

Table 4.10: Eligibility and Selection Criteria to Different PG Programmes through GATE, JMP 2022-23

Prog Code	Name of Programme	Major		Minor		Total	Admission Mode	Qualifying Degree	Qualifying Discipline
		GATE Paper	Seats	GATE Paper	Seats				
AE	Aerospace Engineering	AE	15	CE,EE,ME	14	29	Gate Score	A	AE,AN
AG1	Farm Machinery and Power	AG	19	ME	5	24	Gate Score	A	AG,ME
AG2	Land and Water Resources Engg	AG	18	CE	4	22	Gate Score	A	AG,CE
AG3	Food Process Engineering	AG	26	CH,G,ME	12	38	Gate Score	A	AG,CH,DT,FET,FPE,FT,ME
AG4	Agricultural Biotechnology	BT	12	Q,R,S	13	25	Gate Score	A,C,D,F	AGS,BC,BT,GE,LB,MB
AG5	Aquacultural Engineering	AG	10	B,CE,CH,E	4	14	Gate Score	A	AG,CE,CH,OE
AG6	Agricultural Systems and Mgmt	AG	18	Q,R,S	6	24	Gate Score	A,C,D	AG,AGS,AI,BC,LB,MB
AR	City Planning	AR,B1,B2	52			52	Gate Score	A,B	AR
AT1	Embedded Controls and Software	CS,EC,EE,IN	14			14	Gate Score	A	CCE,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 Engg	BT	21	Q,S	8	29	Gate Score	A,C	AMB,BB,BC,BCH,BE,BI,BPT,BS,BT,CB,CH,CHT,FB,IB,IG,LS,MB,MZ
CE1	Hydraulic and Water Resources Engg	CE	25			25	Gate Score	A	CE,CF,CP,WR
CE2	Transportation Engineering	CE	25			25	Gate Score	A	CE,CF,CP,TR
CE3	Environmental Engg. and Mgmt	CE	15	CH,ES	7	22	Gate Score	A	CE,CH,CP,EV
CE4	Geotechnical Engineering	CE	22			22	Gate Score	A	BCT,CE,CF,CP
CE5	Structural Engineering	CE	25			25	Gate Score	A	BCT,CE,CF,CP
CH	Chemical Engineering	CH	93			93	Gate Score	A	CH
CL	Earth System Science and Tech.	AE,AG,CE,CH,G1,G2,MA,ME,PH	28	B,E,H	10	38	Gate Score	A,D	AE,AG,AI,AS,CE,CH,ES,EV,GG,MA,ME,NA,NO,OE,PH
CR	Cryogenic Engineering	B,C,CH,E,PH	9	AE,EE,IN,ME	18	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,PSC,SC,SP
CS	Computer Science and Engg	CS	84			84	Gate Score	A,D,F	CA,CCE,CQ,CR,CS,CSE,CSS,CU,EC,ECS,EE,EEE,EI,EL,EN,ETE,ICT,IS,IT,MK,SE
EC2	Microelectronics and VLSI Circuits	EC	38			38	Gate Score	A	EC,EEE,EN,ETE,TE
EC3	RF and Microwave Engineering	EC	34			34	Gate Score	A	EC,EEE,EN,ETE,TE
EC4	Communications and Signal Processing	EC	34			34	Gate Score	A	EC,EEE,EN,ETE,TE
EC5	Vision and Intelligent Systems	EC	34			34	Gate Score	A	EC,EEE,EN,ETE,TE
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

Table 4.11: Eligibility and Selection Criteria to Different PG Programmes through GATE, JMP 2022-23

SPL Code	Specialization	Major		Minor		Total	Admission Mode	Qualifying Degree	Qualifying Discipline
		GATE Paper	Seats	GATE Paper	Seats				
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,MO,OP,RA,RD,RE,TE
EE5	Signal Processing & 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,RD,RE,TE
ES	Renewable Energy Technologies	B,BT,C,CY,E,F,PH,Q	9	EE,IN,ME,MN,MT,PE,PI	6	15	Gate Score	A,D	AE,AG,AL,AN,AT,BB,BC,BCH,BE,BP,BPT,BS,BT,CB,CE,CEE,CF,CH,CJ,CW,CY,CZ,EE,EEE,EI,EN,EO,ESP,ET,EY,IB,IC,IG,IK,IN,IP,IR,MAE,MC,MD,ME,MES,MF,MH,MI,MME,MMS,MN,MS,MT,MW,MY,NP,NS,NT,PC,PE,PH,PI,PM,PN,PO,POE,POP,PP,PPE,PQ,PR,PS,PW,PY,SA,UP
GG1	Exploration Geosciences	G1,G2	29			29	Gate Score	C,D	ES,EX,GG,GS
GS	Wireless Communications and Networks	EC	12			12	Gate Score	A	EC
ID	Infrastructure Design and Management	AR,B1,B2,CE	30	B-SI,B-SII,ES	10	40	Gate Score	A,B	AH,AR,CE,CF,CP,CTE,GI,IE,IK,IM,PA,TR
IM	Industrial Engineering and Management	ME,PI	14	AE,AG,CE,CH,CS,EC,EE,IN,MN,MT	18	32	Gate Score	A	AE,AG,AN,CCE,CE,CH,CQ,CR,CS,CSE,CSS,CU,EC,EE,EEE,EI,EL,EN,ETE,ICT,IE,IM,IN,IP,IR,IS,IT,MAE,MC,MD,ME,MES,MF,MME,MN,MT,PI,PR,PS,PW
MA	Computer Science and Data Processing	MA	27	EC,EE,PH,ST	14	41	Gate Score	A,C,D	EC,EE,ETE,MA,PH,SS
ME1	Manufacturing Science and Engineering	ME	28	PI	4	32	Gate Score	A	IP,MC,ME,MF,MT,PI,PR
ME2	Thermal and Fluids Engineering	ME	36	AE,B,E	5	41	Gate Score	A	AE,AN,ME,PW
ME3	Mechanical Systems Design	ME	54			54	Gate Score	A	AE,AM,AN,ME,MY
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
MS	Materials Science and Engineering	CY,PH	28	C,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 Engg.	MT	52	C,CH,ME,PH	15	67	Gate Score	A	CC,CEE,CG,CH,CJ,CW,CZ,EP,MC,MD,ME,MES,MF,MH,MI,ML,MME,MMS,MP,MS,MT,MY,PH,PR
NA	Ocean Engineering and Naval Architecture	NM	14	AE,CE,ME	11	25	Gate Score	A	AE,AN,CF,CP,MAE,MD,ME,NA,NB,NF,NO,OE

Table 4.12: Eligibility and Selection Criteria to Different PG Programmes through GATE, JMP 2022-23

SPL Code	Specialization	Major		Minor		Total	Admission Mode	Qualifying Degree	Qualifying Discipline
		GATE Paper	Seats	GATE Paper	Seats				
PH1	Functional Materials and Devices	PH	18	C,EC	14	32	Gate Score	A,C,D,F	AL,AM,AP,CA,CCE,CG,CH,CHT,CJ,CQ,CR,CS,CSE,CTT,CU,CW,CYE,CZ,EA,EC,ECS,ED,EE,EEE,EEP,EI,EL,EM,EN,EO,EP,ET,ETE,EY,MA,MD,ME,MES,MH,MI,MK,MME,MMS,MT,NP,NS,NT,OP,PC,PT,PH,POS,PP,PQ,PS,PSC,PST,PV,RD,RP,RT,SA,SC,SP,SS,TE
RE	Qualify 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,EE,E,E,EEP,EI,EL,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	AG,CH,CS,EC,EE,ME,PI	12	AE,AR,B,B1,B2,BM,B-SI,B-SII,BT,C,CE,CY,D,E,ES,F,G,H,IN,MN,MT,NM,PE,PH,Q,R,S,T,TF,U	8	20	Gate Score	A,B,D	ABT,AC,AD,AE,AF,AG,AGS,AH,AI,AL,AM,AMB,AN,AP,AR,AT,AV,BB,BC,BCH,BCT,BE,BI,BM,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,EM,EN,EO,EP,ESP,ET,ETE,EV,EY,FB,FD,FET,FPE,FS,FSP,FT,FW,FY,GA,GE,GI,GS,HOE,IB,IC,ICT,ID,IE,IG,IK,IM,IN,IP,IR,IS,IT,IW,JFT,LB,LS,LT,LV,LZ,MA,MAE,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,PB,PC,PC,T,PE,PET,PG,PH,PI,PL,PM,PN,PO,POE,POP,POS,PP,PPE,PQ,PR,PS,PSC,PST,PT,PTB,PU,PV,PW,PY,RA,RD,RE,RP,RT,SA,SB,SC,SE,SF,SL,SP,SS,ST,SU,TC,TE,TF,TR,TT,UP,WR,WT
RT	Rubber Technology	CH,CY,F	18	B,E,ME,PI,TF	11	29	Gate Score	A,D	CH,CHT,CY,MC,MD,PC,PCT,PET,PI,PL,PM,PN,POS,PST,RP
SM1	Biomedical Engineering	BM,BT,IN,ST	12	CS,EC,EE,PH	7	19	Gate Score	A,D	AL,BM,BN,BP,BT,EC,EE,EI,IN,MP,MQ,PH
SM2	Medical imaging and Informatics	BM,BT,IN,ST	12	CS,EC,EE,PH	8	20	Gate Score	A,D	BM,BN,BP,BT,CQ,CS,CSE,EC,EE,EI,IN,IT,MP,MQ,PH
WM	Water Engineering and Management	AG	10	CE,CH,ES	4	14	Gate Score	A	AG,AI,CE,CH,CP,EV,IK,IW,WR