

TOP COMPUTER SCIENCE COMPANIES WHICH LOOK OUT FOR ELECTRONIC ENGINEERS:

- Amazon
- Deloitte
- CGI
- Mindtree
- Infosys
- Cognizant
- TCS
- HCL
- Google
- Wipro
- Tech Mahindra
- IBM
- Microsoft
- Mphasis
- HP Inc



Duration: Four years after 10+2, Three years after diploma.

Eligibility: 1. Regular Entry: Students who have passed 10+2 with Mathematics and Physics as compulsory subjects from any recognized board having equivalent status along with one of the subjects mentioned below:

- Computer science, • Biology, • Chemistry, • Biotechnology

OR

2. Lateral Entry to Second Year: The criterion to get admission in the second year/third semester of the B.Tech degree course is as follows: All those students who are domiciled in Punjab and have Engineering Diploma (any branch) from any institution of Punjab/other states with a minimum of 50% marks in aggregate (40% for SC/ST) are eligible for admission to various disciplines of B.E. /B. Tech.

In case the seats remain vacant even after allotment with the aforementioned criterion, the seats will be given to outside Punjab residents who have Engineering Diploma (any branch) from any Institution of Punjab/other state approved by AICTE with a minimum of 50% marks in aggregate (40% for SC/ST).



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CHANDIGARH GROUP OF COLLEGES

Building Careers. Transforming Lives.



ELECTRONICS AND COMMUNICATION ENGINEERING

What makes B. Tech ECE from CGC Landran the first choice?

Electronics and Communication Engineering is a propitious domain for candidates who wish to shape a successful career. If you have just completed your intermediate in Non-medical, you are only a step away from getting yourself enrolled in one of the Best Engineering Colleges in India, and starting your pursuit of B. Tech Electronics and Communication Engineering!

Chandigarh Group of Colleges Landran is one such academic institute in Punjab, that caters to the needs of students and tries to extend the best quality services. It is one place that offers a great learning experience. B.Tech ECE at CGC is affiliated with IKGPTU, Jalandhar, and approved by AICTE. ECE is a professional degree with practical learning being an intrinsic part. The more one gets his/her hands-on practice, the greater one gets their chances of getting recruited in the best companies out there.

Another high point associated with this field is that ECE graduates also stand a chance to get jobs in companies that primarily hire CSE students implying that the scope of this degree is across industries and work sectors.

Overview of the degree

B. Tech Electronics & Communication Engineering a four-year degree that focuses on research, design, development, and evaluation of various electronics equipment, devices, circuits, etc. B. Tech in Electronics and Communication Engineering offers a series of theoretical and practical sessions where students imbibe the postulates of the field and learn how to implement them in the real world.

Eligibility Criteria: Candidates who have completed their 10+2 with Physics, Chemistry, and Mathematics as compulsory subjects are eligible for B. Tech ECE.



Facilities for B. Tech ECE students at CGC Landran

There is a wide range of features and programs supporting ECE students at CGC and they have been mentioned below:

- Ultramodern Laboratories: The first and the foremost thing which the college focuses a lot on is, practical learning. This is the reason behind the college incorporating numerous practice labs for ECE graduates. Today, there are different technology laboratories including:
- Advanced Antenna and Radiating System Lab (MODROB sponsored by AICTE).
- Drone Lab
- Digital Communication System Lab (DCS)
- Digital System Design (DSD) lab
- Project Lab
- Microprocessor and Microcontroller Lab
- Analog Circuits Lab
- Microwave and Antenna (MWA) Lab
- Optical Fiber Communication (OFC) Lab
- PCB Lab
- Machine Vision Lab
- Linear Integrated Circuit Lab
- Embedded System Lab
- Mentoring & Professional Development Lab
- Service center



SCOPE OF ECE:

- Satellite Communication, • Wireless Communication, • Internet Telephony, • Nanotechnology
- Teleconferencing, • Embedded System, • Wireless System, • Wireless Sensor Network,
- Optical Computing, • Electrocardiograph, • Display Technology, • Advanced Optical Networks,
- Brain Computer Interfaces, • Thin Film Technology, • Electronic Cooling System,
- Artificial Intelligence & Machine Learning, • Robotics & Embedded Systems, • Industrial Automation
- Signal & Speech Processing, • Image Processing, • VLSI Design Technology

ECE IN GOVERNMENT SECTORS

- CSIR-LABS, • CSIO-70 Divisions, • DRDO/ DEAL, • TELECOM, • BEL, • BHEL, • C-DAC
- DOORDARSHAN, • ISRO, • TBRL, • POLLUTION CONTROL BOARD, • IT'S,
- TECHNICAL INSTITUTIONS, • LRDE, • Indian Railways, • Defence services,
- Semiconductor Limited

Top Electronics & Communication Companies in India

- Havells India Ltd
- Bajaj Electronics
- Jabil Circuits
- Bharat Electronics limited
- Honeywell
- 3M India
- Amara Raja Batteries
- Centum Electronics

- Philips Electronics India
- Exide Batteries Limited
- Bosch in India
- ABB India
- Compton Greaves
- BSNL
- MTNL