

4.10: Eligibility and Selection Criteria to Different PG Programmes through GATE JMP 2023-2024

Course Code	Specialization	Major		Minor		Total	Mode of Selection	Degree	Discipline
		GATE Paper(s)	Seats	GATE Paper(s)	Seats				
AE	Aerospace Engineering	AE	18	CE, EE, ME	11	29	GATE Score	A	AC,AE,AL,AN,CE,EE,EO,ME
AG1	Farm Machinery and Power	AG	19	ME	5	24	GATE Score	A	AG,ME
AG2	Land and Water Resources Engineering	AG	18	CE	4	22	GATE Score	A	AG,CE
AG3	Food Process Engineering	AG	26	CH, XE-G, ME	12	38	GATE Score	A	AG,CH,DT,FET,FPE,FT,ME
AG4	Agricultural Biotechnology	BT	9	XL-Q, XL-R, XL-S	11	20	GATE Score	A,C,D,F	AGS,BC,BT,GE,LB,MB
AG5	Aquacultural Engineering	AG	10	XE-B, CE, CH, XE-E	4	14	GATE Score	A	AG,CE,CH,OE
AG6	Agricultural Systems and Management	AG	18	XL-Q, XL-R, XL-S	6	24	GATE Score	A,C,D	AG,AGS,AI,BC,LB,MB
AR1	City Planning	AR, B1, B2	52			52	GATE Score	A,B	AR,CP
AR2	Architecture (Sustainable Built Environments)	AR, B1	20			20	GATE Score	B	AR
AT1	Embedded Controls and Software	CS, EC, EE, IN	14			14	GATE Score	A	CEE,CQ,CR,CS,CSE,CSF,CSS,CU,CYE,EC,ECS,ED,EE,EEE,EFP,EI,EL,EN,EO,ETE,ICT,IN,IR,IS,IT,MO,MP,RA,RD,RE,TE
AT2	Electric Transportation	EE	10	EC, IN, ME	5	15	GATE Score	A	AP,CCE,EA,EC,ECS,ED,EE,EEE,EI,EL,EM,EN,EO,ET,ETE,EY,ICT,IN,IR,ME,MK,MO,PW,RA,RE,TE
BT	Biotechnology and Biochemical Engineering	BT	22	XL-Q, XL-S	7	29	GATE Score	A,C	BB,BCH,BE,BI,BP,BS,BT
CE1	Hydraulic and Water Resources Engineering	CE	25			25	GATE Score	A	CE,CF,CP,WR
CE2	Transportation Engineering	CE	25			25	GATE Score	A	CE,CF,CP,CTE,TR
CE3	Environmental Engineering and Management	CE, ES	22			22	GATE Score	A	CE,EV
CE4	Geotechnical Engineering	CE	22			22	GATE Score	A	BCT,CE,CF,CP
CE5	Structural Engineering	CE	25			25	GATE Score	A	CE,CEN
CH	Chemical Engineering	CH	93			93	GATE Score	A	CH
CL	Earth System Science and Technology	AE, AG, XE-B, CE, GG-G2, XE-H, MA, ME, PH, ST	38			38	GATE Score	A,D	AE,AG,AGS,AM,AN,AS,CE,ES,EVS,EX,MA,ME,MK,NO,OE,PH,SC,SS,WR
CR	Cryogenic Engineering	AE, EE, IN, ME	18	XE-B, XE-C, CH, XE-E, PH	9	27	GATE Score + Interview	A,D	AN,CH,CHT,CJ,EE,EEE,EI,EO,EP,ET,EY,GA,IN,IR,MD,ME,PH,PO,POE,PS,C,SC,SP
CS	Computer Science and Engineering	CS	84			84	GATE Score	A,D,F	AL,AP,CA,CCE,CQ,CR,CS,CSE,CSS,CTT,CU,CYE,EC,ECS,EE,EEE,EI,EL,ELC,EN,ETE,ICT,IS,IT,MK,SE,TE
EC2	Microelectronics and VLSI Design	EC	38			38	GATE Score	A	EC,EEE,EI,EN,ETE

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EC3	RF and Microwave Engineering	EC	34			34	GATE Score	A	EC,EEE,ETE
EC4	Communications and Signal Processing	EC	34			34	GATE Score	A	EC,ETE
EC5	Vision and Intelligent Systems	EC	34			34	GATE Score	A	EC,EEE,ELC,ETE
EE1	Machine Drives and Power Electronics	EE	22			22	GATE Score + Interview	A	EE,EEE,PQ,PW
EE2	Control System Engineering	EE, IN	16	EC	6	22	GATE Score + Interview	A	AL,AP,EC,ECS,EE,EEE,EI,EO,ETE,IN,IR,RA,RE
EE3	Power and Energy Systems	EE	22			22	GATE Score + Interview	A	EE,EEE,POP,PQ,PS,PW
EE4	Instrumentation and Integrated Electronics	EE, IN	16	EC	6	22	GATE Score + Interview	A	AL,AP,BN,EA,EC,ECS,ED,EE,EEE,EI,EL,EM,EN,EO,ETE,IN,IR,MQ,OP,RA, RD,RE,TE
EE5	Signal Processing And Machine Learning	EC, EE	20	IN	5	25	GATE Score + Interview	A	AP,CCE,EA,EC,ECS,ED,EE,EEE,EI,EL,EN,EO,ETE,ICT,IN,IR,MK,MO,RA,R D,RE,TE
ES	Renewable Energy Technologies	XE-B, BT, XE-C, CY, XE-E, XE-F, PH, XL-Q, XL-S	12	CE, EE, IN, ME, MN, MT, PE, PI	8	20	GATE Score	A,D	ABT,AD,AE,AF,AG,AGS,AL,AM,AMB,AP,AT,BB,BC,BCH,BCT,BE,BI,BP,B PT,BS,BT,CB,CCE,CE,CEE,CF,CH,CHT,CJ,CO,CP,CQ,CR,CS,CSE,CSS,CTE, CTT,CU,CYE,EC,ECS,ED,EE,EEE,EEP,EI,EL,ELC,EN,EO,EP,ES,ESP,ET,ETE, EV,EVS,EY,GA,IB,IC,ICT,ID,IE,IG,IK,IM,IN,IP,IR,IS,IT,IW,MAE,MB,MC,M D,ME,MES,MF,MI,MK,MME,MMS,MS,MT,MY,MZ,NT,OG,PC,PCT,PE, PN,PO,POE,POP,POS,PP,PPE,PQ,PS,PST,PV,PW,PY,SA,SP,TR
GG1	Exploration Geosciences	GG-G1, GG-G2	29			29	GATE Score	C,D	ES,EVS,EX,GG,GS
GS	Wireless Communications and Networks	EC	24			24	GATE Score	A	AL,AP,AV,CA,CCE,CQ,CR,CS,CSE,CSS,CTT,CU,CYE,EA,EC,ECS,ED,EE,EEE ,EEP,EI,EL,ELC,EM,EN,EO,ETE,ICT,IN,IR,IS,IT,MK,MO,MP,MQ,MV,OP, PQ,PS,PV,RD,SE,TE
ID	Infrastructure Design and Management	AR-B2, GE-B-SI, CE, EC, ES	30	AR-B1, GE-B-SII, CS, EY	10	40	GATE Score	A,B	AH,AR,BCT,CE,CEN,CF,CP,CTE,EV,GI,PA,TR,WR
IM	Industrial Engineering and Management	CE, CS, EC, EE, ME, PI	20	AE, AG, CH, IN, MN, MT, ST	12	32	GATE Score	A	AE,AG,AN,CCE,CE,CH,CQ,CR,CS,CSE,CSS,CTE,CU,DM,EC,ED,EE,EEE,EI, EL,ELC,EN,ETE,ICT,ID,IE,IM,IN,IP,IR,IT,MC,MD,ME,MES,MF,MH,MI,M K,MM,IMME,MMS,MN,MS,MT,OR,PR,TR
MA	Computer Science and Data Processing	MA	27	EC, EE, PH, ST	14	41	GATE Score	A,C,D	EC,EE,ETE,MA,MK,PH,SS
ME1	Manufacturing Science and Engineering	ME	24	PI	8	32	GATE Score	A	IP,MC,ME,MF,MT,PI,PR
ME2	Thermal and Fluids Engineering	ME	33	AE, XE-B, XE-E	8	41	GATE Score	A	AE,AN,ME,PW
ME3	Mechanical Systems Design	ME	54			54	GATE Score	A	AE,AM,AN,ME,MY

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MI1	Safety, Health and Environment	MN	6	CE, PE	5	11	GATE Score	A	BB,CE,CF,CP,CTE,ML,MN,PE
MI2	Geomechanics for Mineral and Energy Resources	MN	6	CE, CH, EE, ME, PE, PI	5	11	GATE Score	A	CE,CF,CH,CJ,CP,CTE,EE,EI,ET,GS,MD,ME,ML,MN,MW,PE,PPE,PW
SM1	Biomedical Engineering	BM, EE, IN, PH, ST	12	BT, CS, EC, MA	8	20	GATE Score	A,D	AL,BI,BM,BN,BP,BT,EC,EE,EI,IN,MP,MQ,PH
SM2	Medical imaging and Informatics	BM, EE, IN, ST	12	BT, CS, EC, PH	8	20	GATE Score	A,D	BM,BN,BP,BT,EC,EE,EI,IN,IS,IT,MQ,PH
MS	Materials Science and Engineering	CY, PH	28	XE-C, XE-F	10	38	GATE Score	A,C,D	CC,CG,CW,CY,CZ,EA,EP,IC,MS,NT,PC,PH,PL,PM,PN,PP,RP,RT,SA,SP
MT	Metal and Materials Engineering	MT	50	XE-C, CH, ME, PI	17	67	GATE Score	A	IE,IM,IP,MD,ME,MES,MF,MH,MI,MME,MMS,MS,MT,MY,NT,PR,WT
NA	Ocean Engineering and Naval Architecture	NM	10	AE, XE-B, XE-C, CE, XE-D, XE-E, ME	15	25	GATE Score	A	AC,AD,AE,AM,AN,AT,CE,CEN,CF,CP,CTE,DM,HOE,ID,IE,IK,IM,IP,MAE,MC,MD,ME,MF,MM,MP,MR,MY,NA,NB,NF,NO,OE,PI,PR,SB,TR,WT
PH1	Functional Materials and Devices	PH	18	XE-C, EC, EE, IN, MT, PH	14	32	GATE Score	A,D	EA,EC,ECS,ED,EE,EEE,EEP,EI,EL,ELC,EM,EN,EO,EP,ET,ETE,EY,IR,MH,MI,MME,MMS,MS,MT,PH,PSC,PW,RD,SA,SP,TE
RE	Quality and Reliability Engineering	AE, BM, CH, CS, EC, EE, IN, ME, PI	25			25	GATE Score	A	AC,AD,AE,AL,AM,AN,AP,AT,AV,BM,BN,CCE,CH,CQ,CR,CS,CSE,CSS,CU,CYE,DM,EC,ECS,ED,EE,EEE,EEP,EI,EL,ELC,EN,EO,ETE,ICT,IE,IM,IN,IP,MAE,MC,MD,ME,MF,MP,MQ,MV,MX,MY,PI,PQ,PR,PS,PW,SC,SE,TE
RJ	Technology Innovation and Entrepreneurship	AE, AG, AR, XE-B, AR-B1, AR-B2, BM, GE-B-SI, GE-B-SII, BT, XE-C, CE, CH, CS, CY, XE-D, XE-E, EC, EE, ES, XE-F, XE-G,, IN, ME< MN, MT, NM, PE, PH, PI, XL-Q, XL-R, XL-S, TF, XL-U	20			20	GATE Score + Interview	A,B,D	ABT,AC,AD,AE,AF,AG,AGS,AH,AI,AL,AM,AMB,AN,AP,AR,AS,AT,AV,BB,BC,BCH,BCT,BE,BI,BM,BMS,BN,BP,BPT,BT,CA,CB,CC,CCE,CE,CEE,CEN,CF,CG,CH,CHT,CJ,CO,CP,CQ,CR,CS,CSE,CSF,CSS,CT,CTE,CTT,CU,CW,CX,CY,CYE,CZ,DM,DT,EA,EC,ECS,ED,EE,EEE,EEP,EI,EL,ELC,EM,EN,EO,EP,ET,ETE,EV,EX,EY,FB,FD,FEC,FET,FPE,FS,FSP,FT,FW,FY,GA,GE,GG,GI,GS,HOE,IB,IC,ICT,ID,IE,IG,IK,IM,IN,IO,IP,IR,IS,IT,IW,JFT,LB,LS,LT,MA,MAE,MB,MC,MD,ME,MES,MF,MFT,MH,MI,MK,ML,MM,MME,MMS,MN,MO,MP,MQ,MR,MS,MT,MV,MW,MX,MY,MZ,NA,NB,NF,NO,NP,NS,NT,OE,OG,OP,OR,OT,PA,PB,PC,PCT,PE,PET,PG,PH,PI,PL,PM,PN,PO,POE,POP,POS,PP,PPE,PQ,PR,PS,PSC,PST,PT,PU,PV,PW,PY,RA,RD,RE,RP,RT,SA,SB,SC,SE,SF,SL,SP,ST,SU,TC,TE,TF,TR,TT,UP,WR,WT
RT	Rubber Technology	XE-B, XE-C, CH, CY, XE-F	24	ME, PI, TF	8	32	GATE Score	A,D	CH,CHT,CJ,CY,JFT,MD,ME,MI,MS,PC,PCT,PET,PL,PM,PN,POS,PP,PR,PS,TR,RP,RT,TF,TT
WM	Water Engineering and Management	AG	7	CE, CH	7	14	GATE Score	A	AG,CE,CH