

**Eligibility Criteria and Duration (All Courses 2023-24)**

Sr.	Name of Courses	Educational qualification required	Duration of Course
1	B.Tech. <ul style="list-style-type: none"> <li>• Computer Science &amp; Engg.</li> <li>• Computer Science &amp; Engg. (Data Sc.)</li> <li>• Electronics &amp; Communication Engg.</li> <li>• Electrical Engg.</li> <li>• Mechanical Engg.</li> <li>• Chemical Engg.</li> <li>• Civil Engg.</li> </ul>	i) All those candidates who have passed the 10+2 examination from a board recognized or established by Central/State Government through a legislation with Physics and Mathematics as compulsory subjects along with one of the following subjects:- Chemistry* / Computer Science / Electronics/Information Technology / Biology / Informatics Practices / Biotechnology / Technical Vocational subject / Agriculture/ Engineering Graphics / Business Studies / Entrepreneurship *Chemistry is mandatory 3 <sup>rd</sup> Subject for B.Tech. Civil Engg., Mechanical Engg. & Chemical Engg. Courses ii) Candidates must secure minimum 45% (40% in case of SC/ST category) aggregate marks in their qualifying examination Preference shall be given to Candidates with JEE Main/Advance score <p style="text-align: center;"><b>OR</b></p> Those candidates who have passed minimum 03 years Diploma examination from Punjab State Board of Technical Education & Industrial Training, Chandigarh or Sant Longowal Institute of Engineering and Technology, Longowal (SLIET), or any such examination from any other recognized State Board of Technical Education with at least 45% marks (40% in case of candidates belonging to reserved category) subject to vacancies in the First Year, in case the vacancies at lateral entry are exhausted. (Suitable bridge courses will be offered 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)	4 years / 8 semesters
2	B.Tech. Lateral Entry <ul style="list-style-type: none"> <li>• Computer Science &amp; Engg.</li> <li>• Computer Science &amp; Engg. (Data Sc.)</li> <li>• Electronics &amp; Communication Engg.</li> <li>• Electrical Engg.</li> <li>• Mechanical Engg.</li> <li>• Chemical Engg.</li> <li>• Civil Engg.</li> </ul>	(i) All those candidates who have passed Diploma examination from an AICTE approved Institution and have obtained at least 45% marks (40% in case of Candidates belonging to reserved category) in appropriate branch of Engineering / Technology shall be eligible to apply. <p style="text-align: center;"><b>OR</b></p> (ii) All those candidates who have 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 shall be eligible to apply as follows: (a) Students who have passed B.Sc. Degree from a recognized University as defined by UGC, shall clear the subject of Engineering Graphics / Engineering Drawing and Engineering Mechanics of the first year engineering program along with second year subjects. (b) Students belonging to B.Sc. Stream may further note that they shall be considered only after filling the supernumerary seats in this category with students belonging to Diploma stream. (iii) Passed D. Voc. Stream in the same or allied sector. Suitable bridge courses may be offered such as Mathematics, Physics, Engineering drawing etc., for the students coming from diverse backgrounds to achieve desired learning outcomes of the programme).	3 years / 6 semesters
3	Bachelor in	i) All those candidates who have passed the 10+2 examination with Physics,	5 years / 10

	Architecture (B.Arch.)	Chemistry and Mathematics, from a board recognized or established by Centre/State Govt. through legislation. OR Passed 10+3 Diploma examination with Mathematics as compulsory subject . ii) The candidate need to qualify NATA (National Aptitude Test in Architecture) conducted by Council of Architecture or JEE II (Architecture) exam.	semesters
4	Diploma <ul style="list-style-type: none"> <li>• Computer Science &amp; Engg.</li> <li>• Electronics &amp; Communication Engg.</li> <li>• Electrical Engg.</li> <li>• Mechanical Engg.</li> </ul>	Passed 10 <sup>th</sup> with Mathematics, Science and English as Compulsory subjects	3 years / 6 semesters
5	Diploma Lateral Entry <ul style="list-style-type: none"> <li>• Computer Science &amp; Engg.</li> <li>• Electronics &amp; Communication Engg.</li> <li>• Electrical Engg.</li> <li>• Mechanical Engg.</li> </ul>	Pass with 50% aggregate marks in ITI (in Technical field) 1 year/ 2 years Certificate course after 10 <sup>th</sup> <b>OR</b> 2 years Diploma from SLIET, Longowal <b>OR</b> 10+2 Vocational (in Technical field) <b>OR</b> 10+2 (Non-Medical) or Equivalent from any recognized Board/ Council.	2 years / 4 semesters
6	B. Planning in Focus Infrastructure	Senior Secondary Examination (12 <sup>th</sup> grade) with Mathematics and English, with passing marks in aggregate  OR 10+3 Diploma in any stream which includes Mathematics and English and recognized by Central/ State Government with passing marks in aggregate.  OR Any other examination recognized equivalent thereto.	4 years / 8 semesters
7	B.Sc.-Computer Science	All those candidates who have passed 10+2 in Non-Medical from recognized Board / University / Council with at least 50% marks (45% marks in case of candidate belonging to Reserved Category) in aggregate.	3 years /6 semesters
8	B.Sc.- Computer Applications and Electronics	Student must have passed 12 <sup>th</sup> or equivalent examination in any stream with at least 50% marks (45% marks in case of candidate belonging to reserved category) in aggregate from any board recognized or established by Centre/State Govt. through a legislation. Students Suitable bridge courses will be offered such as Mathematics, Physics, etc., for the students coming from Non-Science backgrounds.	3 years /6 semesters
9	B.Voc. (Interior Design)	Passed 10+2 or its equivalent examination in any stream conducted by a recognized Board/ University/Council.	3 years /6 semesters
10	B.Voc. (Web and Data Analytics)	Passed 10+2 with Mathematics/ Statistics	3 years /6 semesters

11	Bachelor of Computer Applications (BCA)	Passed 10+2 or its equivalent examination in any stream conducted by a recognized Board/ University/Council.	3 years / 6 semesters
12	Bachelor of Computer Applications (BCA) Lateral Entry	Passed 10+2 with 1 year Diploma in computer application /IT (or its equivalent) from recognized university with Mathematics as course at 10+2 or DIT/DCA level  OR Passed their Matriculation Examination and have also passed three year Diploma in any trade from PSBTEIT, Chd. or such examination from any other recognized state board of technical education or SLIET, Longowal.	2 years / 4 semesters
13	B.Com. (Hons)	Having passed at least +2 examination of Punjab School Education Board or any other equivalent recognized examination, with at least 33 % marks in the aggregate in case of students who have passed 10+2 examination in Commerce,  OR 40% for the students who have opted for two of the following Commerce subjects in 10+2 (a) Accountancy (b) Business Studies (c) Economics (d) Mathematics (e) Office Management and Secretarial Practice (f) Principle and Practice of Insurance (g) Tax Procedure and Practice Secretarial Practice (f) Principle and Practice of Insurance (g) Tax Procedure and Practice  OR 45 % for the other candidates, who have passed 10+2 in any stream	3 years / 6 semesters
14	B.Sc. Agriculture	Student must have passed 12 <sup>th</sup> or equivalent examination in Science/Agriculture with Physics, Chemistry and Mathematics/Biology/Agriculture with at least 50% marks (45% marks in case of candidate belonging to reserved category) in aggregate from any board recognized or established by Centre/ State Govt. through a legislation	4 year / 8 semesters
15	B.Sc. (Food and Nutrition)	Student must have passed 12 <sup>th</sup> or equivalent examination in Science with Physics, Chemistry and Mathematics/Biology with at least 50% marks (45% marks in case of candidate belonging to reserved category) in aggregate from any board recognized or established by Centre/State Govt. through a legislation	3 year / 6 Semesters
16	B.Sc. (Environmental Sciences)	Student must have passed 12 <sup>th</sup> or equivalent examination in any stream with at least 50% marks (45% marks in case of candidate belonging to reserved category) in aggregate from any board recognized or established by Centre/State Govt. through a legislation	3 year / 6 Semesters
17	B.Sc. (Hons.) in Applied Physics	Student must have passed 12 <sup>th</sup> or equivalent examination in Science with Physics, Chemistry and Mathematics with at least 50% marks (45% marks in case of candidate belonging to reserved category) in aggregate from any board recognized or established by Centre/State Govt. through a legislation	3 years / 6 Semesters
18	B.Sc. Non Medical (Applied Science & Humanities)	Student must have passed 12 <sup>th</sup> or equivalent examination in Science with Physics, Chemistry and Mathematics with at least 50% marks (45% marks in case of candidate belonging to reserved category) in aggregate from any board recognized or established by Centre/State Govt. through a legislation	3 years / 6 semesters

19	PG Diploma in Computer Applications (PGDCA)	Student must have passed a graduation in any discipline from a university recognized by UGC	1 years / 2 semesters
20	PG Diploma in Cyber Security & Digital Forensic (PGDCSDF)	Student must have passed a graduation with one subject of Computer Science / Computer Applications from a university recognized by UGC	1 years / 2 semesters
21	Master of Computer Applications (MCA)	Passed BCA/ B.Sc.(CS/IT)/B.Voc with Computer as major subject/Bachelor's Degree in CSE/IT or equivalent Degree of minimum three years duration with at least 50% marks (45% in case of SC/ST category) in qualifying examination. OR Passed BSC./B.com/ BA with Mathematics at 10+2 Level or at Graduation Level (With additional bridge course as per the norms of the concerned University obtained at least 50% marks (45% in case of SC/ST category) in qualifying examination. Bridge Course will be exempted if the candidate apart from above qualification has passed PGDCA or minimum one year diploma in Computer Application/Science/IT or Equivalent from any recognized University/ Institution.	2 years / 4 semesters
22	M.Com.	Three-year bachelor degree in commerce/ management/ Business administration from any university recognized by UGC with at least with 50% marks (45% for SC/ST category). However, students with Hons. degree will get a weightage of 10% of marks obtained in graduation while finalizing the merit. Other government instructions regarding admission will be followed as such.	2 years / 4 semesters
23	Master of Business Administration (MBA)	All those candidates who have passed bachelors degree of minimum three years duration with at least 50% marks (45% marks in case of candidates belonging to reserved category) in any disciplines from the University recognized by the University Grants Commission (UGC)	2 years / 4 semesters
24	Post Graduate Diploma in Business Management (PGDBM)	Student must have passed a Graduation in any discipline from a recognized institute/ university	1 years / 2 semesters
25	Bachelor of Business Administration	Passing of 10+2 or its equivalent examination in any stream conducted by a recognized Board / University / Council. OR Having passed Matriculation examination AND have also passed three year Diploma in any Trade from Punjab State Board of Technical Education & Industrial Training, Chandigarh or such Examination from any other recognized State Board of Technical Education or University, or Sant Longowal Institute of Engineering & Technology, Longowal.	3 years / 6 semesters

26	B.Sc.-Hotel Management and Catering Technology	<p>Passing of 10+2 or its equivalent examination in any stream conducted by a recognized Board / University / Council.</p> <p style="text-align: center;">OR</p> <p>Having passed Matriculation examination AND have also passed three year Diploma in any Trade from Punjab State Board of Technical Education &amp; Industrial Training, Chandigarh or such Examination from any other recognized State Board of Technical Education, or University or Sant Longowal Institute of Engineering &amp; Technology, Longowal.</p>	3 years / 6 semesters
27	M.Tech. Computer Science & Engg.	B.E. / B. Tech. in Computer Science Engineering / IT from any recognized institute/university with at least 50% (45% in case of candidate belonging to reserved category) marks in aggregate. Preference shall be given to Candidates with Valid GATE score	2 years / 4 semesters
28	M.Tech. Electrical Engg.	B.E. / B. Tech. in Electrical/ Electronics & Instrumentation / Applied Electronics /Instrumentation & Control / Electrical & Electronics Engineering from any recognized institute/university with at least 50% (45% in case of candidate belonging to reserved category) marks in aggregate. Preference shall be given to Candidates with Valid GATE score.	2 years / 4 semesters
29	M.Tech. Electronics & Comm Engg	B.E. / B. Tech. in Electronics & Communication /Electronics & Instrumentation / Applied Electronics /Instrumentation &Control / Electrical & Electronics Engineering/ M Sc in Physics (with specialization in Electronics) from any recognized institute/university with at least 50% (45% in case of candidate belonging to reserved category) marks in aggregate. Preference shall be given to Candidates with Valid GATE score.	2 years / 4 semesters
30	M.Tech. Mechanical Engg	B.E. / B. Tech. in Mechanical / Industrial /Production / Manufacturing / Welding /Material Science / Metallurgy Engineering from any recognized institute/university with at least 50% (45% in case of candidate belonging to reserved category) marks in aggregate. Preference shall be given to Candidates with Valid GATE score.	2 years / 4 semesters
31	M.Tech. (Part Time) Environment Science & Engineering	B.E. / B. Tech. in any branch of Engineering from any recognized institute/university with at least 50% (45% in case of candidate belonging to reserved category) marks in aggregate. Preference shall be given to Candidates with Valid GATE score.	3 years / 6 semesters
32	M.Tech. (Part Time) Chemical Engineering	B.E. / B. Tech. in Chemical Engineering from any recognized institute/university with at least 50% (45% in case of candidate belonging to reserved category) marks in aggregate. Preference shall be given to Candidates with Valid GATE score.	3 years / 6 semesters
33	M.Tech. (Part Time) Computer Science & Engineering	B.E. / B. Tech. in Computer Science Engineering / IT) from any recognized institute/university with at least 50% (45% in case of candidate belonging to reserved category) marks in aggregate. Preference shall be given to Candidates with Valid GATE score.	3 years / 6 semesters

34	M.Tech. (Part Time) Electronics & Communication.Engg.	B.E. / B. Tech. in Electronics & Communication / Electronics & Instrumentation / Applied Electronics /Instrumentation &Control / Electrical & Electronics Engineering/ M Sc in Physics (with specialization in Electronics) from any recognized institute/university with at least 50% (45% in case of candidate belonging to reserved category) marks in aggregate. Preference shall be given to Candidates with Valid GATE score.	3 years / 6 semesters
35	M.Tech. (Part Time) Mechanical Engineering	B.E./B. Tech. in Mechanical/Industrial / Production /Manufacturing/ Welding/ Material Science/ Metallurgy Engineering) from any recognized institute/university with at least 50% (45% in case of candidate belonging to reserved category) marks in aggregate. Preference shall be given to Candidates with Valid GATE score.	3 years / 6 semesters
36	M.Tech. Transportation Engg (Part Time)	B.E. / B. Tech. in Civil Engineering from any recognized institute/university with at least 50% (45% in case of candidate belonging to reserved category) marks in aggregate. Preference shall be given to Candidates with Valid GATE score.	3 years /6 semesters
37	Certificate Course in Testing of Building Materials	Student must have passed 10 <sup>th</sup> from any board recognized or established by Centre/State Govt. through a legislation.	6 months
38	Certificate Course in Welding	Student must have passed 10 <sup>th</sup> from any board recognized or established by Centre/State Govt. through a legislation.	6 Months
39	B.Tech. Computer Science & Engg. Hons. / Minor Degree in Data Science	<b>Hons. Degree:</b> Existing students of Electrical Engineering, Electronics and Communication Engineering and Computer Science and Engineering <b>Minor Degree:</b> Students of any branch of engineering.	4 years / 8 semesters
40	Minor degree in Cyber Security (Hons.)	Students of 3 <sup>rd</sup> Semester from any branch of Engineering	-
41	Minor degree in Artificial Intelligence & Machine Learning (Hons.)	Students of 3 <sup>rd</sup> Semester from any branch of Engineering	-
42	Minor Degree in Chemical Engineering	Students studying in other branches of SBSSU, Ferozpur except Chemical Engineering	-
43	Minor Degree/Hons. In Internet of Things (Hons.)	Any candidate undergoing B.Tech. in any branch of engineering in his 3 <sup>rd</sup> Semester onwards may opt for Minor/Hons.Degree in IoT (Internet of Things). Only Major disciplines like Electrical Engineering, Electronics and Communication Engineering and Computer Science and Engineering may opt for Hons. Degree in IoT (Internet of Things). Any other major discipline which is not mentioned above may opt Minor Degree only.	-
44	Minor Degree in Petroleum Engineering	Students studying in B.Tech (Chemical Engineering) of SBSSU, Ferozpur	-