ELIGIBILITY FOR ADMISSION TO VARIOUS PROGRAMS (TENTATIVE)

B.E./ B. Tech./B. Arch. Programs

Sl. No.	Course	Eligibility
B.E./ B.Tech.	Bachelor of Engineering / Bachelor of Technology	a) Second year Pre-University or XII standard or equivalent examination recognized by the University (with Physics and Mathematics as compulsory subjects, along with any one of the following subjects, namely, Chemistry, Bio-Technology, Computer Science, Biology and Electronics) b) Admission to II year/ III semester Bachelor Degree in Engineering/ Technology (Lateral Entry) shall be open to the candidates who are holders of a diploma or equivalent qualification as recognized by University
B.Arch.	Bachelor of Architecture	(a) Two year Pre-University examination conducted by the Karnataka State Pre-University Board with Mathematics as a subject of study; or (b) 10+2 of the Central Board of Secondary Education (C.B.S.E.) with Mathematics as a subject of study; or (c) Three-Year Diploma in any stream recognized by Government of Karnataka, or any other State government or Central government or any other Diploma qualification considered equivalent there to by this University (d) International Baccalaureate Diploma, after 10 years of Schooling; or (e) Any other examination recognized by the University as equivalent thereto.

M.E./M.TECH./M.ARCH. Programs

Sl. No.	Course	Eligibility
1	Aeronautical Engineering	Bachelor's Degree Engineering in Aeronautical/ Mechanical Engineering/ Electrical & Electronics Engineering/Electronics & Communication Engineering/ Civil Engineering/ Industrial Engineering& Management/Industrial Production/ Automobile Engineering or equivalent degree; AMIE in appropriate branch. GATE: ME, EE, EC, CE, PI
2	Automotive Engineering.	Bachelor's Degree in Mechanical Engg. / Automobile Engineering / Industrial Production & Engineering / Manufacturing Science & Engineering / Industrial Engineering & Management.
3	Bio-Medical Electronics and Industrial Instrumentation	Bachelor's Degree in Bio-Medical Engineering/ Medical Electronics / Electrical & Electronics/ Electronics & Communication / Instrumentation Engineering/ Electronics & Telecommunication/ Telecommunication or equivalent degree; AMIE in appropriate branch. GATE: EE, EC, IN

4	Bio-Medical Signal Processing and Instrumentation	Bachelor's Degree in Bio-Medical Engineering/ Medical Electronics / Electrical & Electronics/Electronics & Communication/ Instrumentation Engineering/ Computer Science & Engineering/Electronics & Telecommunication / Telecommunication or equivalent degree; AMIE in appropriate branch. GATE: EE, EC, IN, CS
5	Building Construction and Management	Bachelor's Degree in Civil Engineering/Transportation Engineering / Architecture, or equivalent degree; AMIE in appropriate branch, GATE: CE, AR
6	Chemical Engineering	Bachelor's Degree in Chemical Engineering / Polymer Engineering/ Ceramics & Cement Tech./ Bio-Technology or equivalent degree; AMIE/AMICHE in appropriate branch. GATE: CH
7	Computational Fluid Dynamics	Bachelor's Degree in Mechanical Engineering / Automobile Engineering / Industrial Production & Engineering / Manufacturing Science & Engineering / Industrial Engineering & Management / chemical Engineering / Biotechnology.
8	Communication Systems	Bachelor's Degree in Electronics & Communication / Electronics & Telecommunication/ Telecommunication or equivalent degree; AMIE in appropriate branch. GATE: EC
9	Computer Aided Design of Structures	Bachelor's Degree in Civil Engineering or equivalent degree; AMIE in appropriate branch. GATE: CE
10	Computer Aided Design of Structures and Substructures	Bachelor's Degree in Civil Engineering or equivalent degree; AMIE in appropriate branch. GATE: CE
11	Computer Application in Industrial Drives	Bachelor's Degree in Electrical & Electronics / Electronics & Telecommunication/ Electronics & Communication/Telecommunication / Instrumentation Tech. or equivalent degree; AMIE in appropriate branch. GATE: EE, EC,IN
12	Computer Engineering	Bachelor's Degree in Computer Science & Engineering / Electronics & Communication Engineering/ Electrical & Electronics Engineering/ Information Science & Engineering/ Instrumentation/Electronics & Telecommunication Engineering/ Telecommunication Engineering, or equivalent degree; AMIE in appropriate branch. GATE: CS, EC, EE, IT,IN
13	Computer Integrated Manufacturing	Bachelor's Degree in Mechanical Engineering/ Industrial Production Engineering/ Automobile Engineering/ Manufacturing Engineering/ Industrial Engineering & Management/ Industrial Engineering & Manufacturing or equivalent degree; AMIE in appropriate branch. GATE: ME, PI
14	Computer Network Engineering	Bachelor's Degree in Electronics & Communication / Electronics & Telecommunication / Telecommunication / Computer Science & Engineering / Information Science & Engineering or equivalent degree; AMIE in appropriate branch. GATE: EC, CS, IT

15	Computer Science and Engineering	Bachelor's Degree in Computer Science `and Engineering/ Electronics & Communication Engineering/ Electrical & Electronics Engineering/Information Science Engineering/ Instrumentation/Telecommunication Engineering or equivalent degree; AMIE in appropriate branch, GATE: CS,EC,EE,IN,IT
16	Construction Engineering and Management	Bachelor's Degree in Civil Engineering / Architecture or equivalent degree; AMIE in appropriate branch. GATE: CE, AR
17	Construction Technology	Bachelor's Degree in Civil Engineering/ Transportation Engineering or equivalent degree; AMIE in appropriate branch. GATE: CE
18	Design Engineering	Bachelor's Degree in Mechanical Engineering /Industrial Production Engineering / Automobile Engineering / Manufacturing Engineering/ Industrial Engineering & Manufacturing or equivalent degree; AMIE in appropriate branch, GATE: ME, PI
19	Digital Communication Engineering	Bachelor's Degree in Electronics & Communication/ Electronics & Telecommunication / Telecommunication / Instrumentation Technology or equivalent degree; AMIE in appropriate branch, GATE: EC, IN
20	Digital Communication and Networking	Bachelor's Degree in Electronics & Communication Engineering/ Telecommunication Engineering/ Information Technology/ Computer Science & Engineering or equivalent degree; AMIE in appropriate branch, GATE : CS, EC, IT
21	Digital Electronics	Bachelor's Degree in Electronics & Communication/ Instrumentation Technology/ Electronics & Telecommunication / Telecommunication / Electrical & Electronics / Computer Science & Engineering/ Information Science & Engineering/Bio-Medical Engineering / Medical Electronics or equivalent degree; AMIE in appropriate branch. GATE: EC, IN, EE, CS, IT
22	Digital Electronics and Communication	Bachelor's Degree in Electronics & Communication/ Instrumentation Technology / Electronics & Telecommunication / Telecommunication, or equivalent degree; AMIE in appropriate branch. GATE: EC, IN
23	Digital Electronics and Communication Systems	Bachelor's Degree in Electronics & Communication/ Instrumentation Technology/ Electronics & Telecommunication /Telecommunication, or equivalent degree; AMIE in appropriate branch. GATE: EC, IN
24	Electrical Energy Systems	Bachelor's Degree in Electrical & Electronics Engineering /Instrumentation or equivalent degree; AMIE in appropriate branch. GATE: EE, IN
25	Electronics	Bachelor's Degree in Electronics & Communication/ Instrumentation Technology/ Electronics & Telecommunication / Telecommunication / Electrical & Electronics / Bio-Medical Engineering/ Medical

		Electronics or equivalent degree; AMIE in appropriate branch. GATE: EC, IN, EE
26	Electronics and Communication	Bachelor's degree in Electronics & Communication/ Tele-communication or equivalent degree; AMIE in appropriate branch. GATE: EC
27	Energy Systems and Management	Bachelor's Degree in Electrical & Electronics/ Mechanical/ Industrial Production/Industrial Engineering & Management or equivalent degree; AMIE in appropriate branch. GATE: EE, ME, PI
28	Energy System Engineering	Bachelor's Degree in Mechanical Engineering/ Industrial & Production Engineering/ Automobile Engineering/Electrical & Electronics Engineering/ Chemical Engineering/ Metallurgy Engineering/ Industrial Engineering & Management / Manufacturing Engineering or equivalent degree; AMIE in appropriate branch. GATE: ME, EE, CH, MT, PI
29	Engineering Analysis and Design	Bachelor's Degree Engineering in Mechanical Engineering/ Automobile Engineering/ Industrial production Engineering/ Manufacturing Science/ Industrial Engineering/ Production Engineering or equivalent degree; AMIE in appropriate branch. GATE: ME, PI
30	Environmental Engineering	Bachelor's Degree in Environmental Engineering / Civil Engineering / **Construction Technology & Management** /Chemical Engineering /Polymer Sc. & Tech. or equivalent degree. Also candidates holding Mechanical Engineering/ Mining Engineering with 3 Years Experience in Environmental Dept/Organization; AMIE in appropriate branch. GATE: CE,CH, ME, MN
31	Geo - informatics	Bachelor's Degree in Civil Engineering/ Mining/ Transportation Engineering/ Environmental Engineering/Agricultural Engineering/ Architecture or equivalent degree; Computer Science, Information Technology, Electronics & Communication Engg, Electrial & Electronics Engg., AMIE in appropriate branch. GATE: CE, MN, AG, AR
32	Geo-Technical Engineering	Bachelor's Degree in Civil Engineering/Transportation Engineering or equivalent degree; AMIE in appropriate branch. GATE: CE
33	Ground Engineering	Bachelor's Degree in Civil Engineering / Transportation Engineering or equivalent degree; AMIE in appropriate branch. GATE: CE
34	Industrial Automation and Robotics	Bachelor's Degree in Mechanical Engineering/ Automobile Engineering/ Industrial & Production Engineering / Industrial Engineering & Management / Manufacturing Science & Engineering / Electrical and Electronics Engineering / Electronics & Communication Engineering /Industrial Engineering& Manufacturing/Instrumentation Technology/ Computer Science & Engineering or equivalent degree; AMIE in appropriate branch. GATE: ME, EE, EC,PI, IN, CS

35	Industrial Electronics	Bachelor's Degree in Electronics & Communication / Instrumentation Technology / Electronics & Telecommunication/ Telecommunication/ Electrical & Electronics/ Bio-Medical Engineering/ Medical Electronics or equivalent degree; AMIE in appropriate branch. GATE: EC, IN, EE
36	Industrial Structures	Bachelor's Degree in Civil Engineering or equivalent degree; AMIE in appropriate branch. GATE: CE
37	Information and Communication Systems	Bachelor's Degree in Electronics & Communication/ Electronics & Telecommunication / Telecommunication / Instrumentation Engineering or equivalent degree; AMIE in appropriate branch. GATE: EC, IN
38	Information Technology	Bachelor's Degree in any branch of Engineering (other than CS&E and IS&E), or equivalent degree; GATE: AR,CE,CH,EC,EE,IN,ME,MN,PI, MT,TF, AG, GG, MA
39	Health Sciences and Water Engineering	Bachelor's degree in Civil Engineering / Environmental Engineering / Transportation Engineering / Medicine or equivalent degree; AMIE in appropriate branch. GATE: CE
40	Highway Engineering	Bachelor's Degree in Civil Engineering/ Transportation Engineering or equivalent degree; AMIE in appropriate branch. GATE: CE
41	Highway Technology	Bachelor's Degree in Civil Engineering / Transportation Engineering or equivalent degree; AMIE in appropriate branch. GATE: CE
42	Hydraulics	Bachelor's Degree in Civil Engineering / Environmental Engineering or equivalent degree; AMIE in appropriate branch. GATE: CE
43	Machine Design	Bachelor's Degree in Mechanical Engineering/ Industrial & Production Engineering/ Automobile Engineering/ Manufacturing Engineering/ Industrial Engineering & Mgmt, or equivalent degree; AMIE in appropriate branch, GATE: ME,PI
44	Maintenance Engineering	Bachelor's Degree in Mechanical Engineering/ Industrial & Production Engineering/ Automobile Engineering/ Industrial & Manufacturing Engineering/Industrial Engineering & Management/ Electrical & Electronics / Metallurgy/ Mining Engineering or equivalent degree; AMIE in appropriate branch. GATE: ME, EE, MT, MN, PI
45	Manufacturing Science and Engineering	Bachelor's Degree in Mechanical Engineering/ Industrial Production Engineering/ Automobile Engineering/ Manufacturing Engineering/Industrial Engineering & Management or equivalent degree; AMIE in appropriate branch, GATE: ME,PI

46	Master of Engineering Management	Bachelor's Degree in any branch of Engineering or equivalent degree; AMIE in appropriate branch. GATE: AR, CE, CH, CS, EC, EE, GG, IN, IT, MA, ME, MN, MT, PI, TF
47	Micro-Electronics and Control Systems	Bachelor's Degree in Electrical & Electronics Engineering / Electronics & Communication or equivalent degree; AMIE in appropriate branch, GATE: EE, EC
48	Networking and Internet Engineering	Bachelor's Degree in Electronics & Communication/ Electronics & Telecommunication /Telecommunication / Electrical & Electronics / Computer Science & Engineering / Information Science & Engineering or equivalent degree; AMIE in appropriate branch. GATE: EC, EE, CS, IT
49	Polymer Science & Technology	B.E. / B.Tech in Polymer Technology / Rubber Technology / Plastic Technology / Chemical Engineering / Mechanical engineering / Industrial and Production Engineering / Textile Technology. Or equivalent degree; AMIE in appropriate branch.
50	Power Electronics	Bachelor's Degree in Electronics & Communication/ Instrumentation Technology/ Telecommunication / Electrical & Electronics / Bio-Medical Engineering/ Medical Electronics equivalent degree; AMIE in appropriate branch GATE: EC, IN, EE
51	Power and Energy Systems	Bachelor's Degree in Electrical and Electronics, or equivalent degree; AMIE in appropriate branch. GATE: EE
52	Power System Engineering	Bachelor's Degree in Electrical & Electronics Engineering or equivalent degree; AMIE in appropriate branch. GATE: EE
53	Power System and Power Electronics	Bachelor's Degree in Electrical & Electronics Engineering or equivalent degree; AMIE in appropriate branch, GATE: EE
54	Pre-Stressed Concrete	Bachelor's Degree in Civil Engineering or equivalent Degree, AMIE in appropriate branch. GATE: CE
55	Product Design and Manufacturing	Bachelor's Degree in Mechanical Engineering/ Industrial & Production Engineering/ Automobile Engineering/ Manufacturing Engineering/Industrial Engineering & Management or equivalent degree; AMIE in appropriate branch, GATE: ME, PI
56	Production Engineering	Bachelor's Degree in Mechanical Engineering/ Industrial & Production Engineering/ Automobile Engineering/ Manufacturing Engineering/Industrial Engineering & Management or equivalent degree; AMIE in appropriate branch, GATE: ME, IP

57	Production Engineering and System Technology	Bachelor's Degree in Mechanical Engineering/ Industrial & Production Engineering/ Automobile Engineering/ Manufacturing Engineering/ Industrial Engineering & Management or equivalent degree, AMIE in appropriate branch, GATE : ME,PI
58	Production Management	Bachelor's Degree in Mechanical Engineering/ Industrial & Production Engineering/ Automobile Engineering/ Manufacturing Engineering/Industrial Engineering & Management or equivalent degree; AMIE in appropriate branch, GATE: ME, PI
59	Production Technology	Bachelor's Degree in Mechanical Engineering/ Industrial & Production Engineering/ Automobile Engineering/ Manufacturing Engineering/Industrial Engineering & Management or equivalent degree; AMIE in appropriate branch, GATE: ME,PI
60	Signal Processing	B.E. / B.Tech. in Electrical & Electronics Engineering / Instrumentation Technology / Electronics & Telecommunication Engineering / Electronics & Communication Engineering / Telecommunication Engineering / Medical Electronics / Biomedical Engineering.
61	Software Engineering	Bachelor's Degree in Computer Science Engineering / Electronics & Communication Engineering/ Information Science and Engineering or equivalent degree; AMIE in appropriate branch. GATE: CS, EC, IT
62	Structural Engineering	Bachelor's Degree in Civil Engineering or equivalent branch; AMIE in appropriate branch. GATE: CE
63	Textile Technology	Bachelor's Degree in Textile Technology/ Silk Technology or equivalent degree; AMIE in appropriate branch. GATE: TF
64	Thermal Engineering Systems Technology	Bachelor's Degree in Production Engineering/ Mechanical Engineering/ Manufacturing Sciences or equivalent degree; AMIE in appropriate branch, GATE: ME,PI
65	Thermal Power Engineering	Bachelor's Degree in Mechanical Engineering/ Industrial Production Engineering/ Automobile Engineering/ Manufacturing Engineering/Industrial & Manufacturing Engineering or equivalent degree; AMIE in appropriate branch, GATE: ME, PI
66	Thermal Sciences Engineering	Bachelor's Degree in Mechanical Engineering/ Manufacturing Science & Engineering/ Industrial Engineering & Maintenance/ Industrial Production Engineering, or equivalent degree; AMIE in appropriate branch GATE: ME, PI
67	Tool Engineering	Bachelor's Degree in Mechanical Engineering/ Industrial Production Engineering/ Manufacturing Engineering/Industrial Engineering & Management/ Automobile Engineering or equivalent degree; AMIE in appropriate branch, GATE: ME, PI

68	Transportation Engg. & Mgmt.	Bachelor's Degree in Civil Engineering/ Transportation Engineering or equivalent degree; AMIE in appropriate branch; GATE: CE.
69	VLSI Design and Embedded Systems	Bachelor's Degree in Electronics & Communication/Instrumentation Engineering / Electronics & Telecommunication / Telecommunication/Electrical & Electronics/ Bio-Medical Engineering/Medical Electronics or equivalent degree; AMIE in appropriate branch. GATE: EC, IN, EE
70	Water and Land Management	Bachelor's Degree in Civil Engineering,/ Environmental Engineering/Transportation Engineering or equivalent degree; AMIE in appropriate branch. GATE: CE
71	Water Resource Engineering	Bachelor's Degree in Civil Engineering or equivalent degree; AMIE in appropriate branch. GATE: CE
72	M.Arch. (Habitat Design)	B.Arch or equivalent
73	M.Arch. (Urban Design)	B.Arch or equivalent
74	Computer Cognition Technology	M.Sc - Computer Science, Information Science, MCA - provided the candidate has a B.Sc degree with Mathematics as an optional subject, BE/B.Tech-Computer Science and Information Science, BE/B.Tech in other branches of Engineering and Technology / M.Sc in Electronics / M.Sc in Physics / M.Sc in Statistics / M.Sc. in Mathematics – provided the candidates with these qualification should have completed a computer based project work or should have worked on computers at least for one full year in their professional career (However the top preference shall be given to cognate candidates) Institutions / Research organisations / industries are encouraged to depute their candidates. But they have to go through same mode of selection. No special reservation is made.
75	Computer Science and Technology	M.Sc. in any discipline / MBA/MCA with Mathematics as an optional subject at graduate level or BE/B.Tech in any branch
76	Industrial Mathematics and Computer Applications	B.Sc. Degree from recognized university with mathematics as one of the subjects. or B.E/ B.Tech. / B.Sc(Engineering) .
77	M. Arch. (Construction & Project Management)	Bachelor's Degre in Architecture/ Civil Engineering

78	M. Arch. (Landscape Architecture)	Bachelor's Degree in Architecture / Bachelor's Degree Landscape Architecture GATE – in Architecture
79	Earthquake Engineering	B.E. in Civil Engineering
80	Advanced Material Technology	B.E. in Mechanical, Manufacturing, Metallurgy, Industrial Engineering Management, Industrial Production
81	Control and Instrumentation	B.E. in Electrical , Electronics, Instrumentation, Medical Electronics, Telecommunication, Bio-Medical
82	Bio informatics	B.E. in chemical, Biotechnology, Computer Science, Information Science, Medical Electronics
83	Web Technologies	B.E. in any branch of Engineering
84	Computational Analysis of Mechanical Sciences	B.E. in Mechanical Engineering

MBA / MCA Programs

84	Master of Business Studies	Any Bachelor Degree from recognized University
85	MBA Infrastructure	Graduates in all disciplines of Engineering
86	Master of Computer Applications	Any Bachelor Degree from recognized University