

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)