

## **M.TECH (Digital Communication)**

### **Semester I**

- 1 Signal Theory
- 2 Digital Communication System
- 3 Satellite Communication

### **Elective I**

- 1 High Frequency Electronics
- 2 Optimization Techniques
- 3 Biomedical Electronics
- 4 Communication System Lab

### **Semester II**

- 1 Digital Signal Processing
- 2 Information Theory & Coding
- 3 Advanced Optical Communication

### **Elective II**

- 1 Detection & Estimation Theory
- 2 Adaptive Signal Processing
- 3 Antenna Theory & Techniques
- 4 Modeling & Simulation Lab

### **Semester III**

- 1 Mobile Communication

### **Elective III**

- 1 Telecommunication Switching & Networks
- 2 Digital Image Processing
- 3 Micro-Electro-Mechanical-Systems
- 4 Dissertation (Stage-I)
- 5 Seminar

#### **Semester IV**

- 1 Dissertation (Stage-II)