



ACHARYA POLYTECHNIC

Affiliated to DTE



- Immerse yourself in a vibrant campus that fosters community and collaboration.
- Dynamic education model that adapts to industry needs for modern workforce readiness.
- Hands-on training through immersive, real-world experiences that apply theory to practice.
- Outbound learning opportunities that enhance adaptability and exposure to diverse environments.
- Holistic curriculum focused on technical skills as well as personal and professional development.
- Purpose-built infrastructure with well-equipped labs, sports facilities, and a digitized central library.

DIPLOMA IN ELECTRONICS AND COMMUNICATION ENGINEERING

About

Diploma in Electronics and Communication Engineering focuses majorly on low voltage Engineering with concepts of electronic networks and devices, electric and magnetic fields, computer fundamentals and communication and control systems. Diploma in ECE in Bangalore provides the added bonus of internship and placement opportunities in MNCs. Students can also work on several projects on campus and are encouraged to pick up research in the respective field.

Career Scope

The career scope for individuals with a Diploma in Computer Science is diverse, offering opportunities across various industries, including technology companies, government organizations, healthcare, and finance. Graduates can pursue roles such as Electronics Technician, Telecommunications Technician, and Network Administrator, among others. Additionally, positions like Field Service Engineer, Electronics Design Engineer, Broadcast Technician, Control Systems Technician, and Research and Development Technician allow individuals to apply their technical skills in dynamic and impactful ways.

Eligibility

Pass in SSLC / 10th / HSC or equivalent (with science & mathematics subjects) from any recognized Board or Council with an aggregate of 35%.

Duration
3 years

COURSE CONTENT

Semester 1

Theory Courses

- Digital Electronics

Practical Courses

- Statistics and Analytics
- Computer Aided Engineering Graphics
- Fundamental of Electrical & Electronics Engineering

Audit Courses

- Environment Sustainability
- Sports/NCC/NSS/Yoga

Semester 2

Theory Courses

- Project Management Skills
- Engineering Mathematics

Practical Courses

- Communication Skills
- IT Skills
- Electronic Components and Devices

Audit Courses

- Kannada – I

Semester 3

Integrated Courses

- Analog Electronics
- Logic Design using Verilog
- Communication Systems
- Electronic Measurements and Testing Techniques

Audit Courses

- Kannada – II

Semester 4

Integrated Courses

- PCB Design & Fabrication
- Wireless Communication
- Embedded C Programming
- Industrial Automation

Audit Courses

- Indian Constitution

Semester 5

Programme Specialization Pathway

- Drone Technologies
- Industrial Internet of Things (IIoT)
- Automation & Robotics
- E – Mobility

Science and Research Pathway

Entrepreneurship Pathway

Semester 6

- Internship / Project



Acharya Legacy

Founded in 1990, Acharya aims to revolutionize education. With over 12,000 students and 100+ academic programs annually, it stands among the global education elite. Located in India's technical hub, Bangalore, Acharya prioritizes innovation and knowledge. The institution fosters experiential and collaborative learning, shaping well-rounded individuals, evident in its diverse student population from 75+ countries.

11 Institutions

15 Research Centers

100+ Programmes

75+ Nationalities

12000+ Students

1000+ Eminent Faculties

120 Acres State-of-the-Art Campus

B Premnath Reddy
Founder Chairman
Acharya Group

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Academic Studio



Collaboration



Center of Excellence



Clubs



Digital Library



Laboratories



Research



Sports



Hostels



Habba



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