



Vision Buldhana Educational & Welfare Society's

**PANKAJ LADDHAD INSTITUTE OF TECHNOLOGY &
MANAGEMENT STUDIES, YELGAON,
BULDHANA**

(Recognized by AICTE, New Delhi & affiliated to Sant Gadge Baba Amravati University)

Accredited by NAAC

Department of Computer Science and Engineering

Scope and Opportunities

There are ample job opportunities in computer science engineering as it is one of the fastest growing industries today. Pursuing a career in computer science and engineering is a smart decision as the IT sector is booming and skilled professionals are required across diverse industries. We offer industry-synced programs to help train students in the field.

Let's take a look at some of the leading branches of computer science engineering and their career scope:

1. Cloud Technology & Information Security

Cloud technology refers to a series of servers accessible through the internet that store information. These servers are run by specific software and databases that need to be maintained regularly. Information security, as the title suggests, means creating a network of fail-safe methods to secure sensitive information from unauthorised access. Today nearly all types of businesses across industries utilise cloud technology and information security to store data and safeguard sensitive information.

Professionals holding this qualification can be hired as Cloud Engineer, Information Security Engineer, Information Security Analyst, Cloud Computing Engineer, Cloud Infra Manager, Chief Information Security Officer, etc.

2. Cyber Security & Forensics

Cyber security is one of the most pressing concerns of organisations across industries. Due to the advent of online transactions, the need to protect vital personal information has become vital. Professionals in this field are responsible for preventing cyber crime, and in the event of a cyber crime, collecting and analysing computer-based evidence to catch the culprit.

3. Artificial Intelligence & Machine Learning

Artificial intelligence and machine learning are complementary fields that have a massive scope. More and more businesses are implementing AI and ML into their processes. AI-based tech is known to imitate human behaviour and ML is the technology that trains machines to learn automatically by examining available data. Both these fields are growing exponentially, with tremendous scope in the future. Professionals trained in this field can be hired as AI Engineer, ML Engineer, AI Specialist, Data Scientist, Data Analyst, Software Engineer, and Technical Architect, to name a few career options.

4. Robotics Process Automation

Robotics process automation (RPA) is a pioneering technology that creates robots that imitate human behaviour by interaction with software and relevant systems. Professionals in this field have to familiarise themselves with the tools and software relevant to robotics process automation. After completing this program, professionals can be recruited as RPA Operator, RPA Engineer, Process Automation Developer, Associate Program Manager, RPA Project Manager, RPA Developer, RPA Business Analyst, etc.

5. Computer Science & Engineering

Computer science engineering is an umbrella branch that trains students to become employable professionals in the field of computer engineering. BE in Computer Science Engineering is one of the leading programs you can pursue for a bright career in the field. Professionals in this field are tasked with designing computer devices, computer programs, mobile applications, and such newer and better technologies. These professionals are in great demand and leading businesses pay them handsomely to work with them.

Professionals holding a computer science and engineering degree can work as Computer Engineers, Lecturers, IT Team Leads, Data Scientists, Systems Managers, Software Engineers, ML Researcher, AI Engineer, Software Developer, Systems Analyst, and Systems Engineers across different industries.