PI, PR
MA	Computer Science and Data Processing	MA	25	EC, EE,PH	9	34	Yes		A,C, D	MA, EC, EE,PH
ME1	Manufacturing Science and Engg.	ME	20	PI,MT,XE-C	6	26	Yes		A	MF, ME, MT, PI, PR, IP
ME2	Thermal Science and Engineering	ME	33			33	Yes		A	ME, PW
ME3	Mechanical Systems Design	ME	38	AE,XE-D	6	44	Yes		A	AE, ME, MY, MP
MN	Mining Engineering	MN	16	CE, ME, PE	6	22	Yes		A	CE, CP, CF, CTE, MAE, MD, ME, MY, ML, MN, MW, PE
MS	Materials Science and Engineering	CY,PH	19	CH,MT,XE-C,XE-F	10	29	Yes		A,C,D	CZ, CW, CC, CG, CH, CY, EP, MME, MS, MI, MT, MMS, PH, PM, PN, PC, PP, SP
MT	Metallurgical and Materials Engineering	MT	48	XE-C, CE, ME	6	54	Yes		A	CZ, CW, CC, CG, CH, CJ, CEE, EP, MC, MF, MME, MS, MI, MD, ME, MY, MT, MH, MES, MMS, ML
OE	Ocean Engineering and Naval Architecture	AE, CE, ME	10	XE-B,XE-D, XE-E	10	20	Yes		A	AE, CE, HOE, MR, ME, NA, NF,NB,NO,OE, SB
RR	Railway Engineering	CE	5	ME, EE	5	10	Yes		A	CE, EE, ME
RE	Quality and Reliability Engineering	AE,CE,CH, CS, EC, EE,IN ME,MN,PI	18	XE-C, XE-D	2	20	Yes		A	AN,AE,AC,AL,AP,AT,AD,AV,CH,CE,CP,CTE,CA,CU,CQ,CR,CS,CSS,CSE,CCE,DM,EL,EE,EEE,EO,EN,EC,EI,ETE,ECS,ED,IP,ID,IE,IM,IT,ICT,IR,IN,MM,MC,MF,MV,MME,MS,M I,MD,ME,MY,MP,MQ,MN,MW,MX,MO,NA,NF,NB,NO, NP,NS,OR,PO,PY,PE,PPE,POE,PQ,PW,PS,PI,PR,RE,RA,S F,SB,SE,SC,TE,TR,UP
RT	Rubber Technology	XE-C,XE-E,XE-F,CY	14	CH, ME,PI,TF	10	24	Yes		A, C, D	CH,CY, MS, ME, PL,PC,PM, PN, PP, RP,RT,TF
PH1	Functional Materials and Devices	PH	20	XE-C	5	25	Yes		A,D	AL, AP, EEE, EO, ED, EP, MS, PH
SM	Biomedical Engineering	AE,AG,XE-B,BT,XE- C,CE,CH,CS,CY,XE-D,XE- E,EC,EE,EY,XE-F,XE- G,IN,MA,ME,MT,PH,XL- Q,XL-R,XL-S,XL-T,XL-U	15			15	Yes		A,D	AN,AE,AG,AL,AP,AM,BCH,BC,BE,BI,BM,BP,BS,BT,BN,B PT,BB,CZ,CW,CB,CH,CJ,CEE,CY,CE,CU,CQ,CR,CS,CSE,EL ,EE,EEE,EO,EA,EN,EC,EI,ETE,ECS,ED,EY,ET,EP,EV,FS,FET ,FPE,FT,FB,GE,IB,IN,IR,LS,LV,LB,LZ,MC,MF,MME,MS,M I,MA,MK,MAE,MD,ME,MY,MP,MT,MH,MES,MMS,MB, MZ,NT,PTB,PH,PW,RE,RA,RT
ES	Energy Science and Engineering	EE,CH,ME,XE-B,XE-C,XE- D,XE-E,XE-F,XE-H	15			15	Yes		A	CB, CH, CJ, CEE, EE, EEE, EY, ESP, ET, ME, MY
WM	Water Engineering and Management	AG	8	CE,CH	4	12	Yes		A	AG, AI, CH, CJ, CE, CF, EV, IK, IW, WR