

## B.Tech in Computer Science & Engineering (CSE)

### **Curriculum Structure:**

- Semester 1: Programming in C, Calculus, Digital Logic
- Semester 2: Data Structures, Linear Algebra, Computer Organization
- Semester 3: Algorithms, DBMS, Discrete Mathematics
- Semester 4: Operating Systems, Computer Networks, Software Engineering
- Semester 5: Machine Learning, Web Technologies
- Semester 6: AI, Cloud Computing, Mini Project
- Semester 7: Electives, Internship
- Semester 8: Major Project

### **Professors:**

- Dr. Ritu Malhotra
- Prof. Arjun Mehta
- Dr. Kavita Iyer

## B.Tech in Electronics & Communication Engineering (ECE)

### **Curriculum Structure:**

- Semester 1: Basic Electronics, Calculus
- Semester 2: Digital Electronics, Signals and Systems
- Semester 3: Analog Circuits, EM Theory
- Semester 4: Communication Systems, Microprocessors
- Semester 5: Digital Signal Processing, VLSI
- Semester 6: Embedded Systems, IoT
- Semester 7: Electives, Minor Project
- Semester 8: Major Project

### **Professors:**

- Dr. Priya Nanda
- Dr. Ravi Bhattacharya

- Prof. Neeraj Saxena

## B.Tech in Mechanical Engineering (ME)

### **Curriculum Structure:**

- Semester 1: Engineering Mechanics, Physics
- Semester 2: Thermodynamics, Material Science
- Semester 3: Fluid Mechanics, Machine Drawing
- Semester 4: Manufacturing Processes, Kinematics
- Semester 5: Heat Transfer, CAD/CAM
- Semester 6: Machine Design, Dynamics
- Semester 7: Internship, Electives
- Semester 8: Final Project

### **Professors:**

- Prof. Ajay Rana
- Dr. M. Bose
- Dr. Sneha Kapoor

## B.Tech in Civil Engineering (CE)

### **Curriculum Structure:**

- Semester 1: Surveying, Engineering Mechanics
- Semester 2: Fluid Mechanics, Concrete Technology
- Semester 3: Structural Analysis, Hydraulics
- Semester 4: Geotechnical Engineering, Transportation
- Semester 5: Construction Management, RCC Design
- Semester 6: Steel Structures, Estimation
- Semester 7: Electives, Internship
- Semester 8: Capstone Project

### **Professors:**

- Dr. Parag Shah
- Prof. Nisha Verma

- Dr. Arvind Rao

## B.Sc. in Physics, Chemistry, and Mathematics

### **Curriculum Structure:**

- Semester 1: Mechanics, Inorganic Chemistry, Algebra
- Semester 2: Waves & Optics, Organic Chemistry, Calculus
- Semester 3: Thermodynamics, Physical Chemistry, Linear Algebra
- Semester 4: Modern Physics, Spectroscopy, Numerical Methods
- Semester 5: Quantum Mechanics, Statistical Mechanics
- Semester 6: Research Project, Electives

### **Professors:**

- Dr. Meenal Sinha
- Dr. Sushil Dey
- Prof. Aarti Joshi

## BBA (Bachelor of Business Administration)

### **Curriculum Structure:**

- Semester 1: Principles of Management, Business Communication
- Semester 2: Microeconomics, Business Law
- Semester 3: Marketing Management, Financial Accounting
- Semester 4: Human Resource Management, Business Statistics
- Semester 5: Operations Management, Entrepreneurship
- Semester 6: Strategic Management, Project Work

### **Professors:**

- Prof. Shalini Raj
- Dr. S. Natarajan
- Prof. Aman Khan

## M.Tech in Computer Science & Engineering (CSE)

**Curriculum Structure:**

- Semester 1: Advanced Algorithms, High Performance Computing
- Semester 2: AI & Deep Learning, Advanced Database Systems
- Semester 3: Electives, Research Methodology
- Semester 4: Thesis & Viva

**Professors:**

- Dr. Gaurav Dubey
- Dr. Lakshmi Nair
- Prof. Vinod Kulkarni

**M.Tech in Electronics & Communication Engineering (ECE)****Curriculum Structure:**

- Semester 1: Advanced Communication Systems, RF Design
- Semester 2: VLSI Design, Wireless Networks
- Semester 3: Research Project, Seminar
- Semester 4: Thesis

**Professors:**

- Dr. Yamini Das
- Dr. Vishal Pandey
- Prof. Shruti Bajaj

**M.Tech in Mechanical Engineering (ME)****Curriculum Structure:**

- Semester 1: Advanced Fluid Mechanics, Finite Element Methods
- Semester 2: Robotics, Advanced CAD
- Semester 3: Seminar, Project Work
- Semester 4: Dissertation

**Professors:**

- Dr. A. Mohan

- Prof. Rina Sharma
- Dr. Rakesh Jain

## M.Tech in Civil Engineering (CE)

### **Curriculum Structure:**

- Semester 1: Earthquake Engineering, Structural Dynamics
- Semester 2: Pavement Design, Environmental Impact
- Semester 3: Electives, Seminar
- Semester 4: Final Project

### **Professors:**

- Prof. Devendra Joshi
- Dr. Snehal Pathak
- Dr. Kaviraj Singh

## M.Sc. in Physics, Chemistry, and Mathematics

### **Curriculum Structure:**

- Semester 1: Quantum Mechanics, Organic Reaction Mechanism
- Semester 2: Electrodynamics, Coordination Chemistry
- Semester 3: Mathematical Methods, Thermodynamics
- Semester 4: Research & Dissertation

### **Professors:**

- Dr. Hema Rao
- Prof. R. Subramanian
- Dr. Arti Pujari

## MBA (Master of Business Administration)

### **Curriculum Structure:**

- Semester 1: Financial Reporting, Business Analytics
- Semester 2: Organizational Behavior, Strategic Marketing

- Semester 3: Electives (Finance/HR/Marketing), Internship
- Semester 4: Business Simulation, Capstone Project

**Professors:**

- Prof. Karan Sood
- Dr. Neeta Mishra
- Prof. Tanya Kapoor