

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Eligibility Criteria For Academic Session 2015-16

| Sr. No. | Course | Duration of Course | Eligibility Criteria / Qualification Required for Admission to the Course |
|---------|---|-----------------------|---|
| 1. | B.Tech. 1st 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> <ol style="list-style-type: none"> 1. Chemistry 2. Biotechnology 3. Computer Science and Biology <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 & 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. Bio-Technology 1st 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 subjects along with one of the following subjects:-</p> <ol style="list-style-type: none"> 1. Mathematics 2. Bio-Technology 3. Computer Science 4. Biology <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 & 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 2nd Year (Lateral Entry) | 3 Years / 6 Semesters | <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;">and</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> |

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Eligibility Criteria For Academic Session 2015-16

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| 4. | B.Arch. | 5 Years / 10 Semesters | 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 Certificate Examination or equivalent with Mathematics as subject of examination at the 10+2 level. Or 10 th + 3 year Diploma (any stream) recognized by Central/ State Government with 50% aggregate marks Or International Baccalaureate Diploma, after 10 years of schooling, with not less than 50% marks in aggregate and with Mathematics as compulsory subject of examination 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. |
| 5. | 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/Computer Science/ Biotechnology/ 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. |
| 6. | B.Pharmacy 2nd Year (Lateral Entry) | 3 Years / 6 Semesters | All those candidates who have passed Diploma Pharmacy from an institution affiliated to Punjab State Board of Technical Education & 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. |
| 7. | Pharma D | 6 Years / 12 Semesters | 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:- 1. Mathematics or Biology Or A pass in D.Pharm course from an institution approved by the Pharmacy council of India under section 12 of The Pharmacy Act. |
| 8. | MBA | 2 Years / 4 Semesters | All those candidates who have passed Bachelors Degree of minimum three years 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. |
| 9. | MCA | 3 Years / 6 Semesters | 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/ |

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Eligibility Criteria For Academic Session 2015-16

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| | | | Optional/ Additional Paper as one of the subjects either at 10+2 or at graduation level. Or Have passed BCA course of minimum three years duration from any recognized University. |
| 10. | MCA (Lateral Entry) | 2 Years / 4 Semesters | Recognized Bachelor Degree of minimum 3 yrs duration in 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. | BBA / BBA (Retail Mgt.)/ BCA / B.Sc. (IT) / B.Sc. (ATHM) / B.Sc. (MEFT) / B.Sc. (HMCT) / B.Sc. (FD) / B.Sc. (FDK) / B.Sc. (FT) / B.Sc. (A & MT) / B.Sc. (JMC) | 3 Years / 6 Semesters | All those candidates who have passed the 10+2 or its equivalent examination in any stream conducted by a recognized Board / University / Council. OR 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.Com. (Professional) | 3 Years / 6 Semesters | Having passed at least +2 examination of Punjab School Education Board or any other examination recognized as equivalent thereto with at least: 33% marks in the aggregate in case of commerce students who have passed 10+2 examination and 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. and 45% for other candidates. |
| 13. | M.Com. (Professional) | 2 Years / 4 Semesters | Graduation Degree in Commerce/ Management/ Business Administration from any recognised university with at least 50% marks. However, students with Hons Degree will get a weightage of 10% of marks obtained in Graduation while finalising the merit. |
| 14. | B.Sc. (Agriculture) | 3 Years / 6 Semesters | Atleast 50% Marks in 10+2 with Science Subject |
| 15. | BCA (Lateral Entry)/ B.Sc. (IT) (Lateral Entry) | 2 Years / 4 Semesters | 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 |

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Eligibility Criteria For Academic Session 2015-16

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| | | | <p>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</p> |
| 16. | B.Sc. (Medical Lab Sciences) | 3 Years / 6 Semesters | <p>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.</p> <p style="text-align: center;">OR</p> <p>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.</p> |
| 17. | B.Sc. (Medical Lab Sciences) (Lateral Entry) | 2 Years / 4 Semesters | Diploma in Pharmacy or MLT with atleast 50% marks in aggregate. |
| 18. | B.Sc. (Bio-Technology) | 3 Years / 6 Semesters | <p>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.</p> <p style="text-align: center;">OR</p> <p>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.</p> |
| 19. | Bachelor of Hotel Management & Catering Technology | 3 Years / 6 Semesters | <p>All those candidates who have passed the 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>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</p> |
| 20. | Bachelors in Mobile Computing and Internet | 3 Years / 6 Semesters | 10+2 Pass |
| 21. | Bachelors in Rural Development and Management | 3 Years / 6 Semesters | 10+2 Pass |
| 22. | Bachelors in Infrastructure and Real Estate Management | 3 Years / 6 Semesters | 10+2 Pass |
| 23. | Bachelors in Family Business Management | 3 Years / 6 Semesters | 10+2 Pass |
| 24. | Bachelors in Health, Spa and Resort Management | 3 Years / 6 Semesters | 10+2 Pass |
| 25. | Post Graduate Diploma in Computer Applications | 1 Year / 2 Semesters | Graduation in any discipline |

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Eligibility Criteria For Academic Session 2015-16

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| 26. | Post Graduate Diploma in Clinical Research | 1 Year / 2 Semesters | B.Sc. Medical / B.Pharmacy |
| 27. | Post Graduate Diploma in Regulatory Affairs | 1 Year / 2 Semesters | B.Sc. Medical / B.Sc. Non-Medical/ B.Pharmacy |
| 28. | Post Graduate Diploma in Pharmaceutical Packaging | 1 Year / 2 Semesters | B.Sc. Medical / B.Sc. Non-Medical/ B.Pharmacy |
| 29. | Post Graduate Diploma in Cosmetology | 1 Year / 2 Semesters | B.Sc. Medical / B.Sc. Non-Medical/ B.Pharmacy |
| 30. | Post Graduate Diploma in Pharm. Business Administration | 1 Year / 2 Semesters | Graduation in any discipline |
| 31. | Post Graduate Diploma in Pharm. Marketing | 1 Year / 2 Semesters | Graduation in any discipline |
| 32. | Post Graduate Diploma in Herbal Drugs | 1 Year / 2 Semesters | B.Sc. Medical / B.Pharmacy |
| 33. | Post Graduate Diploma in Pharmaceutical Analysis | 1 Year / 2 Semesters | B.Sc. Medical / B.Sc. Non-Medical/ B.Pharmacy |
| 34. | Post Graduate Diploma in Packaging and Distribution Management | 1 Year / 2 Semesters | B.Sc. Medical / B.Sc. Non-Medical/ B.Pharmacy |
| 35. | M. Sc. (IT) | 2 Years / 4 Semesters | 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) |
| 36. | M. Sc. (ATHM) / M. Sc. (SIM) | 2 Years / 4 Semesters | All those candidates who have passed any recognized Bachelor's degree of minimum three years duration. |
| 37. | M. Sc. (MLT) | 2 Years / 4 Semesters | All those candidates who have passed any recognized Bachelor's degree in Medical Lab Technology of minimum three years duration. |
| 38. | M. Sc. (BT) | 2 Years / 4 Semesters | 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. |
| 39. | M.Sc. (FT) | 2 Years / 4 Semesters | B.Sc. (FT) |
| 40. | M.Sc. (Pharmacy) | 2 Years / 4 Semesters | Graduation with Medical / B. Pharmacy / B.Sc. (Pharmacy) |
| 41. | M.Sc. (JMC) | 2 Years / 4 Semesters | Graduation in any discipline. |
| 42. | Masters in Mass Communication and Media Management | 2 Years / 4 Semesters | Graduation in any discipline |
| 43. | Masters in Education and Counseling Management | 2 Years / 4 Semesters | Graduation in any discipline |
| 44. | Masters in Science (Hotel Management and Catering Technology) | 2 Years / 4 Semesters | B.Sc. HMCT/ BHMCT |
| 45. | Masters of Science (Environmental Science) | 2 Years / 4 Semesters | B.Sc. in any Sciences |
| 46. | M.Com. Professional | 2 Years / 4 Semesters | BBA, B.Com. Professional, B.Com. |

A. Master of Technology (M. Tech.)

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Eligibility Criteria For Academic Session 2015-16

The eligibility criteria for admission to M. Tech. (Full Time/ Part Time) courses is regular B.E. / B. Tech. / M.Sc. (with specialization in respective branch) 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 |
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| 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 | |
| 14. | Electronics & Communication Engineering | B.E. / B. Tech. in Electronics & Communication / Electronics & Instrumentation / Applied Electronics / Instrumentation & Control / Electrical & Electronics Engineering / M. Sc. in Physics (with specialization in Electronics) |
| 15. | Micro Electronics | |
| 16. | Electrical Engineering | |
| 17. | Power Engineering | B.E. / B. Tech. in Electrical / Electronics & Instrumentation / Applied Electronics / Instrumentations & Control / Electrical & Electronics 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 or 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 |
| 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 |

I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Eligibility Criteria For Academic Session 2015-16

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| 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 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 55% (50% in case of candidate belonging to reserved category).

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