PUNJAB ENGINEERING COLLEGE
(Deemed to be University)
CHANDIGARH

Admission Brochure

2023-24

There is no registration fee.

For Admission to M.Tech. Programmes

IMPORTANT POINTS OF ADMISSION PROCEDURE

1. Online applications are invited for admission to the vacant seats of the M.Tech. programmes and the full-time sponsored seats of the M.Tech. programmes. **Prospective candidates are advised to note that vacant seats may be available in all categories of all the M.Tech. programmes.**

2. **M.Tech programmes have an optional one year exchange/ research internship/ industry internship at IITs/IIITs and other premier institutes or Research Centres or industries.**

3. **Admission in M.Tech. programmes is based on the basis of merit of B.Tech.**

4. **GATE Qualified candidates shall be admitted on the merit of GATE score. Preference will be given to GATE-qualified candidates over non-GATE candidates.**

5. Candidates are advised to read the admission brochure carefully before applying for admission.

6. Any clause contained in this brochure is subject to alteration(s) and modification(s) without prior notice.

7. **Online registration can be done from 07.08.2023 to 20.08.2023 (till 05.00 p.m.).**

8. All the candidates desirous of taking admission in any of the M.Tech. programmes are required to register online on website **https://pec.ac.in/admissions/mtech**. There is no registration fee.

9. **The admitted candidates are required to deposit the fee as per the details given in Table- 1 in form of Demand Draft in favor of "Punjab Engineering College (Deemed to be University) - Admissions" payable at Chandigarh.**

10. **The candidates are required to produce all the originals certificates and fee at the time of counseling. No relaxation in time will be given for arranging the money or for bringing the original certificates from another place.**

11. All admissions to M.Tech. programmes shall be provisional and subject to approval by the Chairman Senate of Punjab Engineering College (Deemed to be University), Chandigarh.

12. The candidate should bring all the original certificates, four passport size latest photograph and one set of self-attested photocopies of certificates at the time of counseling.

13. Only those candidates who have passed their pre-final year/cleared all subjects up to 7th semester exam and appeared / passed in their qualifying exam (8th semester) should apply for admission. In case the result is awaited, they should furnish an undertaking as per **Annexure-B** given in this brochure at the time of counseling.

14. Academic registration of all admitted candidates will take place in the institute on 22.08.2023 at 9.00 am.

15. The schedule may change without prior notice. The candidates are therefore advised to visit the institute website https://pec.ac.in/admissions/mtech regularly for any change in the schedule.

16. Candidates admitted without valid GATE will not get any GATE scholarship.

I. Availability Of Seats

1. Every M.Tech Programme has three seats for sponsored candidates.

2. Out of the seats meant for the candidates sponsored by the Central Government / State Government /Autonomous Bodies / Public Limited Companies / AICTE approved institutes, one seat in each of the Civil Engineering (Structural), Environmental Engineering, Electronics (VLSI Design) and Mechanical Engineering programmes is reserved for the candidates sponsored by DRDO. However, if any of the seats so reserved remains vacant, it shall be offered to the candidates sponsored by other Central Government / State Government / Autonomous Bodies / Public Limited Companies / AICTE approved institutes.

NOTE:

1. **Visit our website regularly for the latest updates on vacant seats.**

2. The total number of seats and their subsequent distribution within various categories and branches may be changed without prior notice.

3. The minimum number of students to start an M.Tech. Programme will be five in case of all programmes except the self-supporting programmes.

4. If the candidate belongs to SC/ ST/ PwD are less in numbers, these seats will be offered to General category candidates.

II. ELIGIBILITY CRITERION FOR ADMISSION:

BE/BTech in relevant branch of Engineering with minimum 65% marks (or equivalent CGPA) and relaxation to SC/ST/PwD candidates as per Government norms. If the result of 8th semester is awaited then percentage/CGPA upto 7th semester will be considered. The admissions made on the basis of 7th semester result will be purely provisional and the candidates will be required to submit the proof of fulfilling the eligibility requirements by **29th September, 2023**.

The minimum eligibility criteria for educational qualification and GATE Paper mapping (for GATE qualified category) shall be the same as that of CCMT-2023.
A candidate must have obtained a B.E. / B.Tech. Degree from an NIT/IIT / AICTE approved college/ a university recognized by UGC in the relevant discipline.
• For details of the qualifying degree and GATE Paper mapping, the below-mentioned link may be referred:
https://admissions.nic.in/ccmt/applicant/report/SeatMapping.aspx?boardid=105012321

OR

A candidate must have cleared/completed A & B Sections of the examination conducted by Institution of Engineers (India), Calcutta, or I.E.T.E. Graduate Examination conducted by the Institution of Electronics and Telecommunication Engineers, New Delhi, in the relevant branch or equivalent examinations of Professional Societies, recognized by MHRD / UPSC / AICTE (e.g. AMIE by Institution of Engineers-India, AMICE by the Institute of Civil Engineers-India) and must possess at least five years research / professional experience.

The percentage marks would be as awarded by the respective university from which the candidate has graduated. In case of universities awarding CGPA, the percentage marks would be determined as per the formula specified by the university on its mark-sheet.

Candidates who do not possess B.E./B.Tech. Degree at the time of counseling will be given provisional admission. Such candidates will be required to give an undertaking that they would be submitting the original degree and detailed marks certificates latest by 29th September 2023 failing which their admission

will be cancelled. If the candidate fails to produce/ submit the certificate latest by 29th September, 2023 his/her seat stands cancelled and the fee submitted shall be forfeited except the security/caution money as per the institute norms.

III. **Additional Requirements for Sponsored Candidates**

a. An applicant for a **Full time Sponsored (Two years Duration)** seat must have a minimum of two years full time work experience, as on the last date of receipt of applications, in the sponsoring organization viz. Central / State Government Autonomous Body / Public Limited Company; or as a teacher in an AICTE approved institute. A sponsored candidate will be considered for admission only in that M.E. programme for which he / she has been granted permission by his / her parent department / organization. The main activities of the sponsoring organization should relate to the programme in which the candidate is seeking admission.

b. Candidates sponsored by Central/State Govt. Autonomous Bodies/Public Ltd. Companies/AICTE approved institutes, for admission to M.Tech. Programmes, shall be allowed to attend the classes only after they submit the certificate **(Annexure–A)** of proceeding on leave from their parent organization.

c. If a Full-time sponsored candidate leaves his/her organization during the programme of study, his / her name will be deemed to have been removed from the institute rolls from the date he / she leaves that organization.

IV. Seats are available in the below-mentioned M.Tech. Programme offered by different engineering departments of the Institute:

M.Tech. Programme:

Sr. No.	Department	M. Tech. Programme
1.	Aerospace Engineering	Aerospace Engineering
2.	Cyber Security Research Centre	Computer Science & Information Security **(Self- supporting programme)**
3.	Cyber Security Research Centre	Healthcare Informatics **(Self- supporting programme)**
4.	Department of Civil Engineering	Environmental Engineering
5.	Department of Civil Engineering	Structural Engineering
6.	Department of Civil Engineering	Transportation Engineering

7.	Department of Computer Science & Engineering	Computer Science & Engineering
8.	Department of Electronics & Communication Engineering	Electronics (VLSI Design)
9.	Department of Electrical Engineering	Electrical Engineering (Electrical Energy System)
10.	Department of Electrical Engineering	Electrical Engineering
11.	Department of Mechanical Engineering	Mechanical Engineering
12.	Department of Metallurgical & Materials Engineering	Materials Science and Engineering
13.	Department of Production & Industrial Engineering	Computer Aided Design Manufacture and Engineering

V. Procedure for online Registration

Online Submission of application for Registration on http://pec.ac.in/admissions/mtech Please read the general instructions carefully before starting the registration process. The process of online registration consists of three steps. All the eligible candidates are required to fill online Registration Form.

1. **Payment of Fee**

There is no fee for registration.

1. **Step 1:**
 1.1. Enter a valid email address and other personal details.
 1.2. On submission, a system generated username & password will be displayed on the screen. Note down this username and password for future reference.

2. **Step 2:**
 2.1 Enter the academic qualifications.
 2.2 The candidate then has to upload the scanned images of Photograph and Signature.
 2.3 All Scanned images should be jpg/jpeg format only.
 2.4 Size of the photograph image must be greater than 4kb and less than 200kb. The photograph should preferably have the frontal face with a light background.
 2.5 Size of the signature image must be greater than 4kb and less than 100 kb.
 2.6 Dimension of photograph image should be 200x150(height x width) pixels only.
 2.7 Dimension of signature image should be 100 x 200 (height x width) pixels only.

 Choice Filling

2.8 The candidates have to select their choices of M.Tech. programme in order of their preference. (Note: List of available programme(s) will be based on BE/B.Tech discipline of the candidate). The candidates can select as many choices from the list of available choices.

3. Step 3:

3.1 After successful completion the registration form and choice filling, a confirmation page will be generated.

4. The merit list of eligible candidates will be displayed on **22.08.2023.** The candidates will be required to produce all the original certificates and pay full fees on the spot at the time of counseling in the form of DD in favour of "***Punjab Engineering College (Deemed to be University) – Admissions***" payable at **Chandigarh**" failing which admission will not be granted. **No relaxation in time will be given for arranging the money or for bringing the original certificates from another place.**

VI. Procedure for Filling Up of Reserved Category Seats

1. **Person with Disability (PwD) category**

   Applicants will be considered in this category only if the minimum loss of earning capacity due to handicap is 40% according to the criteria laid down in the standards of E.S.I. Corporation of India. The candidate should bring a Medical Certificate of handicap, in the prescribed proforma **(Annexure – D)**, from a Government Gazetted Medical Officer, for preliminary screening during the Physical reporting. If this certificate is not produced, the admission of the candidate under this category will be immediately cancelled.

   After provisional admission, the candidate will have to appear before the Medical Board constituted by the Principal Medical Officer, Govt. Multi-Specialty Hospital, Sector 16, Chandigarh, for determination of the percentage loss of earning capacity through handicap/disability and for getting a certificate to this effect. This certificate will also indicate the name of the disease causing the handicap; whether the handicap is progressive or non-progressive; and whether the candidate will be able to carry on the studies and perform the duties of an engineer. The final

admission will be based on this certificate issued by the Medical Board. In case any candidate does not present himself/ herself before the Medical Board on the date intimated to him/ her, his /her candidature against this category will be rejected and no subsequent opportunity will be given to him/her.

An applicant having a temporary or progressive handicap will not be considered for admission against the seats reserved for this category.

If the requisite number of eligible PwD candidates are not available, the unfilled seats belonging to this category will be treated as unreserved and will be filled up from amongst the candidates belonging to the General category in the final round.

2. **Full time sponsored Category**

   If the requisite number of eligible full-time sponsored candidates are not available, the unfilled seats belonging to these categories will not be filled since the seats for full time sponsored candidates are supernumerary in nature.

3. **Scheduled Castes / Scheduled Tribes (S.C./S.T.) category**

   An applicant seeking admission under these reserved categories has to submit his/her caste certificate **(Annexure - C)** from the competent authority at the time of physical reporting. The admission of S.C./S.T. candidates will be subject to subsequent verification of their caste /tribe certificate by the issuing authority.

   If a seat belonging to the S.C. category remains unfilled, it will first be made open to the S.T. category candidates, *and vice-versa.* Only after all the eligible candidates in both the S.C. and S.T. categories have been considered, a vacant seat belonging to any of these categories, will be offered to a General Category candidate.

4. **EWS category**

   An applicant seeking admission under EWS category has to submit his/her certificate **(Annexure - E)** from the competent authority at the time of physical reporting and the certificate must be issued on or after April 01, 2023.

VII. INTER-SE MERIT FOR ADMISSION

1. The merit for candidates will be based on the CGPA/ Percentage of marks secured in the qualifying degree (B.E/ B.Tech.). In case of any tie, their qualifying degree merit will be the deciding factor. In case the qualifying degree marks are not available, seventh semester marks / marks at last common level will be the deciding factor for the inter-se merit.

VIII. LEAVE AND ATTENDANCE

1. Students who are absent from the institute continuously for four weeks without permission from the Head of Department, may not be permitted to continue in the semester and may be asked to drop the semester, unless satisfactory explanation of their absence, as given by them through the Head of Department, is duly accepted by the Chairman Senate.

2. Students who are in receipt of the scholarship shall be entitled to avail leave as per AICTE norms and guidelines without loss of scholarship. They are not entitled for any vacation.

3. **Semester Leave**: Semester leave for up to a maximum of two semesters for the M.Tech. students may be sanctioned for bonafide reasons. Except for medical reasons, such leave would not normally be sanctioned before a student has completed his/her programme requirements and in no case before the student has spent two semesters in the programme. However, on medical considerations such leave may be sanctioned after his/her stay of one semester. Leave for more than one semester at a time will not be granted.

4. **Note**: However, the latest rules as decided by the Senate for the Semester leave and Termination etc. will prevail for all the students.

IX. FEES AND EXPENSES

The institute fees include the following:
Fees & Registration:

Table 1: Fee Structure

	For GATE qualified candidates (Excluding Self-Supporting M.Tech. Programme)	Part Time, Sponsored (GATE/ Non-GATE Candidates) and Self-Supporting M. Tech. Programme
One time (at Admission only)		
Admission Fee	Rs. 5,000	Rs. 5,000
One time student service fee	Rs. 6,000	Rs. 6,000
Refundable Deposit	Rs. 8,000	Rs. 8,000
Semester Fees		
Academic	Rs. 42,500	Rs. 66,000
Other facilities & services	Rs. 6,000	Rs. 6,000
Total payable at the time of admission (for day scholar)	**Rs. 67,500**	**Rs. 91,000**

Note:

1. Revision in the fees, if any, will be notified on the website https://pec.ac.in. Candidates are requested to check fee structure prior to attending counseling.
2. The mode of payment is through Demand Draft in favour of **"Punjab Engineering College (Deemed to be University) - Admissions"** payable at Chandigarh.
3. Every student has to be a part of the medical insurance policy for which a fixed premium is to be paid.
4. **Hostel facilities are available for the M.Tech. students**.

X. REFUND RULES

If a candidate cancels his/her admission by submitting a written request for withdrawal, the following refund rules will apply:

1. The admission fee is non-refundable.
2. If a student after being granted admission pays the full fee but *does not register* with the institute on the prescribed date, withdraws his/her admission and applies for refund, the entire fee be paid by him/her shall be refunded as per institute norms.
3. If a student after being granted admission pays the fee and registers with the institute on the prescribed date but withdraws his/her admission later and applies for refund *before the date of final counseling* for admission for

the particular year, his/her admission fee paid will be forfeited. The other fees paid by him/her will be refunded as per Institute norms.

4. A student who withdraws his/her seat after the counseling for admissions for that year has taken place, he/she will not be entitled to refund of any fee paid by him/her except for the refundable deposits.

5. Subsequent round of counselling will be held subject to the availability of vacant seats if any under any category.

General Notes:

1. Fees will also be charged for the additional period which a student may have to spend beyond the normal duration of the programme.

2. For obtaining refund of relevant component of fee deposit, the concerned student should obtain clearance certificate from various Departments/ Office concerned before leaving the institute and also intimate the latest address on which the amount of security is to be remitted. However, a clearance certificate is not required if a student has not attended any class till the date of his/ her surrendering the seat and produces a certificate to that effect from the Head of the respective Department.

3. Any student who fails to pay the dues by the prescribed date may be fined, suspended or ultimately removed from the institute rolls.

4. Registration in every semester is mandatory.

5. For more details, the Academic Rules and Procedures for PG Programmes may be referred.

Table -2

Online Registration and Counseling Schedule for M.Tech. Admissions (2023-24)

Online Registration	07.08.2023 to 20.08.2023
Date of document verification, Display of merit list , counseling and fee submission in the institute auditorium	22.08.2023
Subject Registration at the institute	22.08.2023

Note: The schedule may change without prior notice. The candidates are advised to visit the institute website https://pec.ac.in/admissions/mtech regularly for any change in the schedule.

FORMAT FOR CERTIFICATE OF SPONSORSHIP FOR NOMINEES

Certified that _____ son/daughter of Shri_____ has been working as_____ (e.g. Engineer/ Teacher/ Employee) on regular full time basis in_____ (Department/Organization) since_____ (date). His/ Her provident fund account no. is _____. The officer/ official is permitted to pursue higher studies on full-time basis. The officer/ official will be granted leave as per requirement for the period of study.

He/She is hereby sponsored for admission to M.Tech. Programme in* _____ at Punjab Engineering College (Deemed to be University), Chandigarh for the session _____. In case he/she is selected for admission, he/she will be relieved from his/her duty and allowed to join the classes for full duration of the said programme.

If he/she leaves this Department/Organization during his/her period of study, Punjab Engineering College (Deemed to be University) will be informed accordingly to cancel his/her admission.

Further certified that he/she shall continue to be an employee of this Department/Organization and shall join back his/her duties after completing the programme. Certified that this institute is approved by AICTE *(only for an educational Institute).*

Date: _____   (Signature & Seal of the
                                                         employer)

* Both the branch and the department should be mentioned.

CERTIFICATE FOR NON-DECLARATION OF RESULT

(Required during registration from candidates whose result of the qualifying

examination has not been declared)

I hereby certify that Mr./Ms._____ has

appeared in the final semester examination including theory, practical and project

examination for B.E./B.Tech./M.Sc._____ degree (strike out

the non-applicable ones and write in the blank space if the degree is not mentioned) and

the result is likely to be announced by _____2023. The percentage of aggregate

marks/CGPA obtained by him/her in the pre-final year/upto 7th semester examination

is_____. His/her conduct and character during his/her stay at the

Institute/University/College was "GOOD".

Place: _____   Signature of the Principal/Dean/Registrar/
Date: _____   Dy. Registrar/Proctor/Administrative Officer/
                                          Asstt. Registrar of the institute last attended
                                          with seal

CERTIFICATE OF CASTE

(to be submitted by Scheduled Castes/Scheduled Tribes candidates only)

Certified that Mr./Ms. _____, son/daughter of Shri

_____, resident of_____, District

_____,State_____ is a member of the Scheduled Castes/Tribes and belongs

to _____ caste/tribe which has been recognized as a Scheduled

Caste/Tribe vide notification No._____ dated _____

issued by Government of _____ (State).

Name of the Certifying Officer   Signature of the Revenue Officer

Rank Designation_____   of the District concerned, not below the

                                        rank of Tehsildar

Date   Seal

Note: Certificate, if issued by other than authority mentioned, notification of
       Government must be included.

CERTIFICATE FOR PERSON WITH DISABILITY (PwD)
to be issued by
MEDICAL BOARD, GENERAL HOSPITAL, SECTOR 16, CHANDIGARH

1. Name of the candidate: Mr./Ms. _____

2. Father's Name: _____

3. Permanent Address:_____

_____

_____

4. Percentage loss of earning capacity *(in words)*:

_____

Affix recent passport size photograph duly attested by the P.M.O.

5. Whether the candidate is otherwise able to carry on the studies and perform the duties of an engineer/architect satisfactorily: _____

6. Name of the disease causing handicap: _____

7. Whether handicap is temporary or permanent: _____

8. Whether handicap is progressive or non-progressive : _____

9. The candidate is FIT / UNFIT to pursue the engineering studies.
          (Strike out whichever is not applicable)

_____   _____   _____
          Member   Member   Principal Medical Officer
(Orthopedic Specialist)   General Hospital, Sector 16,
                                                                                                                                  Chandigarh

Date: Seal of Office

NOTE:
1. The medical board must have one orthopedic specialist as its member.
2. Candidate having temporary or progressive handicap will not be considered against these seats.

INCOME & ASSEST CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER

SECTIONS Government of ....

(Name & Address of the authority issuing the certificate)

[This certificate MUST have been issued on or after 1ˢᵗ April 2023]

Certificate No_____   Date: _____

VALID FOR THE YEAR_____

1. This is to certify that Shri/Smt./Kumari _____, son/daughter/wife of _____ permanent resident of _____, Village/Street _____ Post _____ District in the State/Union Territory _____ Office Pin Code_____ whose photograph is attested below belongs to Economically Weaker Sections, since the gross annual income* of his/her family** is below Rs. 8 lakh (Rupees Eight Lakh only) for the financial year_____ . His/her family does not own or possess any of the following assets***:

    I.   5 acres of agricultural land and above;
    II. Residential flat of 1000 sq. ft. and above;
    III. Residential plot of 100 sq. yards and above in notified municipalities;
    IV. Residential plot of 200 sq. yards and above in. areas other than the notified municipalities.

2. Shri/Smt./Kumari _____ belongs to the caste which is not recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List).

Signature with seal of _____

Office Name_____

Designation_____

Recent Passport size attested photograph of the applicant

> **The income and assets of the families as mentioned would be required to be certified by an officer not below the rank of Tehsildar in the States/UTs.**

Note:

*   Income covered all sources i.e. salary, agriculture, business, profession, etc.
** The term 'Family" for this purpose includes the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of I8 years. *** The property held by a "Family' in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.