

Essential Qualification for various Departments

Sl. No	Departments	Branch of Engineering/Discipline
1	Architecture	B.Arch. Or B.Arch. with M.Arch Or equivalent. OR B.Fine Arts with M.Fine Arts in History of Arts/Painting/Sculpture/Applied Art. OR B.E./B.Tech in civil Engg./M.Tech (Civil) OR PhD in appropriate discipline.
2	Bio-Medical	B.E./B.Tech Biomedical Engg./Electronics/Instrumentation/ Instrumentation & Control / Biomedical Instrumentation/ Electronics & Communication or equivalent OR ME/MTech In Biomedical Engg./Biomedical Instrumentation/Bio Electronics/ Bio Mechanics/Instrumentation Engg./ Electronics/Electronics & Instrumentation/Instrumentation & Control /Clinical Engg. / Bio Informatics/Medical Imaging & Image Analysis or equivalent OR B.Pharm followed by M.Tech. or equivalent in Biomedical Engg. OR Ph.D. in appropriate discipline
3	Chemical Engineering	B.E./B.Tech. or equivalent in Chemical Engineering. OR M.E./M.Tech. or equivalent in Chemical Engineering. OR Ph.D. in Chemical Engineering.
4	Physics	M.Sc. with first class in relevant field. OR Ph.D. in appropriate discipline.
5	Humanities and Social Sciences	Professional Communication in English: Master Degree in English with first class / Ph.D. in appropriate discipline. Soft Skills (Personality development /Managerial Skill/ Innovative and Entrepreneurial Skill) : MBA with 1st Class or Master degree in appropriate discipline with first class / Ph.D. in appropriate discipline.
6	Information Technology	B.E./B.Tech. or equivalent in Computer Science & Engg./IT/Electronics OR M.E./M.Tech. or equivalent in Computer Sc. &Engineering / Software Engineering/IT/Information Security/Artificial Intelligence/ Computer Technology OR Ph.D. in appropriate discipline
7	Computer Applications (MCA)	M.E./M.Tech. in Computer Science & Engineering or equivalent OR Master In Comp. Application(MCA) in 1st class OR Ph.D. in appropriate discipline
8	Mechanical Engg.	B.E./B.Tech. in Mechanical Engg or equivalent. OR M.E./ M.Tech. in Machine Design/ Production/ CAD/ CAM/ Thermal Engineering/ Industrial Engg./ Production Engg or equivalent. OR Ph.D. in appropriate discipline
9	Mining Engineering	B.E./B.Tech. in Mining Engg or equivalent. OR M.E./M.Tech in Opencast Mining/ Mine Planning /Rock Excavation Engg ./Rock Mechanics/Mine Surveying/ Underground Coal Mining/ Underground Metal Mining/Mine Ventilation or equivalent. OR Ph.D. in appropriate discipline

10	Applied Geology	M.Tech. in Applied Geology or equivalent OR M.Sc. in Geology with M.Phil/P.G. Diploma OR Ph.D. in Appropriate Discipline
11	Bio-Technology	B.E./B.Tech in Biotechnology/ Biochemical Engg./chemical Engg. or equivalent followed by ME/M.Tech. in Biotechnology/ Biochemical Engg/ Bioinformatics/ Bioprocess Engg./ Environmental Engg./ Bio-engineering/chemical Engg. or equivalent OR Ph.D. in appropriate discipline.
12	Computer Science and Engg.	B.E./B.Tech. or equivalent in Computer Science & Engineering/ Computer Technology/ Information Technology/ Computer Engineering/ Other related area OR M.E./M.Tech. or equivalent in major areas of Computer Sc. & Engg./ Information Technology OR Ph.D. in major areas of Computer Science and Engg. / Information Technology
13	Chemistry	M.Sc. with first class in relevant field. OR Ph.D. in appropriate discipline
14	Civil Engineering	B.E./B.Tech. or equivalent in Civil Engg. OR M.E./M.Tech. or equivalent in one of the desirable specializations OR Ph.D. in appropriate discipline
15	Electrical Engineering	B.E./B.Tech or equivalent in Electrical Engineering/ Electrical & Electronics Engineering OR M.E./M.Tech. or equivalent in Computer Technology/Control System/ Power Electronics/ Power Systems Electric Machines & Drives/ Signal Processing / Instrumentation /Electronics OR Ph.D. in appropriate discipline.
16	Electronics and Telecommunication Engineering	B.E./B.Tech. or equivalent in Electronics & Telecommunication Engineering OR M.E./M.Tech. or equivalent in Electronics & Communication Engineering OR Ph.D. in the major areas of Electronics & Communication Engineering
17	Metallurgy	B.E./B.Tech. in Metallurgical Engg/ Metallurgical & Materials Engg or equivalent. OR M.E./M.Tech. in Metallurgical Engg/Metallurgical & Materials Engg/Materials Engg or equivalent. OR Ph.D. in appropriate discipline
18	Mathematics	M.Sc. with 1 st class in relevant discipline. OR Ph.D. in appropriate discipline
19	Humanities and Social Sciences (Yoga, health and hygiene)	Master Degree in Yoga with first class / Ph.D. in appropriate discipline.