

Eligibility Criteria for Engineering Programmes for the academic year 2022-2023.

BE / B.Tech. (Full time)(All programmes) – 4 YEARS

Eligibility: Passed 10+2 examination with Physics/ Mathematics / Chemistry/ Computer Science/ Electronics/ Information Technology/ Biology/Informatics Practices/ Biotechnology/ Technical Vocational

Subject/ Agriculture/ Engineering Graphics/ Business Studies/ Entrepreneurship as per table 1.0

Agriculture stream (for Agriculture Engineering)

Obtained at least 45% marks (40% marks in case of candidates belonging to reserved category) in the above subjects taken together.

OR

Passed min. 3 years Diploma examination with at least 45% marks (40% marks in case of candidates belonging to reserved category) subject to vacancies in the First Year, in case the vacancies at lateral Entry are exhausted. (Offer suitable bridge courses such as Mathematics, Physics, Engineering drawing, etc., for the students coming from diverse backgrounds to prepare Level playing field and desired learning outcomes of the programme)

TABLE 1.0:

Discipline	Compulsory paper in 10+2	Other relevant papers for this Discipline
Biotechnology, Pharmaceutical Engg., Bio Medical	Phy, Chem	Biology /Biotechnology/ Maths
Civil Engineering, Mechanical,	Phy, Chem, Maths	-
CSE, Artificial Intelligence, ECE, EEE, IT, Medical Electronics, CSE (with Allied Specialties)	Phy, Maths	For remaining single course select any courses of the following : Chemistry/ Computer Science/Electronics/Information Technology/ Biology/ Informatics Practices/ Biotechnology/ Technical Vocational subject/ Agriculture/ Engineering Graphics/ Business Studies/Entrepreneurship

BE / B.Tech. (Lateral Entry): 3 Years

Eligibility: Passed Minimum THREE years / TWO years (Lateral Entry) Diploma examination with at least 45% marks (40% marks in case of candidates belonging to reserved category) in any branch of Engineering and Technology.

OR

Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% marks in case of candidates belonging to reserved category) and passed 10+2 examination with Mathematics as a subject.

OR

Passed D.Voc. Stream in the same or allied sector.

(Offer suitable bridge courses such as Mathematics, Physics, Engineering drawing, etc., for the students coming from diverse backgrounds to achieve desired learning outcomes of the programme)

BE / B.TECH. (PART TIME) - Duration: 3 1/2 Years

Course in BE/ B.TECH.	Qualifying Diploma
<p>Eligibility : Diploma in the relevant Discipline/ Field/ Programme with a Minimum of Two years Full Time work experience in a registered Firm/ Company/ Industry/ Educational and/ Government, Autonomous Organizations in the relevant field in which admission is sought.</p>	
<p>Computer Science and Engineering / Electronics and Communication Engineering / Electrical and Electronics Engineering</p>	<p>Electrical and Electronics / Electronics and Communication / Electronics and Instrumentation / Electronics Engineering (Instrumentation) / Computer Technology / Instrument Technology / Computer Science / Instrumentation and Control / Electrical Engineering (Instruments and Control) / Electrical Engineering (Sandwich) / Information Technology / Electronics (WSI) / Electrical Engineering / Instrumentation Technology / Computer Engineering / Computer Networking / Electrical and Electronics Engg. (Sandwich) / Electronics (Robotics) / Electronics (Robotics) (Sandwich)</p>
<p>Civil Engineering</p>	<p>Civil / Civil and Rural / Civil (Architecture) / Architectural Assistantship / Civil (Sandwich) / Architecture (Sandwich) / Environmental and Pollution Control Engg. / Civil (Rural Technology) / Interior Design / Architectural Assistantship (Sandwich)</p>
<p>Mechanical Engineering</p>	<p>Mechanical / Mechanical and Rural / Mechanical Design & Drafting / Production / Automobile / Metallurgy / Mechatronics / Machine Tool Maintenance and Repairs / Tool and Die Making / Tool Engineering / Foundry Technology / Refrigeration & Air Conditioning / Agricultural / Marine / Mechanical (Production) / Mechanical (Sandwich) / Foundry Technology (Sandwich) / Machine Tool Maintenance and Repairs (Sandwich) / Tool and Die Making (Sandwich) / Production Technology / Tool Design / Mechanical (Tool & Die) / Automobile Technology / Mechanical (Foundry) / Agricultural Technology / Mechanical (R & A.C.) / Electronics (Robotics) / Agricultural Engineering and Farm Equipment Technology / Production (Sandwich) / Mechatronics (Sandwich) / Electronics (Robotics) (Sandwich)</p>

ME / M.Tech. (Full TIME) - Duration: 2 years

Eligibility: Passed Bachelor’s Degree or equivalent in the relevant field with at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying Examination.

Course in ME/ M.TECH.	Qualifying Degree
<p>Biomedical Engineering</p>	<p>Candidate must have completed B.E./B.Tech. In Biomedical Engg. /Medical Electronics/Electronics and Communication Engg/Electronics and Instrumentation Engineering. /Bioengineering.</p>
<p>Biotechnology</p>	<p>Chemical Engineering / Leather Technology / Genetic Engineering / Genetic Technology / Bio-Chemical Engineering/ Bio-Chemical Technology / Industrial Bio-Technology / Petroleum Engineering / Petroleum Technology / Bio-Technology / Petrochemicals Engineering / Petrochemicals Technology / Agricultural Bio-Technology / Petroleum Refining and Petrochemicals Engineering / Chemical and Electrochemical Engineering. (Or) M.Sc. in Bio-Chemistry / Micro-Biology / Bio-Physics / Bio-Technology / Genetics / B.Pharm</p>

Computer Science and Engineering	<p>i) Passed Bachelor's Degree or equivalent in the relevant field Computer Science & Engineering / Information Technology / Software Engineering / Electrical and Electronics Engineering / Electronics and Communication Engineering / Electronics Engineering / Electronics and Instrumentation Engineering / Instrumentation and Control Engineering / Instrumentation Engineering.</p> <p>(Or)</p> <p>M.Sc. (10+2+3+2) years Pattern Information Technology / Computer Science / Software Engineering. M.C.A (10+2+3+3) years Pattern.</p>
Construction Engineering & Management	Passed Bachelor's Degree or equivalent in the relevant field Civil Engineering / Civil and Structural Engineering / Civil Engineering and Planning
Embedded system Technologies	Passed Bachelor's Degree or equivalent in the relevant field B.E. / B.Tech. - Electrical and Electronics Engg. / Electronics and Communication Engg./ Computer Science and Engg. / Instrumentation and Control Engg. / Electronics and Instrumentation Engg. / Information Technology / Electronics Engg. / Instrumentation Engg. / Software Engg. / Electrical Engineering
Industrial Safety and Engineering	Candidate must have completed B.E./B.Tech. (Any branch).
Manufacturing Engineering	Mechanical Engineering / Production Engineering / Automobile Engineering / Aeronautical Engineering / Aerospace Engineering / Mechatronics Engineering / Industrial Engineering / Marine Engineering / Manufacturing Engineering / Material Science Engineering / Metallurgy Engineering / Industrial Safety Engineering / Material Science and Engineering / Rubber & Plastic Technology / Polymer Engineering / Mechanical and Automation Engineering.
Power System Engineering	Electrical and Electronics Engineering.
Pharmaceutical Biotechnology	B.E./B.Tech in Pharmaceutical Engineering/Biotechnology/B.Pharmacy/M.Sc. Biosciences
Structural Engineering	B.E. or B.Tech. degree in Civil Engineering
VLSI Design	Electronics and Communication Engineering / Electrical and Electronics Engineering / Computer Science and Engineering / Instrumentation and Control Engineering / Electronics and Instrumentation Engineering / Information Technology / Electronics Engineering / Instrumentation Engineering / Software Engineering. (Or) M.Sc. Physics / Applied Electronics / Electronics

MBA - Duration: 2 years

Eligibility: Passed Bachelor Degree of minimum 3 years duration with at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying Examination