

## **B-Tech IN ELECTRONIC & TELECOMMUNICATION**

### **Semester I**

- 1 English-I
- 2 Indian Constitution and Ethics
- 3 Mathematics-I
- 4 Chemistry
- 5 Electrical Technology
- 6 Mechanics
- 7 Introduction to Manufacturing Process
- 8 Chemistry(Practical)
- 9 Electro Technology(Practical)

### **Semester II**

- 1 English-II
- 2 Environmental Studies
- 3 Mathematical-II
- 4 Applied Physics
- 5 Fundamental of Computers
- 6 Basic Electronics
- 7 Engineering Drawing and Graphics
- 8 Applied Physics(Practical)
- 9 Basic electronics(Practical)

### **Semester III**

- 1 Mathematics-III
- 2 Principles of Programming
- 3 Signals & Networks
- 4 Digital Electronics
- 5 Electrical Machines
- 6 Electrical Machines (Practical)
- 7 Signals & Networks (Practical)

## **Semester IV**

1	Society, Environment & Engineering
2	Electronic Devices & Circuit
3	Analog Electronic Circuits
4	Electromagnetic Engineering
5	Electrical Measurement-I
6	Analog Electronic Circuits(Practical)
7	Electrical Measurement-I (Practical)

## **Semester V**

1	Computer Organization
2	Control System
3	Co0mmunication Engineering
4	Semiconductor Devices
5	Digital Image Processing
6	Control system(Practical)
7	Semiconductor Devices(Practical)

## **Semester VI**

1	Power Electronics & Devices
2	Digital Signal Processing
3	Microprocessor Telecommunication Switching and Signal
4	Industrial Economics and Management
5	Power Electronics & Devices (Practical)
6	Microprocessor (Practical)

## **Semester VII**

1	Mobile Communication System
2	RF & Microwave Engineering
3	Micro Electronics
4	Computer Communication Network
5	Elective
6	Digital Voice Picture Communication
7	Radar System

- 8 Optical Electronics and Fiber Communication
- 9 Opto Electronics & Photonics – I
- 10 Computer Communication Network (Practical)
- 11 RF & Microwave Engineering (Practical)

### **Semester VIII**

- 1 VLSI – Technology & Processing Modeling
- 2 Satellite Communication
- 3 Semiconductor Devices and Modeling
- 4 Project
- 5 VLSI – Technology & Processing Modeling

### **Semester VIII**

- 1 VLSI-Technology &Processing Modeling
- 2 Satellite Communication
- 3 Semiconductor Devices and Modeling
- 4 Project
- 5 VLSI-Technology & Processing Modeling