

**PUNJAB TECHNICAL UNIVERSITY, JALANDHAR**  
**Eligibility Criteria Session 2013-14**

Sr No	Course	Duration of Course	Qualification
1.	B.Tech. 1 <sup>st</sup> Year	4 year/ 8 Sem	<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 <b>Physics and Mathematics</b> as compulsory subjects along with one of the following subjects:-</p> <ol style="list-style-type: none"> <li>1. Chemistry</li> <li>2. Biotechnology</li> <li>3. Computer Science and Biology</li> </ol> <p style="text-align: center;">Or</p> <p>Those candidates who have passed diploma in any Engineering Trade from Punjab State Board of Technical Education &amp; 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 style="text-align: center;">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>
2.	B.Tech. 1 <sup>st</sup> Year Bio-Technology	4 year/ 8 Sem	<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 <b>Physics and Chemistry</b> as compulsory subjects along with one of the following subjects:-</p> <ol style="list-style-type: none"> <li>1. Mathematics</li> <li>2. Bio-Technology</li> <li>3. Computer Science</li> <li>4. Biology</li> </ol> <p style="text-align: center;">Or</p> <p>Those candidates who have passed diploma in any Engineering Trade from Punjab State Board of Technical Education &amp; 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 style="text-align: center;">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>
3.	B.Tech. 2 <sup>nd</sup> Year	3 year / 6 sem	<p>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 style="text-align: center;">Or</p> <p>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 style="text-align: center;"><b>and</b></p> <p>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>
4.	B.Arch.	5 year / 10 semester	<p>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 level of 10+2 scheme of Senior School</p>

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			<p>Certificate Examination or equivalent with <b>Mathematics</b> as subject of examination at the 10+2 level.</p> <p style="text-align: center;">Or</p> <p>10<sup>th</sup> + 3 year Diploma (any stream) recognized by Central/ State Government with 50% aggregate marks</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><b>Note :- 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.</b></p>
5.	<b>B.Pharmacy 1<sup>st</sup> Year</b>	4 year/ 8 Sem	<p>All those candidates who have passed the 10+2 examination from a board recognized or established by Central/State Government through legislation with Physics and Chemistry as compulsory subject along with one of the Mathematics/ Chemistry/ Biotechnology/ Biology shall eligible to apply.</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 &amp; 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>
6.	<b>B.Pharmacy 2<sup>nd</sup> Year</b>	3 year / 6 sem	<p>All those candidates who have passed Diploma Pharmacy from an institution affiliated to Punjab State Board of Technical Education &amp; Industrial Training / Punjabi University, Patiala or any other University or any State Board of Technical 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>
7.	<b>Pharma D</b>		<p>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:-</p> <p style="text-align: center;"><b>1. Mathematics or Biology</b></p> <p style="text-align: center;">Or</p> <p>A pass in D.Pharm course from an institution approved by the Pharmacy council of India under section 12 of The Pharmacy Act.</p>
8.	<b>MBA</b>	2 year / 4sem	<p>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.</p>
9.	<b>MCA</b>	3 year / 6 sem	<p>All those candidates who have passed any recognized Bachelor's degree of minimum three years duration with Mathematics/ Statistics /Business Mathematics / Business Statistics / Quantitative Techniques as Compulsory/ Optional/ Additional Paper as one of the subjects either at 10+2 or at graduation level.</p> <p style="text-align: center;">Or</p> <p>Have passed BCA course of minimum three years duration from any recognized University.</p>
10.	<b>MCA Lateral</b>	2 year /	<b>Recognized Bachelor Degree of minimum 3 yrs duration in</b>

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		4sem	BCA, B.Sc. (IT/ Computer Science) with Mathematics as a course at 10+2 level or at Graduate Level and have obtained at least 50% (45% in case of candidate belonging to reserved category) at the qualifying Examination
11.	<b>BBA / BBA (Retail Mgt./) BCA / B.Sc. (IT) / B.Sc. (ATHM) / B.Sc. (MEFT) B.Sc. (HMCT) B.Sc. (FT) / B.Sc. (A &amp; MT) / B.Sc. (JMC)</b>	3 year / 6 sem.	All those candidates who have passed the 10+2 or its equivalent examination in any stream conducted by a recognized Board / University / Council.  <b>OR</b> Those candidates who have passed their 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 Sant Longowal Institute of Engineering & Technology, Longowal
12.	<b>Lateral Entry to BCA /B.Sc.(IT)</b>		All those candidates who have 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 Sant Longowal Institute of Engineering & Technology, Longowal  Group (A) 1. Computer Science Engineering 2. Information Technology Group (B) 1. Electrical Engineering 2. Electronics & Communication Engineering 3. Electronics & Instrumentation Engineering 4. E-Telecom 5. Electronics(TV Technology) 6. Electronics 7. Micro Processor
13.	<b>B. Sc. (Medical Lab Sciences)</b>	3 year / 6 sem.	All those candidates who have passed the 10+2 with Physics & Chemistry as compulsory subjects and either Mathematics or Biology conducted by a recognized Board / University / Council.  <b>OR</b> Those candidates who have passed their 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 recognised State Board of Technical Education, or Sant Longowal Institute of Engineering & Technology, Longowal / or / Two years diploma in pharmacy or medical lab technology after 10+2 recognized by any state board.
14.	<b>Lateral Entry to 3<sup>rd</sup> semester of (MLT)</b>		Diploma in Pharmacy or MLT with atleast 50% marks in aggregate.
15.	<b>B.Sc. (Bio-Technology)</b>		All those candidates who have passed the 10+2 with Physics & Chemistry as compulsory subjects and either Mathematics or Biology conducted by a recognized Board / University / Council.  <b>OR</b> Those candidates who have passed their 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 Sant Longowal Institute of Engineering & Technology, Longowal.
16.	<b>Bachelor of Hotel Management &amp; Catering Technology</b>		All those candidates who have passed the 10+2 or its equivalent examination in any stream conducted by a recognized Board / University / Council.

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			<b>OR</b> Those candidates who have passed their 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 Sant Longowal Institute of Engineering & Technology, Longowal
17.	<b>Bachelors in Mobile Computing and Internet</b>		10+2 Pass
18.	<b>Bachelors in Rural Development and Management</b>		10+2 Pass
19.	<b>Bachelors in Infrastructure and Real Estate Management</b>		10+2 Pass
20.	<b>Bachelors in Family Business Management</b>		10+2 Pass
21.	<b>Bachelors in Health, Spa and Resort Management</b>		10+2 Pass
22.	<b>Post Graduate Diploma in Computer Applications</b>		Graduation in any discipline
23.	<b>Post Graduate Diploma in Clinical Research</b>		B.Sc. Medical / B.Pharmacy
24.	<b>Post Graduate Diploma in Regulatory Affairs</b>		B.Sc. Medical / B.Sc. Non-Medical/ B.Pharmacy
25.	<b>Post Graduate Diploma in Pharmaceutical Packaging</b>		B.Sc. Medical / B.Sc. Non-Medical/ B.Pharmacy
26.	<b>Post Graduate Diploma in Cosmetology</b>		B.Sc. Medical / B.Sc. Non-Medical/ B.Pharmacy
27.	<b>Post Graduate Diploma in Pharm. Business Administration</b>		Graduation in any discipline
28.	<b>Post Graduate Diploma in Pharm. Marketing</b>		Graduation in any discipline
29.	<b>Post Graduate Diploma in Herbal Drugs</b>		B.Sc. Medical / B.Pharmacy
30.	<b>Post Graduate Diploma in Pharmaceutical Analysis</b>		B.Sc. Medical / B.Sc. Non-Medical/ B.Pharmacy
31.	<b>Post Graduate Diploma in Packaging and Distribution Management</b>		B.Sc. Medical / B.Sc. Non-Medical/ B.Pharmacy
32.	<b>M. Sc. (IT)</b>		All those candidates who have passed any recognized bachelor's degree of minimum three years duration with Mathematics / Statistics / Business Mathematics / Business Statistics / Quantitative Techniques / Computer Science/ Information Technology as compulsory / Optional / additional paper as one of the subjects either at 10+2 or at graduation level. OR PGDCA / BCA / B.Sc.(IT)
33.	<b>M. Sc. (ATHM) / M. Sc. (SIM)</b>		All those candidates who have passed any recognized Bachelor's degree of minimum three years duration.
34.	<b>M. Sc. (MLT)</b>		All those candidates who have passed any recognized Bachelor's degree in Medical Lab Technology of minimum three years duration.
35.	<b>M. Sc. (BT)</b>		Bachelor's degree in any branch of Science / Agriculture/ Pharmacy / Veterinary / Engineering / Medicine (MBBS) / Medical Lab. Technology / Nursing with minimum 50% marks in qualifying degree course.
36.	<b>M.Sc. (FT)</b>		B.Sc. (FT)
37.	<b>M.Sc. (Pharma)</b>		Graduation with Medical / B. Pharma / B.Sc.(Pharma)

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38.	<b>M.Sc. (JMC)</b>		Graduation in any discipline.
39.	<b>Masters in Mass Communication and Media Management</b>		Graduation in any discipline
40.	<b>Masters in Education and Counseling Management</b>		Graduation in any discipline
41.	<b>Masters in Science (Hotel Management and Catering Technology)</b>		B.Sc. HMCT/ BHMCT
42.	<b>Masters of Science (Environmental Science)</b>		B.Sc. in any Sciences
43.	<b>M.Com. Professional</b>		BBA, B.Com Professional, B.Com.

### A. Master of Technology (M. Tech.)

The eligibility criteria for admission to M. Tech. (Part Time) courses is regular B.E. / B. Tech. degree of Punjab Technical University or its equivalent with at least 50% (45% in case of candidate belonging to reserved category).

Sr. No.	Courses	Eligibility
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
4	Geo Technical Engineering	
5	Soil Mechanics & Foundation Engineering	
6	Structural Engineering	
7	Computer Science & Engineering	
8	Information Technology	B.E. / B. Tech. in Computer Science Engineering / IT
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 Engineering)	
12	Mechanical Engineering (Thermal Engineering)	
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	Industrial Engineering	
20	Environmental Science & Engineering	B.E. / B. Tech. in any Branch of Engineering <b>or</b> M.Sc.. in Environmental Science/ Any branch of life Sciences/ Physics/ Chemistry/ Geology or any allied subjects
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

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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)
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

- 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. with the condition that the branch adopted at graduation level must be same as the specialization applied for.
  2. A valid gate 2013-14 score would be preferred but is not a must for admission to M. Tech.

### **B. Master of Pharmacy (M. Pharma.)**

The eligibility criteria for admission to M. Pharmacy courses is regular B. Pharmacy degree of Punjab Technical University or its equivalent with at least 50% (45% in case of candidate belonging to reserved category).

Sr. No.	Courses	Eligibility
1.	M. Pharmacy	B. Pharmacy degree