



# UIET, Panjab University, Chandigarh

## Admissions Open to Post Graduate Courses for 2023-24 Session



Course	Eligibility
M.E. Computer Science & Engineering	B.E./B.Tech. or equivalent in CSE/IT/ Allied branch with 60% or above marks from Panjab University or any other University recognized by Panjab University as equivalent thereto.
M.E. Computer Science & Engineering (Cyber Security)	
M.E. (Biotechnology)	B.E. /B.Tech Biotechnology Engineering/Biochemical Engineering with atleast 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto.
M.E. (EE- Power System)	B.E. /B.Tech or equivalent in Electrical Engineering / Electrical & Electronics Engineering with 60% or above marks from Panjab University or any other University recognized by Panjab University as equivalency thereto.
M.E. (ECE)	B.E./ B.Tech or equivalent degree in Electronics / ECE Electronic and Telecommunication ECE with at least 60% marks in aggregate from Panjab University or any other University recognized by PU as equivalent thereto.
M.E. (IT)	B.E. or B.Tech. or equivalent degree in Information Technology / Computer Science & Engineering / Computer Engineering/ Electronics & Communication Engineering / Electrical & Electronics Engineering / Computer Science & Electronics Engineering /Computer Science & Business Systems/ Data Science/ Artificial Intelligence/ Artificial Intelligence and Machine Learning/Cyber Security/ Software Engineering/ Electronics and Computer Engineering/ Robotics and Automation, with at least 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto.
M.E. (Mechanical)	B.E./ B.Tech. in Mechanical, Automobile/ Mechatronics/ Industrial Automation/ CAD/CAM/Welding/Robotics/Aeronautical/Metallurgy/Polymer/Instrumental/Marine/Manufacturing/Material/Production Engineering/Technology With At Least 60% Marks In Aggregate From Panjab University Or Recognized By Panjab University Or Any Other University Recognized By Panjab University As Equivalent Thereto
M.Tech. Material Science and Technology	B.E./B.Tech. degree in any engineering discipline (Except Computer Science/IT) with at least 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto. or M.Sc. degree in Physics/Chemistry/Applied Physics/Applied Chemistry/Biotechnology/Life Sciences/Material Science/ Nano Science/Nano Technology with at least 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto.
M.Tech(Microelectronics)	B.E./ B.Tech or equivalent degree in CSE / Electrical / EEE / Electronics / Microelectronics / Electronics & Electrical Communications / Electronics & Telecommunication / ECE / IT / Instrumentation Engineering/ M.Sc. Applied Physics / M.Sc. Physics with specialization in Electronics or M.Sc. in Electronics (as approved by AICTE) with at least 60% marks in aggregate from Panjab University or any other University recognized by PU as equivalent thereto.



## UIET, Panjab University, Chandigarh Admissions Open to Post Graduate Courses for 2023-24 Session



Course Name	Seat Matrix						
	Open	SC	ST	BC	Sports	PH	Defence
M.E. (CSE)	11	3	2	1	1	1	1
M.E. (Cyber Security)	8	2	1	1	1	1	1
M.E. (Biotechnology)	12	3	2	1	1	1	1
M.E. (EE- Power System)	11	3	2	1	1	1	1
M.E. (ECE)	11	3	2	1	1	1	1
M.E. (IT)	11	3	2	1	1	1	1
M.E. (Mechanical)	11	3	2	1	1	1	1
M.Tech.(Mat. Sc. & Engg.)	11	3	2	1	1	1	1
M.Tech(Microelectronics)	12	2	1	-	-	-	-

**\*for each course additional seats: 02-One Girl Child, 01-Cancer Patient, 01-AIDS Patient, 01-Thalassemia Patient, 02-Rural India Students, 02-Border Area, 01-Kashmiri Migrant are available. 02-NRI, 01-Foreign National are available.**

**\*\*Mode of Admission: Preference will be given to GATE-qualified candidates for all courses. Candidates with at least 60% marks in the qualifying examination will be given admission if seats remain vacant after GATE-qualified candidates' admission.**





# University Institute of Engineering and Technology

## Panjab University, Chandigarh



### Admissions Open for 2023-24 Session to

## M.E. Computer Science & Engineering

## M.E. Computer Science & Engineering (Cyber Security)

#### Vision

To be recognized as an eminent department in Computer Science and Engineering education and research for the benefit of the society globally.

#### Salient Features

- 17 Core Faculty Members (09 Professors, 02 Associate Professors, 06 Assistant Professors) and 05 Visiting Faculty Members with an average Teaching Experience of 18+ years.
- 06 Patents Granted and 09 Patents Published
- 10.36 Crores of Research and Consultancy Grants from DST, MeitY, DRDO, AICTE, and International Organizations for more than 30 Sponsored Research Projects and Industrial Consultancies
- 220+ Quality SCI/SCIE Indexed Publications
- 685+ Scopus Indexed Publication since 2016
- 320+ Book Chapters/Conference Publications
- 40 students completed their Ph.D. and more than 50 are enrolled for Ph.D.
- ME CSE Course is NBA Accredited
- CSE Department is FIST Supported
- 07 Research Labs
- GATE Scholarships for PG Students as per AICTE Norms

#### Placements for PG

Google, Accenture, Deloitte, Cognizant, TCS, Infosys, Samsung, Indiamart, Paytm, Nutanix, BSNL, etc

#### Higher Studies

The University of Florida, The University of South Florida, Panjab University, Thapar Institute of Engineering and Technology, etc.

#### Thrust Areas

Artificial Intelligence

Cybersecurity

Machine Learning & Deep Learning

Natural Language Processing

Cloud Computing

Image and Video Forensics

Networking and Telecommunication

Internet of Things

#### Research Labs

Computational Neuro Science, Telecommunication Research, Computer Vision and Image Processing, Artificial Intelligence, Machine learning and Deep Learning, Cloud Computing, Robotics, Sensors and IoT.

#### M.E. Computer Science & Engineering

Seats : 20 + 2(NRI) + 1(FN) + Additional Seats.

**Eligibility:** B.E/B.Tech. or equivalent in Computer Science and Engineering/ Information Technology/ Allied branch with 60% or above marks from Panjab University or any other University recognized by Panjab University as equivalent thereto.

#### M.E. Computer Science & Engineering (Cyber Security)

Seats: 15 + 2(NRI) + 1(FN) + Additional Seats

**Eligibility:** B.E/B.Tech. or equivalent in Computer Science and Engineering/ Information Technology/ Allied branch with 60% or above marks from Panjab University or any other University recognised by Panjab University as equivalent thereto.

#### Mode of Admission

Preference will be given to GATE qualified candidates. Candidates with at least 60% marks in the qualifying examination will be given admission if seats remain vacant after GATE qualified candidates' admission.

**APPLY NOW**



## **ABOUT US**

### ***A Glimpse of Our Department***

- Perfect blend of theoretical knowledge and experiential learning in the areas of Information Theory, Computer Science and Communication.
- Cutting-edge research labs and curriculum with comprehensive focus on all the latest advance technologies for competitive edge.
- Research & Consultancy projects funded by DST, MHRD and Industry worth Rs.1.84 crores.
- AICTE Approved Courses BE(IT), ME(IT) and fulltime Ph.D.
- Students have won many national level competition like Tata Crucible 2019, Deloitte CCTC2020, Smart India Hackathon 2019, Lowe's House of code 2022, Google Summer of Code 2022 etc.
- Funding available for attending seminar, buying project equipment's etc. to encourage student participation in events and activities.
- Various student Clubs are available for extra-curricular activities like literary, music, drama, programming etc.
- AICTE Scholarship for GATE candidates.
- In-campus Hostel Facility and Reasonable fee structure
- NBA accredited BE(IT) program



## **DEPARTMENT OF INFORMATION TECHNOLOGY**



### **CALL FOR ADMISSIONS**

### **SESSION 2023-24**

#### **OUR VISION:**

The Department of Information Technology aims to develop information technology engineers who work professionally and creatively for the advancement of technology and betterment of society.

#### **Mode Of Admission**

**Admission on the basis of GATE SCORE and B.E./ B.Tech percentage.**

#### **Order Of Preference:**

**1st Preference -> GATE SCORE**

**2nd Preference -> MARKS IN QUALIFYING EXAMINATION AS PER ELIGIBILITY CONDITION**

#### **Admission Process**

**Register for Counseling cum Admission on the admission website :**

**<https://onlineadmissions.puchd.ac.in/>**

#### **Important Links:**

**<https://uiet.puchd.ac.in>**

**<https://puchd.ac.in>**

#### **Faculty Strengths**

- Highly motivated and dedicated faculty working in upcoming research areas.
- Faculty with more than 20 years of experience.
- More than 220 research papers in SCI and Web of Science journals, around 5 patents.
- All Regular faculty Doctorate
- Research and Consultancy at National and International level

#### **Phenomenal Placements**

- Campus Placement programs for U.G. and P.G. students
- 100% placements of eligible students average package Rs. 8.4 lpa, Highest package 32 lpa
- Alumni Startups: Cyber Defence Intelligence, Glennio Software Pvt. Ltd., EduRev etc.
- Major Recruiters: Google, Amazon, American Express, Aricent, Samsung, MU Sigma, ZS Associates, Deloitte, KPMG, Infosys
- Startups with turnover over Rs. 1 Cr

#### **Innovative Thrust Areas**

- Cloud Computing & IoT, Automation and Control, Cyber Security and Forensics, Image Processing, Wireless Communication & Bioinformatics.
- Around 30 research scholars (UGCNET/ JRF/GATE qualified) are dedicatedly working in these thrust areas.

**APPLY NOW**



## Call for Admissions for Session 2023-24

**M.E. (Electronics & Communication Engineering) Seats: 20+2(NRI)+1(FN)+ Additional**  
**M.Tech. (Microelectronics) Seats: 12+3 SC/ ST +2 NRI +1FN+ Additional**

### VISION

Electronics & Communication Engineering will contribute to the ever changing industrial requirements, economic growth and global societal needs by enhancing the technical skills and entrepreneurship abilities.

### SALIENT FEATURES

- State-of-the-art research lab infrastructure.
- Research & consultancy projects funded by DST, Miety and International collaboration
- AICTE scholarships for GATE qualified candidates
- Alumni placed in highly reputed MNCs and pursuing research work in IITs, IISc, ISB, IISER and ISRO.
- Students are involved in various national and International research projects with their faculty supervisors funded by reputed National and International funding agencies.
- ME students have good quality publications in reputed International Journals which are indexed by SCI/SCIE/SCOPUS with good impact factors and reputed international conferences.

### FACULTY

- Highly motivated and dedicated faculty, working in modern research areas having National and International acclaim
- Faculty has contributed towards more than 200 research publications in SCI/Scopus indexed journals and international conferences
- International research collaborations

### THRUST AREAS

- VLSI Design and Nanomaterials
- Signal Processing
- Image Processing and Artificial Intelligence
- Communication Engineering
- Embedded System Design

### ADMISSION PROCESS

Preference will be given to GATE qualified candidates. In case of left over seats, admission will be done on the basis of B.E/B.Tech. percentage)

Contact :

ecemeadmissions@gmail.com

8847436313

### Eligibility Conditions

**For M.E. ECE:**

*B.E./ B.Tech or equivalent degree in Electronics / ECE / Electronic and Telecommunication ECE with at least 60% marks in aggregate from Panjab University or any other University recognized by PU as equivalent thereto.*

**For M.Tech. Microelectronics:**

*B.E./ B.Tech or equivalent degree in CSE / Electrical / EEE / Electronics / Microelectronics / Electronics & Electrical Communications / Electronics & Telecommunication / ECE / IT / Instrumentation Engineering/ M.Sc. Applied Physics / M.Sc. Physics with specialization in Electronics or M.Sc. in Electronics (as approved by AICTE) or M.Sc. in with at least 60% marks in aggregate from Panjab University or any other University recognized by PU as equivalent thereto.*

**APPLY NOW**

# Department of Mechanical Engineering

## University Institute of Engineering and Technology, Panjab University, Chandigarh

### Call for Admissions to M.E. in Mechanical Engineering

### Session 2022-23

#### **Vision:**

To be Fountainhead of Technological solutions for Needs of Society and Industry.

#### **Salient Features:**

- Entrepreneurship Development Cell (EDC) to encourage students lead start-ups in innovative research areas
- Advanced Manufacturing equipment such as EDM, CNC Milling and 3D printing facilities
- Metal and polymer-based nano-composite fabrication machines
- 3D modeling and designing computational facilities for conducting research in multi-disciplinary areas
- Material testing and characterization facilities for evaluating mechanical properties of materials
- TBIU Technology based incubation unit to encourage startups
- Upcoming FIST Centre for Biomechanical Engineering and Medical Devices.

#### **Thrust areas:**

Design & Automation, Advanced Materials & Manufacturing, Healthcare, Medical devices & Bone reconstruction, Rapid Manufacturing

#### **Faculty:**

- Highly motivated and dedicated faculty, working in modern research areas having National and International acclaim
- More than 200 SCI/Scopus research publications
- Diverse areas of research with sponsored projects from Govt. and industry

#### **Major Collaborations:**

- Industry tie-ups for real-life problems with Tynor Orthotics Ltd., Oceaneering, Esteem Industries, Finamics etc.
- MoUs with reputed institutions for knowledge transfer with IIT Ropar, PEC, CCET, CSIO, DRDO, Nottingham Trent University, University of Nottingham, University of Birmingham etc.

#### **Eligibility Conditions:**

- B.E./ B.Tech. in Mechanical, Automobile/ Mechatronics/ Industrial Automation/ CAD/CAM/Welding/Robotics/Aeronautical/Metalurgy/Polymer/Instrumental/Marine/Manufacturing/Material/Production Engineering/Technology with at least 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto.
- GATE qualified candidates are awarded AICTE scholarship of Rs. 12400/- per month

#### **Mode of Admission:**

***Preference will be given to GATE qualified candidates. Candidates with at least 60% marks in the qualifying examination will be given admission if seats remain vacant after GATE qualified candidates' admission.***

Download/Scan the brochure here:

<https://admissions.puc hd.ac.in/handbookofinformation.php>



Contact info:  
mechuiet@pu.ac.in  
9855088220 (M)

**APPLY NOW**



# Department of Electrical & Electronics Engineering University Institute of Engineering and Technology, Panjab University, Chandigarh



## Call for Admissions to M.E. in Power Systems Session 2023-24

### **Vision:**

To impart knowledge of Electrical and Electronics Engineering and prepare graduates to achieve excellence in engineering education and research

### **Facilities:**

- A branch with perfect blend of theoretical knowledge and experimental learning in the areas of Power system, Electrical machines, Renewable Energy, Control and Power Electronics.
- Research & consultancy projects funded by DST, MHRD and Industry
- Alumni placed in highly reputed MNCs and pursuing research work in IITs, IISc, ISB, IISER, DRDO etc.
- Alumni Startups: EduRev, Engineers Hub & many more
- State-of-the-art research labs Under Design Innovation Centre and UGC-SAP for research in Energy, Power Electronics, and Active noise control etc.
- More than 100 research papers in SCI and Web of Science journals.
- 100% faculty is PhD with more than 15 years of teaching & industrial experience
- Campus placement opportunities for ME students
- GATE Scholarships for PG Students as per AICTE Norms.

### **Thrust areas:**

- Power System
- Electrical Machines
- Control System
- Renewable Energy
- Power Electronics Drives
- Nanotechnology.

### **Outstanding placements:**

- Good placements with average package of Rs. 6.5 lakhs per annum

### **Major Recruiters**

- Areva, Cadbury, SML ISUZU, IOC, Deloitte, Aricent, ZS, KPMG, Infosys, Tech Mahindra and HMEL etc.



### **Contact info:**

EMAIL: [coordeee@pu.ac.in](mailto:coordeee@pu.ac.in)

Contact: 9023200077(M)

### **Mode of Admission:**

Preference will be given to GATE qualified candidates. Candidates with at least 60% marks in the qualifying examination will be given admission if seats remain vacant after GATE qualified candidates' admission.

### **Eligibility Conditions:**

*For M.E. Power Systems:*

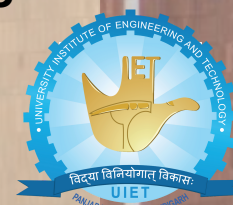
*B.E./ B.Tech or equivalent degree in Electrical Engineering / Electrical & Electronics Engineering with at least 60% marks in aggregate from Panjab University or any other University recognized by PU*

**APPLY NOW**  
**Electrical Engineering**  
**(Power System)**

# Department of Applied Sciences University Institute of Engineering and Technology, Panjab University, Chandigarh

## M.Tech. (Material Science & Technology)

Session 2023-24



### **Vision:**

M.Tech. (Material Science and Technology) is an interdisciplinary two year postgraduate course, based on knowledge of physical, chemical and engineering sciences. This course will provide key information about fundamental characteristics of a variety of materials including metals, ceramics, nano materials, polymers, bio-materials, composite materials and hence manipulate their mechanical, electrical, optical and magnetic properties in order to design specialized materials.

### **Thrust areas:**

**M.Tech. (Material Science and Technology) course is running successfully since 2014 in UIET, Panjab University, Chandigarh. The Alumni are placed in various industries and pursuing research in premier institutes like CSIR and DRDO Labs, IITs and reputed Universities abroad.**

### **Facilities:**

- Panjab University has sophisticated advanced instrumentation facilities like HRTEM, FESEM, NMR, UV/Vis and FTIR spectroscopy, XRD.S, Confocal Microscopy, GC-MS, MALDI TOF, Confocal Microscopy, GC-MS, MALDI TOF, Mass, X-Ray, ICP-MS etc. Mass, X-Ray, ICP-MS etc.s.
- UIET-Applied Sciences department offers highly advanced material science lab with dedicated sophisticated instruments

### **Career and Job Prospects**

- Manufacturing and technical support industry
- Academic and research institutes
- Material design specialists in industry and research organizations (Metallurgical, Textile, Food, Health, Security etc.)
- Space and Defence Research Organisations
- Transport Industry (Railways, Automobile, Civil Aviation etc.)

### **Eligibility Conditions:**

Following is the eligibility criterion (any of the following):

B.E./B.Tech. degree in any engineering discipline (Except Computer Science/IT) with at least 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto.

or

M.Sc. degree in Physics/Chemistry/Applied Physics/Applied Chemistry/Biotechnology/Life Sciences/Material Science/ Nano Science/Nano Technology with at least 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto.

### **Order of Preference for Admission:**

- First preference will be given to GATE Score.
- Second on the basis of marks in qualifying examination as per eligibility conditions

### **Funding Available :**

**Scholarship available to GATE qualified students.**

### **Research Area :**

- Sensing (Gas sensing, bio-sensing etc.)
- High Energy Physics
- Computational designing
- Drug delivery and theranostics

## **APPLY NOW**

**Contact info:**

**EMAIL: [appliedscienceuiet@gmail.com](mailto:appliedscienceuiet@gmail.com)**

**Phone: 0172-2541242,2534995**



**Download the brochure here:**

**<https://admissions.puchd.ac.in/handbookofinformation.php>**





# DEPARTMENT OF BIOTECHNOLOGY

## University Institute of Engineering and Technology, Panjab University, Chandigarh



### Admissions open for ME (Biotechnology) Session 2023-24

#### VISION

To nurture world-class bioengineers with a potential to innovate, invent and disseminate knowledge for the benefit of society and environment.

#### SALIENT FEATURES

- The Department of Biotechnology is perfectly poised to offer students an opportunity to develop expertise and succeed in building a career in the exciting areas of biotechnology and its allied fields.
- UGC scholarship available for GATE qualified candidates.
- One DBT-Builder scholarship is available to the selected candidate.
- Infrastructure Development and Research projects worth Rs. 10 crore, funded by DBT, DST, and other funding agencies.
- Alumni are currently pursuing research work in renowned National and International institutions such as PGI, CIAB, INST, CSIO, IIM, IISER, Texas A&M University, among others.
- Our alumni have secured positions in highly prestigious organizations like Paraxel, Roots Analysis, ZS Associates, and more.

#### FACULTY

- Experienced faculty members with over 15 years of teaching experience, actively involved in a wide range of research domains.
- More than 200 research papers in SCI/SCOPUS journals and 4 patents filed.
- Research and collaborations at the National and International levels.

#### THRUST AREAS

Our focus lies on exploring the latest trends in Bioengineering, encompassing a diverse spectrum of fundamental aspects such as Microbiology, Biochemistry, Genetic Engineering, Enzyme Engineering, Bioinformatics, and System Kinetics. To apply these interdisciplinary approaches to various fields, including

**Bio-Process Engineering, Pathophysiology, Toxicity analysis, Nano-biosensors, Diagnostics, Catalysis, Biodegradation, Cancer Biology, Therapeutics, Bioinformatics**

The Department is equipped with good laboratory infrastructure, sophisticated central instrumentation facility, for cutting edge research in the emerging areas.

#### SCOPE

The course provides students with a distinctive opportunity to pursue careers in Bioprocess Technology, Nano-biotechnology, Drug Discovery and Development, Environmental Bio-remediation, Disease Diagnosis, Bioinstrumentation, Intellectual Property Rights (IPR), Sensors, and more.

#### MODE OF ADMISSION

**Seats:** 12+ 2(NRI)+1(FN)+ Additional seats

Preference will be given to GATE qualified candidates. Candidates with at least 60% marks in the qualifying examination will be given admission if seats remain vacant after GATE qualified candidates' admission.

**Eligibility:** B.E./B.Tech Biotechnology Engineering/Biochemical Engineering with atleast 60% marks in aggregate from Panjab University or any other University recognized by Panjab University as equivalent thereto.

**Contact :**

8283932410, 9888869196  
biouiet@pu.ac.in

**APPLY NOW**