



I. K. Gujral Punjab Technical University, Jalandhar

Eligibility Criteria for AICTE Courses for Academic Session 2018-19

Sr. No.	Course Name	Course Duration	Eligibility Criteria	Based on Merit in the order
1.	B. Architecture	5 Years / 10 Semesters	<p>(i) No candidate, with less than 50% marks in aggregate, shall be admitted to the Architecture course unless he/she has passed an examination at the end of the new 10+2 scheme of Senior School Certificate Examination or equivalent with Mathematics as a subject of examination at the 10+2 level.</p> <p style="text-align: center;">Or</p> <p>Candidates who have passed 10th + 3 year Diploma with subject of Mathematics duly recognized by Central/ State Government as equivalent to 10+2 Level with minimum 50% aggregate marks are also eligible for admission to B. Arch course.</p> <p style="text-align: center;">Or</p> <p>International Baccalaureate Diploma, after 10 years of schooling, with not less than 50% marks in aggregate and with Mathematics as compulsory subject of examination.</p> <p>(ii) All admissions to Architecture degree courses shall be subject to passing of National Aptitude Test in Architecture (NATA) conducted by the council of Architecture and marks secured in the qualifying examination in the ratio of 50:50.</p> <p>(iii) Vacant seats (if any) can be filled on the basis of Paper-2 (JEE-Main) conducted by CBSE or on the basis of an aptitude test in Architecture to be conducted by I.K. Gujral Punjab Technical University, Jalandhar.</p>	<p>1st preference to candidates with National Aptitude Test in Architecture (NATA) conducted by the Council of Architecture with marks secured in the qualifying examination in the ratio of 50:50.</p> <p>2nd Preference to JEE Main (Paper-II) qualified candidates</p> <p>3rd Preference to Aptitude Test Qualified candidates</p>
2.	B. Pharmacy 1 st Year	4 Years / 8 Semesters	<p>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 Chemistry as compulsory subject along with one of the Mathematics/ Biotechnology/ Biology shall eligible to apply. Further as per AICTE Guidelines the candidate should have obtained at least 45% marks (40% in case of candidate belonging to reserve category) in the above subjects taken together.</p> <p style="text-align: center;">OR</p> <p>All those candidates who have passed Diploma Pharmacy from an institute affiliated to Punjab State Board of Technical Education & Industrial Training / Punjabi University, Patiala or any other University or any State Board of Technical Education provided that the diploma or the institute duly approved by the PCI / AICTE.</p>	Inter-se-merit in qualifying examination.
3.	B. Pharmacy 2 nd Year (Lateral Entry)	3 Years / 6 Semesters	<p>(i) All those candidates who have passed Diploma in Pharmacy from an institution affiliated to the Punjab State Board of Technical Education & Industrial Training / Punjabi University, Patiala or any other University or any State Board of Technical Education shall be eligible to apply. Further, the diploma in Pharmacy and the institute where the candidate has studied must be duly approved by the pharmacy Council of India / AICTE. Also the Candidate should have obtained atleast 45% marks (40% in case of candidates belonging to SC/ST category) in the above mentioned qualifying Examination.</p>	Inter-se-merit in qualifying examination.



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			(ii) Students directly admitted to the Pharmacy 2 nd year have to pass those subjects of B.Pharmacy 1 st year which have not been covered under D. Pharmacy.	
4.	B. Tech. 1 st Year	4 Years / 8 Semesters	<p>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:-</p> <p>1. Chemistry 2. Biotechnology 3. Computer Science 4. Biology</p> <p>If the seats of B.Tech. (Bio-Technology) remain vacant after the central counselling the seat may be filled with the candidates having following qualification also:-</p> <p>10+2 with Physics and Chemistry as compulsory subjects along with one of the following subjects:-</p> <p>1. Mathematics 2. Biotechnology 3. Computer Science 4. Biology</p> <p>OR</p> <p>Those candidates who have passed diploma in any Engineering Trade 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.</p> <p>OR</p> <p>The candidates who have passed two years certificate course from Sant Longowal Institute of Engineering and Technology, Longowal (SLIET) shall be eligible.</p>	<p>1. JEE (Main) Rank merit.</p> <p>2. Three-Year Diploma merit after exhausting JEE (Main) Rank Candidates.</p> <p>3. Two Year Certificate Course of SLIET merit after exhausting above Diploma Merit.</p> <p>4. 10+2 Merit after exhausting JEE (Main) Rank & Diploma Candidates.</p>
5.	B. Tech. 2 nd Year (Lateral Entry)	3 Years / 6 Semesters	<p>(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> <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.</p> <p>(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.</p> <p>(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.</p>	Inter-se-merit in qualifying examination.
6.	Bachelor of Hotel Management & Catering Technology (BHMCT)	4 Years / 8 Semesters	All those candidates who have passed the 10+2 examination from a board recognized or established by Central/State Government through a legislation shall eligible to apply. Further as per AICTE Guidelines candidate should have obtained at least 45% marks (40% in case of candidate belonging to reserve category) in the qualifying examination.	Inter-se-merit in qualifying examination.



I. K. Gujral Punjab Technical University, Jalandhar

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Sr. No.	Course Name	Course Duration	Eligibility Criteria	Based on Merit in the order
7.	M. Architecture	2 Years / 4 Semesters	The eligibility criteria for admission to M. Architecture course is regular B. Arch. or Equivalent with at least 50% marks (45% marks in case of candidate belonging to reserved category).	Inter-se-merit in qualifying examination.
8.	M. Pharmacy (Full Time)	2 Years / 4 Semesters	All those candidates who have passed B.Pharm with atleast 55% (50% in case of candidate belonging to SC/ST category) marks in aggregate and with valid GPAT-2018 score shall be eligible to apply for master's programme in Pharmacy (M.Pharm) Course. In case candidates with valid GPAT-2018 Score are not available the seats shall be filled on the basis of inter-se-merit in qualifying examination.	Inter-se-merit in qualifying examination.
9.	M. Tech. (Full Time & Part Time)	2 Years / 4 Semesters	All those candidates who have passed B.E. / B. Tech. with at least 50% (45% in case of candidate belonging to reserved category) marks in aggregate and with valid GATE Score shall be eligible to apply for Post graduate level M.Tech. Course. In case seats haven't been filled under respective categories, admission shall be considered on the basis of inter-se-merit in qualifying examination. * Please check detailed Eligibility Criteria (mapping) given after Sr. No. 13	Inter-se-merit in qualifying examination.
10.	MBA	2 Years / 4 Semesters	All those candidates who have passed Bachelors Degree of minimum three year duration in any discipline from a University recognized by the University Grants Commission (UGC) and with valid rank in CMAT shall be eligible to apply for MBA course. In case candidates with valid CMAT Score are not available the seats shall be filled on the basis of inter-se-merit in qualifying examination.	Inter-se-merit in qualifying examination.
11.	MCA 1 st Year	3 Years / 6 Semesters	All those candidates who have passed any recognized Bachelor's degree of minimum three years duration with Mathematics at 10+2 level or at Graduated Level. Obtained at least 50% (45% in case of candidate belonging to reserved category) at the qualifying Examination.	Inter-se-merit in qualifying examination.
12.	MCA 2 nd Year (Lateral Entry)	2 Years / 4 Semesters	All those candidates who have passed recognized Bachelor's degree of minimum three years duration in BCA, B.Sc. (IT/Computer Science) with Mathematics as a course at 10+2 level or at Graduation level. Obtained at least 50% (45% in case of Candidates belonging to reserved category) at the qualifying examination.	Inter-se-merit in qualifying examination.
13.	Pharma. D	6 Years	(i) A pass in 10+2 examination from a board recognized or established by Central/State Government through a legislation with Physics and Chemistry as compulsory subjects along with one of the following subjects Mathematics or Biology (ii) A pass in D.Pharm. course from an institution approved by the Pharmacy council of India under section 12 of The Pharmacy Act. (iii) Candidates shall be admitted to 4 year B.Pharmacy Course and 6 year Pharma.D course on the basis of inter-se-merit in the qualifying examination mentioned above.	Inter-se-merit in qualifying examination.



I. K. Gujral Punjab Technical University, Jalandhar

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***M.Tech. Courses (AICTE Approved) : Duration 2 Years / 4 Semesters**

The eligibility criteria for admission to AICTE approved M. Tech. (Full Time/ Part Time) course is regular B.E. / B. Tech. with at least 50% marks (45% marks in case of candidate belonging to reserved category) in aggregate and valid GATE Score shall be eligible to apply for Post graduate level M.Tech. Course. In case candidates with valid GATE Score are not available the seats shall be filled on the basis of inter-se-merit in qualifying examination.

Sr. No.	Branch of M.Tech. Courses	Eligibility Criteria
1.	Bio Technology	B.Tech. in Bio Technology/B. Pharmacy/M.Sc. Life Sciences
2.	Chemical Engineering	B.E. / B. Tech. in Chemical Engineering
3.	Civil Engineering (Construction Technology & Management)	B.E. / B. Tech. in Civil Engineering / B.Arch.
4.	Geo Technical Engineering	B.E. / B. Tech. in Civil Engineering
5.	Soil Mechanics & Foundation Engineering	
6.	Structural Engineering	
7.	Computer Science & Engineering	B.E. / B. Tech. in Computer Science Engineering / IT
8.	Information Technology	
9.	CAD / CAM	B.E. / B. Tech. in Mechanical / Industrial / Production / Manufacturing / Welding / Material Science / Metallurgy Engineering
10.	Mechanical Engineering (Machine Design)	
11.	Mechanical Engineering (Production Engg.)	
12.	Mechanical Engineering (Thermal Engg.)	
13.	Electronics Product Design	B.E. /B. Tech. in Electronics & Communication / Electronics & Instrumentation / Applied Electronics / Instrumentation & Control / Electrical & Electronics Engineering / M. Sc. in Physics (with specialization in Electronics)
14.	Electronics & Communication Engineering	
15.	Micro Electronics	
16.	Electrical Engineering	B.E. / B. Tech. in Electrical / Electronics & Instrumentation /Applied Electronics / Instrumentations & Control / Electrical & Electronics Engineering
17.	Power Engineering	
18.	Energy Engineering	B.E. / B. Tech. in any Branch of Engineering
19.	Environmental Science & Engineering	
20.	Industrial Engineering	
21.	Textile Engineering	B.E. / B. Tech. in Textile Engineering
22.	VLSI Design	B.E. / B. Tech. in Electronics & Communication / Electrical Engineering / Electronics & Instrumentation / Electrical & Electronics / CSE / IT / Control / Micro Electronics Engineering
23.	E Security	B.Tech. CSE/IT/ECE/EIE
24.	Robotics & Mechatronics	B.E. / B. Tech ECE/EE/ME/Industrial Engineering
25.	Instrumentation & Control Engineering	B.E. / B. Tech. in Electronics & Communication / Electronics & Instrumentation / Applied Electronics / Instrumentation & Control / Electrical & Electronics Engineering / Electrical Engineering/ M. Sc. in Physics (with specialization in Electronics)



I. K. Gujral Punjab Technical University, Jalandhar

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26.	Nano Technology / Nano Science Technology	B.E. / B. Tech. (All Branches, M.Sc. Zoology /Life Sciences/Physics/ Chemistry/ Bio Technology)
27.	Embedded System	B.E. / B. Tech. in Electronics & Communication / Electronics & Instrumentation / Applied Electronics / Instrumentation & Control / Electrical & Electronics Engineering / M. Sc. in Physics (with specialization in Electronics)
28.	Computer Science & Engineering (System Software)	B.E. / B. Tech. in Computer Science Engineering / IT
29.	Electronics & Communication Engineering (VLSI)	B.E./B. Tech. in Electronics & Communication / Electronics & Instrumentation / Applied Electronics / Instrumentation & Control / Electrical & Electronics Engineering M Sc in Physics (with specialization in Electronics)
30.	IT (Information Security)	B.E. / B. Tech. in Computer Science Engineering / IT
31.	Power System	B.E. / B. Tech. in Electrical Engineering/ Electrical & Electronics Engineering/ Electrical and Instrumentation Engineering/ Electrical and Power Engineering/ Electrical Devices and Power Systems/ Electrical Engineering Industrial Control/ Electrical Instrumentation and Control Engineering, Electrical Power System/ Instrumentation/ Instrumentation Engineering/ Instrumentations & Control Engineering/ Electronics & Instrumentation Engineering /Applied Electronics Engineering / Applied Electronics and Instrumentation Engineering
32.	Food Technology	Graduation (4 years course) in Food Technology / Food Engineering / Food Science & Technology / Agriculture Engineering / Food Processing / Nutrition / Biotechnology / Fermentation Technology / Dairy Technology OR M.Sc. (2 years course) in Food Technology / Bio Technology / Food Science Technology

- ❖ For admission to AICTE approved M.Tech. (Part-Time) course, in addition to above, two years experience after B.Tech. is mandatory.

Note:-

1. AMIE / AMIETE / AMACSE graduates including graduates from other Govt. recognized professional bodies equivalent to AMIE with 55% or above marks in their exams in such body may also take admission to M. Tech. course with the condition that the branch adopted at graduation level must be same as the specialization applied for.
2. A valid GATE Score would be preferred but not mandatory for admission to M. Tech. course