- **SEMESTER 3**
- VECTOR CALCULUS & TRANSFORM TECHNIQUES
- NETWORK ANALYSIS
- DC AND SYNCHRONOUS MACHINES
- ANALOG ELECTRONIC CIRCUITS
- LOGIC DESIGN
- INSTRUMENTATION AND MEASUREMENTS
- ANALOG ELECTRONIC CIRCUITS LABORATORY
- LOGIC DESIGN LABORATORY
- KANNADA (AADALITA/VYAVAHARIKA)

- **SEMESTER 4**
- PROBABILITY THEORY AND NUMERICAL METHODS
- TRANSFORMERS & INDUCTION MACHINES
- MICROCONTROLLERS
- ELECTROMAGNETIC FIELDS
- ELECTRICAL POWER GENERATION AND ECONOMICS
- TRANSMISSION AND DISTRIBUTION
- DC AND SYNCHRONOUS MACHINE LABORATORY
- MICROCONTROLLERS LABORATORY
- ENHANCING SELF COMPETENCE
- KANNADA (AADALITA/VYAVAHARIKA)

- **SEMESTER 5**
- LINEAR INTEGRATED CIRCUITS
- SIGNAL ANALYSIS & PROCESSING
- LINEAR CONTROL SYSTEMS
- POWER ELECTRONICS
- MANAGEMENT & ENTERPRENEURSHIP
- TRANSFORMERS & INDUCTION MACHINES LAB.
- CIRCUIT & MEASUREMENTS LAB.
- PROGRAM ELECTIVE - I
- EMPLOYABILITY SKILL DEVELOPMENT - I

- **SEMESTER 6**
- POWER SYSTEMS ANALYSIS & STABILITY
- SWITCHGEAR AND PROTECTION
- HIGH VOLTAGE ENGINEERING
- VLSI CIRCUITS AND DESIGN
- POWER ELECTRONICS LABORATORY
- LINEAR IC AND CONTROL SYSTEMS LABORATORY
- MINI PROJECT
- PROGRAM ELECTIVE - II
- PROGRAM ELECTIVE - III
- EMPLOYABILITY SKILL DEVELOPMENT- II

- **SEMESTER 7**
- COMPUTER TECHNIQUES IN POWER SYSTEM ANALYSIS
- SEMINAR ON SPECIAL TOPIC
- INDUSTRIAL DRIVES & APPLICATION

- RELAY & H V LAB.
- POWER SYSTEM SIMULATION LAB.
- MAJOR PROJECT - PHASE I
- PROGRAM ELECTIVE - IV
- PROGRAM ELECTIVE - V
- OPEN ELECTIVE - I

- **SEMESTER 8**
- PROJECT PHASE II
- INDUSTRIAL MGT., ELECTRICAL ESTIMATION & ECONOMICS
- PROGRAM ELECTIVE - VI
- OPEN ELECTIVE - II