ACHARYA POLYTECHNIC

Affiliated to DTE

Acharya Polytechnic provides a vibrant, hands-on learning environment where students gain practical skills and industry-ready knowledge. With a modern curriculum, state-of-the-art infrastructure, and expert mentorship, the college offers a direct path to successful careers across engineering, technology, and applied fields. Students benefit from immersive experiences, outbound learning, and access to digital resources that enhance both technical expertise and personal development.



- Diploma programs in over eight specializations designed for industry relevance.
- Hands-on training through labs, workshops, real-world projects, and outbound learning.
- Purpose-built infrastructure including well-equipped classrooms, labs, sports facilities, and a digitized library.
- Access to e-resources, online courses, and industry mentorship for career readiness.
- Holistic curriculum focused on technical skills as well as personal and professional growth.

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.

- **Practical diploma curriculum in electronics & communication** covering electronic networks, devices, control systems and communication fundamentals.
- **Hands-on training in C programming, PCB design, microcontrollers (8051), VHDL, MATLAB,** and simulation tools to build technical expertise.
- **Project-based learning and industry exposure,** enabling students to work on real technical assignments and develop practical skills.
- **Internship opportunities and placement support** to bridge classroom learning with workplace expectations.
- **Strong resource support,** including access to add-on programs and labs that enhance employability in electronics and communications.

Career Scope

- **Electronics technician & support roles –** such as **Electronics Technician, Field Service Engineer, or Control Systems Technician** in electronics and tech firms.
- **Telecommunications & networking careers –** opportunities as **Telecommunications Technician, Network Administrator** and related roles supporting connectivity systems.
- **Design & technical specialist paths –** including **Electronics Design Engineer, Broadcast Technician** and roles in R&D and testing environments.

Eligibility

Passed SSLC / 10th, with English, Science and Mathematics with an aggregate 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

FEE STRUCTURE

Refer offer letter for the actuals.

Inclusions : Tuition Fee, University Registration, Eligibility Fee, Miscellaneous Fee, Laboratory Fee, Library Fee and Sports Fee.

Exclusions : Uniform & Stationery.
Examination fee as prescribed by the University / Board.

Students are offered complimentary OBT and softskills.



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 Faculty

120 Acres State-of-the-Art Campus



B Premnath Reddy
Founder Chairman
Acharya Group

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Research



Sports



Hostels



Habba



PROGRAMS OFFERED

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