I. K. Gujral Punjab Technical University, Jalandhar

Eligibility Criteria for AICTE Courses for Academic Session 2019-20

Sr. No.	Course Name	Course Duration	Eligibility Criteria	Basis of Admission
1.	B. Architecture	5 Years / 10 Semesters	(i) No candidate shall be admitted to the Architecture course unless he/ she has passed an examination at the end of the 10+2 scheme of examination with atleast 50% aggregate marks in Physics, Chemistry & Mathematics and also atleast 50% marks in aggregate of the 10+2 level Examination from a Board recognized or established by Central / State Government through a legislation or passed 10+3 Diploma examination with Mathematics as compulsory subject with atleast 50% marks in aggregate. (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. (iii) Vacant seats (if any) can be filled subject to qualifying Paper-2 JEE-Mains conducted by CBSE, New Delhi.	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. Vacant seats (if any) can be filled subject to qualifying Paper-2 JEE-Mains conducted by CBSE, New Delhi
2.	B. Pharmacy 1st Year	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 with Physics and Chemistry as compulsory subject along with one of the Mathematics/Biology shall eligible to apply. **OR** 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.	Inter-se-merit in the qualifying examination.
3.	B. Pharmacy 2nd Year (Lateral Entry)	3 Years / 6 Semesters	(i) All those candidates who have passed the Diploma in Pharmacy from an institution affiliated to the Punjab State Board of Technical Education & Industrial Training or any other recognized University or any other recognized 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. (ii) Students directly admitted to the Pharmacy 2nd year have to pass those subjects of B.Pharmacy 1st year which have not been covered under D. Pharmacy.	Inter-se-merit in the qualifying examination.
4.	B. Tech. 1st Year	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 with Physics and Mathematics as compulsory subjects along with one of the following subjects:- 1. Chemistry 2. Biotechnology 3. Biology 4. Computer Science / Technical Vocational Subject 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:-	1. JEE (Main) Rank merit. 2. Three-Year Diploma merit after exhausting JEE (Main) Rank Candidates. 3. Two Year Certificate Course of SLIET merit after

Sr. No.	Course Name	Course Duration	Eligibility Criteria	Basis of Admission
			10+2 with Physics and Chemistry as compulsory subjects along with one of the following subjects:- 1. Mathematics 2. Biotechnology 3. Biology 4. Computer Science / Technical Vocational Subject **OR** 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. **OR** The candidates who have passed two years certificate course from Sant Longowal Institute of Engineering and Technology, Longowal (SLIET) shall be eligible.	exhausting above Diploma Merit. 4. 10+2 Merit after exhausting JEE (Main) Rank & Diploma Candidates.
5.	B. Tech. 2nd Year (Lateral Entry)	3 Years / 6 Semesters	(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. (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. (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. (iv) In the above cases, a suitable bridge course, if required such as in Mathematics may be conducted.	Inter-se-merit in the 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 reserved category) in the qualifying examination.	Inter-se-merit in the qualifying examination.
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 the qualifying examination.
8.	M. Pharmacy (Full Time)	2 Years / 4 Semesters	All those candidates who have passed B.Pharma with atleast 55% (50% in case of candidate belonging to SC/ST category) marks in aggregate and with valid GPAT-2019 score shall be eligible to apply for master's programme in Pharmacy (M.Pharma) Course.	Valid GPAT **OR** Inter-se-merit in the qualifying examination. (Preference shall be given to

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Sr. No.	Course Name	Course Duration	Eligibility Criteria	Basis of Admission
			In case seats haven't been filled under respective categories, admission shall be considered on the basis of Inter-se-merit in the qualifying examination.	Candidates with Valid GPAT)
9.	M. Tech. (Full Time & Part Time)	2 Years / 4 Semesters	All those candidates who have passed B.E. / B. Tech. with atleast 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 the qualifying examination. ✱ Please check detailed Eligibility Criteria (mapping) given after Sr. No. 14	Valid GATE **OR** Inter-se-merit in the qualifying examination. (Preference shall be given to Candidates with Valid GATE)
10.	MBA	2 Years / 4 Semesters	All those candidates who have passed Bachelors Degree of minimum three year duration in any discipline from the University recognized by the University Grants Commission (UGC) and with valid rank in CMAT shall be eligible to apply for MBA course. In case seats haven't been filled under respective categories, admission shall be considered on the basis of Inter-se-merit in the qualifying examination.	Valid CMAT Rank **OR** Inter-se-merit in the qualifying examination. (Preference shall be given to Candidates with Valid CMAT Rank)
11.	MCA 1st Year	3 Years / 6 Semesters	All those candidates who have passed BCA / B.Sc. / B.Com. / B.A. with Mathematics at 10+2 level or at Graduated Level. Further as per AICTE guidelines the candidates should have obtained at least 50% (45% in case of candidate belonging to reserved category) in the qualifying Examination.	Inter-se-merit in the qualifying examination.
12.	MCA 2nd Year (Lateral Entry)	2 Years / 4 Semesters	All those candidates who have passed recognized Bachelor's degree of minimum 3 years duration in BCA, B.Sc. (IT/Computer Science) with Mathematics as a course at 10+2 level or at Graduation level and also have obtained at least 50% marks (45% in case of Candidates belonging to reserved category) in the qualifying examination.	Inter-se-merit in the qualifying examination.
13.	Pharma. D	6 Years / 12 Semesters	All those candidates who have passed 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 Mathematics or Biology subject. **OR** All those candidates who have passed D.Pharm. course from an institution approved by the Pharmacy Council of India under section 12 of The Pharmacy Act.	Inter-se-merit in the qualifying examination.
14.	Pharma. D (Post Baccalaureate)	2 Years / 4 Semesters	All those candidates who have passed B.Pharma from an Institution approved by the Pharmacy Council of India shall be eligible to apply for Pharm-D course. Further as per AICTE guidelines candidate should have passed atleast 55% (50% in case of candidate belonging to reserved category) in the qualifying examination.	Inter-se-merit in the qualifying examination.

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Eligibility Criteria for AICTE Courses for Academic Session 2019-20

✱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 the qualifying examination.

Sr. No.	Branch of M.Tech. Course	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)

Sr. No.	Branch of M.Tech. Course	Eligibility Criteria
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. All those students who were enrolled with various Profession Bodies/Institutions, which were duly recognized by MHRD with permanent recognition upto 31/05/2013, stand recognized.

3. A valid GATE Score would be preferred but not mandatory for admission to M. Tech. course