



## ELECTRICAL ENGINEERING DEPARTMENT

### M.Tech (CONTROL SYSTEMS)

#### Program Educational Objectives :

The post graduate student shall be able to,

- 1) Apply the knowledge assimilated, to develop relevant optimized solutions for complex multidisciplinary problems.
- 2) Demonstrate the ability to update their skill sets to adapt to the evolving technology in Control Engineering and advance professionally.
- 3) Develop leadership and team building skills ensuring ethical and professional approach in their discharge of duties.

#### Program Outcomes :

The post graduate student after completion of course shall have,

- 1) An ability to apply knowledge of mathematics, allied sciences, and engineering to problems related to System Engineering and Control.
- 2) An ability to conduct independent research both of an academic and applied nature in the area of mathematical and applied control theory.
- 3) An ability to use the techniques, skills, and modern control engineering tools necessary for engineering practice.
- 4) An ability to be conversant with practical control system design, operation, control, and testing issues.
- 5) An ability to communicate effectively to convey the ideas acquired through research.
- 6) Enhanced knowledge and skill set required in Control Engineering program for problem solving so as to arrive at optimal solutions.
- 7) An understanding of professional and ethical responsibility.