



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 COMPUTER SCIENCE AND ENGINEERING

About

A diploma in Computer Science Engineering provides a wealth of opportunities for individuals interested in technology. The program covers essential topics, including programming languages like Java, C++, and Python, as well as data structures and algorithms for efficient problem-solving. Students receive training in database design, web development technologies, software development methodologies, and operating system concepts, along with an understanding of computer networking principles, preparing them for a successful career in the tech industry.

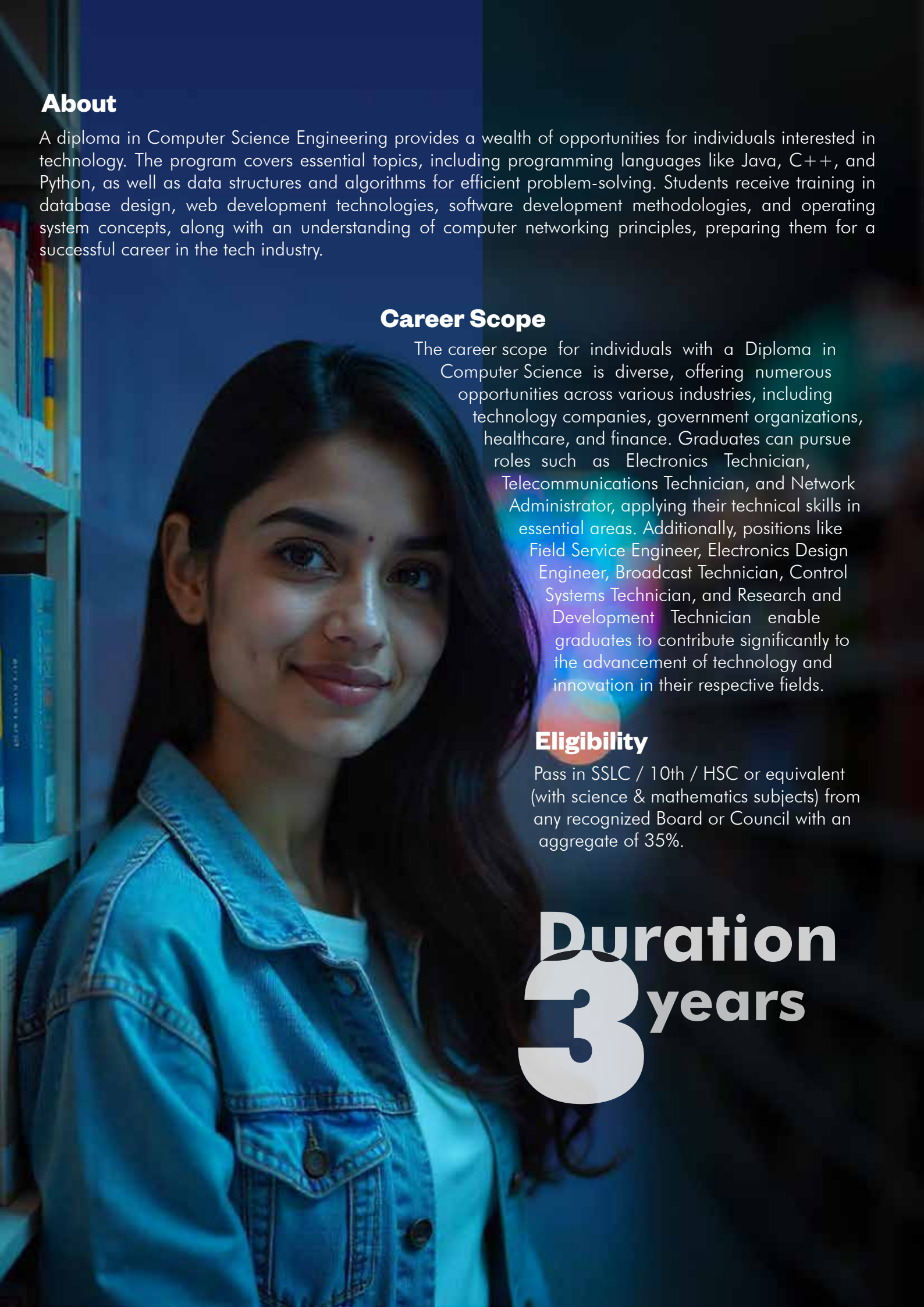
Career Scope

The career scope for individuals with a Diploma in Computer Science is diverse, offering numerous 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, applying their technical skills in essential areas. Additionally, positions like Field Service Engineer, Electronics Design Engineer, Broadcast Technician, Control Systems Technician, and Research and Development Technician enable graduates to contribute significantly to the advancement of technology and innovation in their respective fields.

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

- Engineering Mathematics
- Fundamental of Computer

Practical Courses

- Fundamental of Electrical & Electronics Engineering
- IT skills

Audit Courses

- Environment Sustainability
- Sports/NCC/NSS/Yoga

Semester 2

Theory Courses

- Project Management Skills

Practical Courses

- Statistics and Analytics
- Communication Skills
- Computer Aided Engineering Graphics
- Multimedia and Animation

Audit Courses

- Kannada – I

Semester 3

Integrated Courses

- Python Programming
- Computer Hardware, Maintenance and Administration
- Computer Networks
- Database System Concepts and PL/SQL

Audit Courses

- Kannada – II

Semester 4

Integrated Courses

- Data structures with Python
- Operating System and Administration
- Object Oriented Programming and Design with Java
- Software Engineering principles and practices

Audit Courses

- Indian Constitution

Semester 5

Programme Specialization Pathway

- Artificial Intelligence and Machine Learning
- Full Stack Development
- Cloud Computing
- Cyber Security

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

Acharya Offerings - click on each to know more... >>

Academic Studio



Collaboration



Center of Excellence



Clubs



Digital Library



Laboratories



Research



Sports



Hostels



Habba



PROGRAMS OFFERED

Follow on Social Media

