

ENGINEERING STREAM



Engineering is a broad work category that refers to a trade that uses science and mathematics to solve a variety of problems. Engineers work in disciplines that include mechanical, electrical, chemical, civil, computer science and environmental engineering, among others.

Due to the huge potential for infrastructure development, there is a good demand for engineers. With liberalization of the economy and opening of new companies and sectors, an engineering graduate has myriad of options to start his career.

PROGRAMS & ELIGIBILITY

S.No.	Program	Duration	Mode	Eligibility
01.	B. Tech	4 Years	Semester	Passed 10+2 examination with Physics/ Mathematics /Chemistry/ Computer Science/Electronics/InformationTechnology/ Biology/ Informatics Practices/ Biotechnology/Technical Vocational subject/ Agriculture/ EngineeringGraphics/ Business Studies/Entrepreneurship. (Any of the three) 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 least45% marks (40% marks in case of candidates belonging to reserved category) subject to vacancies in the First Year, incase the vacancies at lateral entry are exhausted.(The Universities will offer suitable bridge courses such asMathematics, Physics, Engineering drawing, etc., for the students coming from diverse backgrounds to achievedesired learning outcomes of the programme)
02.	B. Tech (Lateral Entry)	3 Years	Semester	Passed Diploma Examination from an AICTE approved Institution; with at least 45% marks (40% in case of candidates belonging to reserved category) in appropriate branch of Engineering/Technology. Passed B.Sc. Degree from a recognized university as defined by UGC, with at least 45% marks (40% in case of candidates belonging to reserved category) and passed XII standard with mathematics as a subject. Provided that in case of students belonging to B.Sc. Steam, shall clear the subjects of Engineering Graphics/Engineering Drawing and Engineering Mechanics of the first year Engineering program along with the Second year subjects.
03.	Diploma in Engineering	3 Years	Semester	10+2
04.	Diploma in Engineering (Lateral Entry)	2 Years	Semester	10+2 PCM/ITI (2 years) / 2 years Vocational Course in Relevant Trade/ 3 year Apprenticeship
05.	M. Tech	2 Years	Semester	B. Tech. /B.E in Relevant Subject

B.Tech CS in Collaboration with Xebia

01.	Artificial Intelligence & Machine Learning	4 Years	Semester	Passed 10+2 examination with Physics/ Mathematics /Chemistry/ Computer Science/Electronics/InformationTechnology/ Biology/ Informatics Practices/ Biotechnology/Technical Vocational subject/ Agriculture/ EngineeringGraphics/ Business Studies/Entrepreneurship. (Any of the three) 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 least45% marks (40% marks in case of candidates belonging to reserved category) subject to vacancies in the First Year, incase the vacancies at lateral entry are exhausted.(The Universities will offer suitable bridge courses such asMathematics, Physics, Engineering drawing, etc., for the students coming from diverse backgrounds to achievedesired learning outcomes of the programme)
02.	Cloud Engineering & Devops Automation	4 Years	Semester	
03.	Data Science & Machine Learning	4 Years	Semester	

Design in Collaboration with ImaginXP

01.	B.Design in User Experience(UX)	4 Years	Semester	Passed 10+2 examination
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SPECIALIZATIONS OF B.Tech

Civil , Computer Science, Electrical, Mechanical

SPECIALIZATIONS OF DIPLOMA

Civil , Computer Science, Electrical, Mechanical, Mining

SPECIALIZATIONS OF M.Tech

Civil: Highway Engineering, Structural Engineering

Computer Science: Multimedia Technology, OOSD

Collaborations

Xebia



Please note that B.Tech & Diploma in Engineering Programmes are approved by AICTE.