

Department: Computer Engineering

Intake:Regular First Shift: 60

Duration: 4 Years

SUBJECTS INCLUDED IN EACH YEAR:

Second Year:

Sem-I

1. Discrete Structures
2. Data Structures and Problem Solving
3. Digital Electronics and Logic Design
4. Operating System and Administration
5. Microprocessor Architecture
6. Soft Skills

Sem-II

1. Engineering Maths-III
2. Object Oriented and multicore Programming
3. Microprocessors and Interfacing Techniques
4. Computer Graphics and Gaming
5. Computer Organization
6. Programming Laboratory

Third Year:

Sem-I

1. Theory of Computation
2. Operating Systems Design
3. Data Communication and Wireless Sensor Networks
4. Database Management Systems Applications
5. Computer Forensic and Cyber Applications
6. Programming Lab-I
7. Programming Lab-II
8. Employability Skills in Development Lab

Sem-II

1. Principles of Concurrent and Distributed Programming
2. Embedded Operating Systems
3. Computer Networks
4. Software Engineering
5. Digital Signal Processing Applications
6. Programming Laboratory-III
7. Programming Laboratory-IV
8. Seminar and Technical Communication Laboratory

BE:

Sem-I

1. Design & Analysis of Algorithms
2. Principles of Modern Compiler Design
3. Smart System Design and Applications
4. Elective-I
5. Elective-II
6. Project

Sem-II

1. Software Design Methodologies & Testing
2. High Performance Computing
3. Elective-III
4. Elective-IV(Open Elective)
5. Computer laboratory-III
6. project