

# B.Tech Branch-wise Syllabus Overview

## 1. Common First Year

Engineering Mathematics, Physics, Chemistry, Programming, Engineering Graphics, and basic laboratories are common.

## 2. Computer Science Engineering (CSE)

Core subjects include Data Structures, DBMS, Operating Systems, Computer Networks, AI, and Machine Learning.

## 3. Electronics & Communication Engineering (ECE)

Core subjects include Signals & Systems, Digital Electronics, Microprocessors, VLSI, and Communication Systems.

## 4. Electrical & Mechanical Branches

EEE focuses on Electrical Machines, Power Systems, and Control Systems.

Mechanical Engineering focuses on Thermodynamics, Fluid Mechanics, Manufacturing, and Machine Design.