



## **GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA.**

**\* An Autonomous College Under UGC Act [2(f) and 12(B)] of UGC Act 1956**

Affiliated to Punjab Technical University, Jalandhar.

### **Eligibility Criteria for M.Tech. (Full Time) Admission**

**The candidates who have passed B.Tech. with at least 50% (45% in case of SC/ST candidate) in aggregate, are eligible.**

<b>Sr. no.</b>	<b>Course</b>	<b>Eligibility</b>
1	Computer Science & Engineering	B.E./ B.Tech. in Computer Science Engineering/IT
2	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)
3	Environmental Science & Engineering	B.E./ B.Tech. in any branch of Engineering
4	Geo Technical Engineering	B.E./ B.Tech. in Civil Engineering
5	Structural Engineering	B.E./ B.Tech. in Civil Engineering
6	Industrial Engineering	B.E./ B.Tech. in any branch of Engineering
7	Production Engineering	B.E./ B.Tech. in Mechanical/ Industrial/ Production/ Manufacturing/ Welding/ Material Science/ Metallurgy Engineering
8	Power Engineering	B.E./ B.Tech. in Electrical/ Electronics & Instrumentation / Applied Electronics/ Instrumentations & Control/ Electrical & Electronics Engineering

### **Eligibility Criteria for M.Tech. (Part Time) Admission**

**The candidates who have passed B.Tech. with at least 50% (45% in case of SC/ST candidates) in aggregate, and are employed, having two years of work experience are eligible.**

<b>Sr. no.</b>	<b>Course</b>	<b>Eligibility</b>
1	Soil Mechanics & Foundation Engineering	B.E./ B.Tech. in Civil Engineering
2	Industrial Engineering	B.E./ B.Tech. in any branch of Engineering
3	Production Engineering	B.E./ B.Tech. in Mechanical/ Industrial/ Production/ Manufacturing/ Welding/ Material Science/ Metallurgy Engineering

4	Electrical Engineering	B.E./ B.Tech. in Electrical/ Electronics & Instrumentation / Applied Electronics/ Instrumentations & Control/ Electrical & Electronics Engineering
5	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)



## MASTER OF TECHNOLOGY COURSES

### 1(a) Master of Technology

#### AICTE approved Courses - Full Time

- a. Production Engineering
- b. Industrial Engineering
- c. i. Structural Engineering  
ii. Geo-Technical Engineering
- d. Power Engineering
- e. Electronics & Communication Engineering
- f. Environmental Science & Engineering
- g. Computer Science and Engineering

### 1(b) Master of Technology

#### AICTE approved Courses - Part Time

- a. Production Engineering
- b. Industrial Engineering
- c. Soil Mechanics and Foundation Engineering
- d. Electrical Engineering
- e. Electronics and Communication Engineering

#### ELIGIBILITY

- B.E. / B.Tech with at least 50% marks in aggregate
- a. B.E./B.Tech. in Mechanical, Production, Industrial, Manufacturing, Welding, Material Science, Metallurgy Engineering etc. for M.Tech. in Production Engineering.
  - b. B.E./B.Tech. in any branch of Engineering for M.Tech. in Industrial Engineering.
  - c. B.E./B.Tech. in Civil Engineering for M.Tech. in Structural Engineering, Geo-Technical Engineering and Soil Mechanics & Foundation Engineering.
  - d. B.E./B.Tech. in Electrical / Electrical and Electronics/ Electronics and Instrumentation / Applied Electronics / Instrumentation and Control for M.Tech. in Power Engineering, Electrical Engineering.
  - e. B.E./B.Tech. in Electronics and Communication / Electronics and

Instrumentation / Applied Electronics / Instrumentation and Control / Electrical and Electronics / M.Sc. in Physics (with specialization in Electronics) for M.Tech. Electronics and Communication Engineering.

- f. B.E./B.Tech. in any Engg. Discipline / M.Sc. Environmental Science, Chemistry or Microbiology for M.Tech. in Environmental Science and Engineering.
- g. B.E./B.Tech. in Computer Science at Engineering or Information Technology for M.Tech. in Computer Science and Engineering.

**For updated Information kindly visit PTU Website : [ptu.ac.in](http://ptu.ac.in)**

#### NOTE:

1. Associate Membership of the Institution of Engineers (India) candidates must possess:
  - i. AMIE with atleast 50% marks in aggregate after passing 3 years Diploma in appropriate aforesaid branch of Engineering.
  - ii. Atleast 5 years research or professional experience after passing Diploma.
2. Following requirements are to be met as per AICTE / University / College rules for Full-Time Sponsored / Part-Time candidates only.
  - i. The candidates must have a minimum of two years of full time work experience in a registered firm / company / industry / education and research institution / any Govt. Department or Govt. Autonomous organization in the relevant field in which admission is being sought.
  - ii. There will be no age restrictions. However preference shall be given to those who are below 45 years of age.
  - iii. A letter from the employer must be furnished stating that the candidate is being sponsored to get admission. The employer should be able to indicate that the candidate would not withdraw mid-way till the completion of the course for all Part-time candidates and the sponsored Full-Time candidates.
3. The order of merit for admission will be as follows:
  - i. GATE qualified candidates in order of GATE score.
  - ii. If any seats are left vacant the same will be offered to B.Tech. (or, its equivalent) candidates in order of merit / test to be conducted by the institution.

#### REGARDING ORIGINAL CERTIFICATES :

Original documents including all certificates MUST be deposited by the candidates with the concerned O.I./c. P.G. Course in case of his/her selection for the course, failing which admission will not be given.

#### FINANCIAL ASSISTANCE

Limited GATE scholarship as per GATE merit offered by Government of India will be granted to students who will be admitted to M.Tech. (Full Time) only subject to availability from AICTE / MHRD. The candidates selected for GATE scholarship will have to give an undertaking to the effect that he / she has never drawn the GATE scholarship previously at any Institution in the capacity of having passed GATE Examination. If drawn, he/she will have to give number of months for which he/she has already drawn the scholarship and the name of institution from where it was drawn.

#### Terms and Conditions to govern the grant of the GATE scholarship subject to availability from AICTE

- a. It will be obligatory for every GATE scholarship holder student to undertake 8-10 hours per week of work related to teaching and research activities as assigned to him / her by the institute.
- b. Wherever Govt. of India / University Grants Commission / Council for Scientific and Industrial Research / Industry sponsored projects are being undertaken, the services of the students may be used for providing assistance in the projects funded by these agencies. In the event, a portion of scholarship for the time being may be charged to the project funds for the duration the student are engaged on these projects.
- c. The Institute M. Tech. Officer - in charge will work out specific programmes of work and maintain the record of each student.
- d. The student must secure first class or equivalent, during the first semester and the second semester examination to become eligible for continuance of scholarship at the enhanced rate during the second semester and

the third semester respectively.

- e. A student shall be required to give an Undertaking to the effect that he / she will not leave the course mid way, in order to be eligible to receive this scholarship.
- f. During the course of studies, the student shall not receive any emoluments, salary, stipend, etc. from any other source.
- g. In no case will the scholarship be allowed for a period of more than the period decided by the Govt. of India.
- h. Suitable hostel type accommodation may be provided wherever available.
- i. No house rent allowance (HRA) is admissible to M. Tech. Students.
- j. The student shall be eligible for medical facilities as per college rules.
- k. Foreign students will not be eligible for these scholarships.
- l. The student shall be entitled for leave for a maximum period of 30 days per year in addition to general holidays but not entitled to vacations, e.g. summer, winter etc.
- m. In case of continuous absence without leave for more than a week, the student's name will be removed from the college rolls on the intimation of concerned Officer-In-Charge M.Tech and he will not be allowed to rejoin until a satisfactory explanation is submitted and accepted by the Director by depositing the re-admission fee of Rs. 1000/-.
- n. The Government of India may impose any other conditions as deemed necessary from time to time. If the conditions mentioned at Serial No. a, d, above are not acceptable to a student, he/she will not be eligible to scholarship as mentioned in this departments letter no. f. 12-35.80-T, 4/T, 2 dated 07-12-1984 M.E. (Mech.) Specialization in Production.

#### M. Tech. Under PTU Regional Centre

The Institute also offers Part-Time M.Tech. Courses with the following details under Regional Centre established by Punjab Technical University, Jalandhar.

- a. Computer Science & Engineering
- b. Electronics & Communication Engg.
- c. VLSI Design
- d. Energy Engineering
- e. Information Technology

