

S No.	Course Name	Stream	Eligibility Criteria for the Course	Entrance Examination	Duration
1	B. Tech	Computer Science and Engineering	10+2 standard or equivalent with Physics/ Mathematics/ Chemistry/ Computer Science/ Electronics/ Information Technology/ Biology/ Informatics Practices/ Biotechnology/ Technical Vocational subject/ Agriculture/ Engineering Graphics/ Business Studies/ Entrepreneurship as compulsory subjects with individual pass marks and having minimum 45% (40% for Reserve Category) marks taken together in three subjects as mentioned in the table 8.4 in AICTE approval Process Hand Book (Mentioned below) and at least 30% marks in English+valid score/rank in WBJEE/Jee(Main)/CEE-AMPAI-WB current academic year.	WBJEE / Jee (M)/ CEE-AMPAI	4 Years
2		Electronics and Communications Engineering			
3		Information Technology			
4		Electrical Engineering			
5		Civil Engineering			
6		Electronics and Computer Science			
7		Mechanical Engineering			
8		Computer Science and Business System			
9		Computer Science and Technology			
10		Computer Science and Engineering - Artificial Intelligence and Machine Learning			
11		Computer Science and Engineering - Data Science			
1	B. Tech (Lateral)	Computer Science and Engineering	Diploma & B. SC Degree holders having at least 45 % marks (40% in case of reserved category) with valid WBJELET Score. (Pass marks in XII standard with Mathematics in case of B. Sc. Degree holders)	WBJELET	3 Years
2		Electronics and Communications Engineering			
3		Information Technology			
4		Electrical Engineering			
5		Civil Engineering			
6		Electronics and Computer Science			
7		Mechanical Engineering			
8		Computer Science and Business System			
9		Computer Science and Technology			
10		Computer Science and Engineering - Artificial Intelligence and Machine Learning			
11		Computer Science and Engineering - Data Science			
1	M. Tech	Computer Science and Engineering	Bachelor Degree or equivalent in the relevant field and Obtained at least 50% marks (45% in case of reserved Category) at the qualifying Examination with current year GATE/PGET/CEE-AMPAI-MASTERS score	PGET /GATE/CEE-AMPAI	2 Years
2		Electronics and Communication Engineering			
3		Structural Engineering			
4		Power System			
5		Geotechnical Engineering			

1	MCA	Master of Computer Application	BCA/Bachelor's Degree of minimum 3 years duration with Mathematics at 10+2 level or at Graduate level. Obtained at least 50% marks (45% in case of reserved Category) at the qualifying Examination with current year WBJECA/CEE-AMPAI-MASTERS score	WBJECA/CEE-AMPAI	2 Years
1	Diploma	Civil Engineering	Passed 10th standard or equivalent	JEXPO	3 Years
2		Electrical Engineering			
3		Electronics and Communications Engineering			
4		Mechanical Engineering			
1	Diploma (Lateral)	Civil Engineering	Passed Higher Secondary or 10+2 Board Examination or H.S. (Vocational) Examination of WBSCT&VE&SD or equivalent 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 8.4 of AICTE's Approval Process Handbook.	VOCLET	2 Years
2		Electrical Engineering			
3		Electronics and Communications Engineering			
4		Mechanical Engineering			
5	BCA	Bachelor of Computer Application	Passed 10+2 or Equivalent with current year CET rank	CET	4 years
6	BBA	Bachelor of Business Administration	Passed 10+2 or Equivalent with current year CET rank	CET	4 years

APPENDIX-7

Diploma/Under Graduate Engineering Entry level qualification 10+2 level (Table 8.4)

Serial No.	Major Disciplines	Mandatory Courses at 10+2 Level	Other relevant Course(s) for this discipline
1.	Aeronautical Engineering	Phy, Chem, Maths	NA
2.	Agriculture Engineering**	Phy, Chem OR Agriculture stream	Maths/Biology/Biotechnology/Agriculture/ Agriculture stream
3.	Architecture	As per the Norms of the Council of Architecture (CoA)	
4.	Planning	Maths	For remaining two courses select any courses out of 14#
5.	Biotechnology**	Phy, Chem	Select any one from Bio/Biotechnology/Maths
6.	Ceramic Engineering	Phy, Chem, Maths	NA
7.	Civil Engineering	Phy, Chem, Maths	NA
8.	Computer Science and Engineering	Phy, Maths	For remaining single course select any courses out of 14#
9.	Chemical Engineering	Phy, Chem, Maths	NA
10.	Dairy Engineering	Phy, Chem, Maths	NA
11.	Electrical Engineering	Phy, Maths	For remaining single course select any courses out of 14#
12.	Energy Engineering	Phy, Chem, Maths	NA
13.	Electronics Engineering	Phy, Maths	For remaining single course select any courses out of 14#
14.	Mechanical Engineering	Phy, Chem, Maths	NA
15.	Fire and Safety Engineering	Phy, Chem, Maths	NA
16.	Food Engineering	Chem	For remaining two courses select any courses out of 14#
17.	Leather Technology	Chem	For remaining two courses select any courses out of 14#
18.	Marine Engineering	Phy, Chem, Maths	NA
19.	Metallurgy Engineering	Phy, Chem, Maths	NA
20.	Military Engineering	Phy, Chem, Maths	NA
21.	Mining Engineering	Phy, Chem, Maths	NA
22.	Nano Technology	Phy, Chem, Maths	NA
23.	Nuclear Science and Technology	Phy, Chem, Maths	NA
24.	Packaging Technology	Nil	Select any courses out of 14#
25.	Pharmaceutical Engineering**	Phy, Chem	Select anyone from Bio/Biotechnology/Maths
26.	Printing Engineering**	Phy, Chem	For remaining single course select any courses out of 14#
27.	Textile Engineering	Phy, Chem, Maths	NA
28.	Fashion Technology	Nil	Select any courses out of 14#
29.	Textile Chemistry	Chem	For remaining two courses select any courses out of 14#

** First one or two Semesters may be so designed that students with Biology/Biotechnology background have adequate courses on Maths and Vice Versa and then the class is at level studying field for the rest of the semesters. #Physics/ Mathematics / Chemistry/ Computer Science/Electronics/Information Technology/ Biology/ Informatics Practices/ Biotechnology/ Technical Vocational subject/ Agriculture/ Engineering Graphics/ Business Studies/ Entrepreneurship.

N.B.

- i. Reproduced from AICTE Approval Process Handbook 2024-2027, page nos. 107-108
- ii. (For Entry level qualification to specific courses, AICTE Approval Process Handbook 2024-2027 may be consulted)