

B.Tech. Computer Engineering

Programme Educational Objectives (PEOs)

1. To create graduates with sufficient capabilities in computer engineering who can become researchers, entrepreneurs and software professionals to satisfy the needs of the core industry, research, academia and society at large.
2. To provide opportunity to learn the latest trends in computer engineering and prepare for lifelong learning process.
3. To make the students aware of professional ethics of the software industry, and prepare them with basic soft skills essential for working in community and professional teams.

Programme Outcomes(POs)

1. Graduates will demonstrate knowledge in fundamentals of theory of computation, programming, algorithms, hardware technology, systems software and networking.
2. Graduates will have knowledge of the best practices in software engineering, project management and professional work environments.
3. Graduates will be aware of professional ethics, environmental and sustainability issues.
4. Graduates will be able to demonstrate the ability to design creative solutions to real life and most relevant problems faced by the industry and society at large.
5. Graduates will be able to communicate technical topics in written and verbal forms.
6. Graduates will demonstrate their ability to use the state of the art technologies and tools including Free and Open Source Software tools in developing software.
7. Graduates will demonstrate good performance in the competitive examinations for higher education.
8. Graduates will have ability for lifelong self-learning.

B.Tech. Information Technology

Program Educational Objectives (PEOs)

1. To develop graduates with sufficient capabilities in information technology who can become researchers, entrepreneurs and software professionals to satisfy the needs of the IT industry, research, academia and society at large.
2. To inculcate among graduates the ability to learn the latest trends in information technology and prepare them for lifelong learning process.
3. To make graduates aware of professional ethics of the software industry, and prepare them with basic soft skills essential for working in community and professional teams.

Programme Outcomes (POs)

1. Graduates will demonstrate knowledge in the fundamentals of programming, algorithms, networking, databases, testing and web technologies.
2. Graduates will have knowledge of the best practices in software engineering, project management and professional work environments.
3. Graduates will be aware of professional ethics, environmental and sustainability issues.
4. Graduates will be able to demonstrate the ability to design creative solutions to real life and most relevant problems faced by the industry and society at large.
5. Graduates will be able to communicate technical topics in written and verbal forms.
6. Graduates will demonstrate their ability to use the state of the art technologies and tools including Free and Open Source Software tools in developing software.
7. Graduates will demonstrate good performance in the competitive examinations for higher education.
8. Graduates will have ability for lifelong self-learning.