



**CHANDIGARH  
UNIVERSITY**

Discover. Learn. Empower.

**NAAC  
GRADE A+**  
ACCREDITED UNIVERSITY



# DEVELOP AN EXPERT UNDERSTANDING OF COMPUTER CIRCUITS

Pursue Master of **Engineering**  
**Electrical** Engineering

# Chandigarh University – A Truly World-Class Institution

Chandigarh University is a leading Indian institution offering its students a unique amalgamation of professional and academic excellence. We are amongst the top 5% universities of India to be accredited with the prestigious NAAC A+ Grade and ranked 2nd among the private universities in India as per the QS Asia University Rankings 2023.

Located in the vicinity of the City Beautiful in India, Chandigarh University has a sprawling 200-acre smart campus with world-class infrastructure and facilities. Home to students from 28 Indian states, its 8 Union Territories, and 54 countries around the world, CU has transformed into a unique learning universe that amalgamates the spirit of multiculturalism, diverse ethnicities, and hallowed traditions from across the world.

The University provides a global perspective to facilitate students with international learning opportunities through partnerships with over 443 top-ranked universities in 86 countries.

## Awards & Rankings



**RANKED 2<sup>nd</sup> AMONGST  
ALL THE PRIVATE  
UNIVERSITIES OF INDIA**  
by QS Asia University Rankings 2023



**RANKED AMONGST  
INDIA'S TOP 3  
PRIVATE UNIVERSITIES**  
by QS World University Rankings 2023



**RANKED #29 AMONGST TOP  
UNIVERSITIES IN INDIA**  
(Overall #48, Engg. #45, Mgmt. #40, Pharmacy #37,  
Architecture #19)



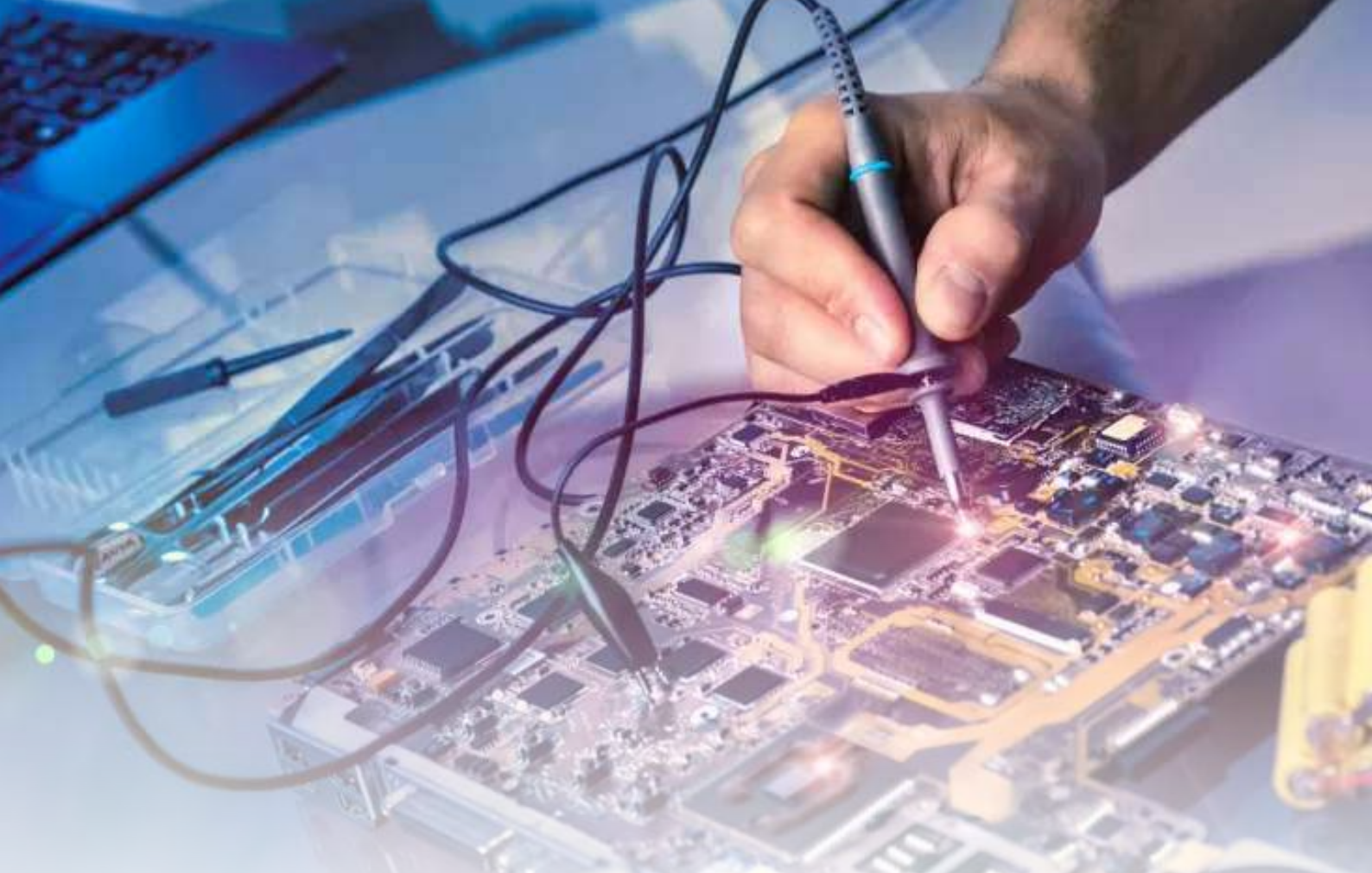
**ONLY PRIVATE UNIVERSITY  
IN PUNJAB**  
to be accredited by NBA for Engineering and  
MBA programs

## Recognitions & Accreditation



## Memberships





## **. Department** of Electrical Engineering

The Department of Electrical Engineering offers an innovative environment that fulfills the acquisition of technical skills through an ingenious curriculum equivalent to the best Global Universities. From core competency in the field areas to all round development beyond academics, the students are taught and groomed for everything. The Department faculty members involve themselves in pursuing their research in the latest technologies and has around 450 publications in leading National and International journals to their credit.

## **Master of Engineering** in Electrical Engineering

### **. Eligibility** Criteria for Admission

- B.E./B.Tech. in Electrical. Engg./ Electronics Engg./ Computer Science & Engg./Electrical & Electronics Engg./ Instrumentation Engg. or M.Sc. in Electronics Science / Electronics or equivalent with at least 55% marks (50% in case of candidates belonging to SC/ST category) qualified from a recognized university or college or institute.

### **. Duration**

- 2 Years



## • **Why Study ME Electrical Engineering in Chandigarh University?**

- Punjab's Youngest University to bag the prestigious NAAC A+ accreditation
- International Standard and Research-Oriented Course Curriculum with one-year course work followed by choice of Industry Internship or Research Work
- International Exposure through academic tie-ups with 443+ Universities across 86 Countries; conducting (1+1) International Articulation Programs at top-Ranked Universities
- Real-Time Practical Exposure of working on research projects from Government agencies such as DST, MHRD, DBT, CSIR, and UGC, as part of the course curriculum
- Industry Internship and Exclusive Campus Placement Opportunities
- 5 Years ME-PhD Integrated Program with an exit option to earn a Master's Degree after 2 Years
- GATE Fellowships for the GATE qualified students, and Research Fellowships/Teaching Assistantships for the meritorious students
- EARN WHILE LEARN option for the students
- GATE/PSUs/Govt. Jobs Exam workshops/trainings by Qualified Technical Experts
- Extensive Research Opportunities for ME students with on-campus University Centre for Research & Development and 30+Industry Established R&D Labs
- Technology Business Incubator facilitating entrepreneurship
- Flexibility to choose a Master's Degree in Allied or Inter-Disciplinary Specialization

## Industry Collaborated Labs

- MATLAB-2020 (Full Version)
- ETAP Software Tool
- Lab View
- Power World Simulator
- Project Lab

## Research Areas

- Power Systems
- Power Electronics
- Electric Vehicle Technology
- Control & Instrumentation
- Electrical Machines

## Research Association Opportunities



## International Tie-ups

Get the benefits of CU's International Tie-ups to study abroad.



## Advanced Research Labs

- Switchgear & Protection Lab
- Innovation Lab for sustainability Lab
- Microprocessor Lab
- Simulation Lab
- Digital Signal Processing Lab
- Linear Control Systems Lab
- Electrical Measurements and Measuring Instruments (EMMI) Lab

# - **Top Certifications** for Electrical Engineers

- Hydro, Wind and Solar Resources Variable and Forecast
- Renewable Energy and Green Building Entrepreneurship
- Electric Mobility Certification
- Battery Management System Certification

# - **Research** Publications

**57** Patents  
Published

**05** Patents  
Filed

**47** Research  
Publications

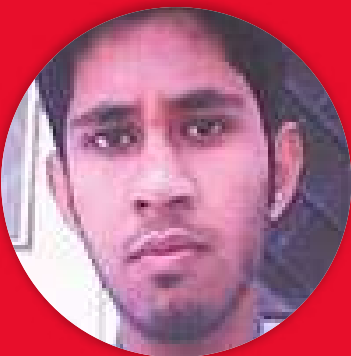
# - **Research** Areas

- Distributed Generation
- IOT, Microgrid
- Electric Hybrid Vehicles
- Energy Storage
- Battery Management Systems
- Machines
- Power systems and many more.





## - Alumni Speak



At CU, I excelled in academic as well as other co-curricular activities. With a brilliantly aligned course structure, CU has opened the doors for getting lucrative jobs. The two years at Chandigarh University were the most important years of my learning. Taking admission in Electrical Engineering Programme was surely the best decision of my life.

**Ashiesh Kumar**

**Placed in Jupiter Solar Power**

# . Scholarships

- For ME Electrical Engineering, the GATE fellowship of Rs 12400 will be applicable up to 10% of the total seats of the program subjected to maximum 10 months in a year.
- Teaching assistantship of Rs 5000 to Rs 8000 will be applicable to the GATE qualified students beyond the limit of 10 percent for the programs specified above with no capping on seats.
- 15 % Early Bird Scholarship will be given to the students who have completed Bachelor's degree from Chandigarh University. 10 % Early Bird Scholarship will be given to the students who have completed Bachelor's degree from other Universities.
- Research Assistantship Option for ME students with a stipend of Rs. 5000/- to Rs. 8000/- per month subjected to maximum 10 months in a year, is also available.
- Under "**EARN WHILE LEARN**" Policy, Master of Engineering Students will be given a stipend of Rs 5000/- per Month.



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