

M-Tech Control & Instrumentation

Semester I

- 1 Modern Control System
- 2 Modeling of Dynamical System
- 3 Measurement Systems & Error Analysis

Elective I

- 1 Real-Time Instrumentation Techniques
- 2 Biomedical Electronics
- 3 Signal Theory
- 4 Control and Computation Laboratory

Semester II

- 1 Digital Signal Processing
- 2 Multi-Variable Control System
- 3 Optimal Control System

Elective II

- 1 Artificial Neural Networks
- 2 Large Scale System
- 3 Adaptive Control System
- 4 Modeling & Simulation Lab

Semester III

- 1 Digital Control System

Elective III

- 1 Power System Dynamics and Control

- 2 Robotics and Automation
- 3 Microprocessor based Control System
- 4 Project (Stage-I)
- 5 Seminar

Semester IV

- 1 Project (Stage-II)