

Semester-I

Course Code	Course Name
2413FEB1T1	Engineering Mathematics-I
2413FEB1T2	Engineering Chemistry
2413FEE1T1	Engineering Graphics
2413FEE1T2	Basic Electrical Engineering
2413FEB1L1	Engineering Chemistry Lab
2413FEE1L1	Engineering Graphics Lab
2413FE1L2	Basic Electrical Engineering Lab
2413FES1L1	Basic Workshop Practices – I
2413FEI1L1	Indian Cultural Studies
2413FEV1L1	Health and Wellness

Semester-II

Course Code	Course Name
2413FEB2T1	Engineering Mathematics-II
2413FEB2T2	Engineering Physics
2413FEE2T1	Engineering Mechanics
2413FEC2T1	C Programming
2413FEA2T1	English for Engineers
2413FEB2L1	Engineering Physics Lab
2413FEE2L1	Engineering Mechanics Lab
2413FEC2L1	C Programming Lab
2413FES2L1	Basic Workshop Practices - II
2413FEK2L1	Sports and Yoga

Semester-III

Course Code	Course Name
2413EIC3T1	Sensors and Transducers
2413EIC3T2	Electronics Circuit Design
2413EIC3T3	Applied Mathematics -III
2413EIU3T1	Fundamentals of Data Structure
2413EIG3T1 (Management)	Human Resource Management
2413EIG3T2 (Technology)	Emerging Trends in Technology
2413EIG3T3 (Behaviour Science)	Innovation and Creativity
2413EIG3T4 (Economics)	Accounting for Everyone
2413EIA3L1	Business English and Communication
2413EIV3L1	Environmental Science
2413EIS3L1	Skill Based Lab - I OOPM with Java
2413EIC3L1	Sensors and Transducers Lab
2413EIC3L2	Electronics Circuit Design Lab

Semester-IV

Course Code	Course Name
2413EIC4T1	Electrical Machines
2413EIC4T2	Digital Electronics
2413EIC4T3	Applied Mathematics -IV
2413EIU4T1	Database Systems
2413EIG4T1 (Management)	Project Management
2413EIG4T2 (Technology)	E-Commerce and Digital Marketing
2413EIG4T3 (Behaviour Science)	Design Thinking
2413EIG4T4 (Economics)	Microeconomics
2413EIH4T1	Financial Management
2413EIS4L1	Skill Based Lab - II Python Programming
2413EIP4L1	Mini Project-I
2413EIC4L1	Electrical Machines Lab
2413EIC4L2	Digital Electronics Lab
2413EIQ4T1	Constitution of India

Semester-V

Course Code	Course Name
2413EIC5T1	Feedback Control System
2413EIC5T2	Power Electronics
2413EIC5T3	Process Instrumentation System
2413EID5T1	Electrical Network and Measurement
2413EID5T2	Analytical Instrumentation
2413EID5T3	Control System Components
2413EID5T4	Embedded System Design
2413EIU5T1	Data Analytics
2413EIG5T1 (Management)	Products, Services & IT Service Management
2413EIG5T2 (Technology)	Cyber and Data Laws
2413EIG5T3 (Behaviour Science)	Comprehensive Skill Development for Employability
2413EIG5T4 (Economics)	Business Administration
2413EIH5T1	Entrepreneurship Development and Management
2413EIC5L1	Feedback Control System Lab
2413EIC5L2	Power Electronics Lab
2413EIC5L3	Process Instrumentation System Lab
2413EID5L1	Electrical Network and Measurement Lab
2413EID5L2	Analytical Instrumentation Lab
2413EID5L3	Control System Components Lab
2413EID5L4	Embedded System Design Lab

Semester-VI

Course Code	Course Name
2413EIC6T1	Industrial Automation & Control
2413EIC6T2	Electrical Power System
2413EID6T1	Electrical Power Quality
2413EID6T2	Biomedical Instrumentation
2413EID6T3	Mechatronics & Robotics
2413EID6T4	Digital Signal Processing
2413EID6T5	Power Plant Engineering
2413EID6T6	Agriculture Instrumentation
2413EID6T7	Machine Learning
2413EID6T8	Industrial Data Communication
2413EIU6T1	Essentials of AI
2413EIS6L1	Skill Based Lab-III Internet of Things (IoT) Lab
2413EIP6L1	Mini Project- II
2413EIC6L1	Industrial Automation & Control Lab
2413EIC6L2	Electrical Power System Lab
2413EID6L1	Electrical Power Quality Lab
2413EID6L2	Biomedical Instrumentation Lab
2413EID6L3	Mechatronics & Robotics Lab
2413EID6L4	Digital Signal Processing Lab
2413EID6L5	Power Plant Engineering Lab
2413EID6L6	Agriculture Instrumentation Lab
2413EID6L7	Machine Learning Lab
2413EID6L8	Industrial Data Communication Lab

Semester-VII

Course Code	Course Name
2413EIC7T1	Distributed Generation and Smart Grid
2413EIC7T2	Industrial Process Control
2413EID7T1	Switchgear and Protection
2413EID7T2	Instrumentation Project Documentation and Execution
2413EID7T3	Applied Predictive Analytics
2413EID7T4	Industrial IoT
2413EID7T5	High Voltage Engineering
2413EID7T6	Building Automation
2413EID7T7	Artificial Intelligence and Optimization Technique in Power System
2413EID7T8	Introduction to Cyber Physical System
2413EIR7T1	Research Methodology
2413EIR7T2	Intellectual Property Rights
2413EIC7L1	Distributed Generation and Smart Grid Lab
2413EIC7L2	Industrial Process Control Lab
2413EID7L1	Switchgear and Protection Lab
2413EID7L2	Instrumentation Project Documentation and Execution Lab
2413EID7L3	Applied Predictive Analytics Lab
2413EID7L4	Industrial IoT Lab
2413EID7L5	High Voltage Engineering Lab
2413EID7L6	Building Automation Lab
2413EID7L7	Artificial Intelligence and Optimization Technique in Power System Lab
2413EID7L8	Introduction to Cyber Physical System Lab
2413EIP7L1	Project

Semester-VIII

Course Code	Course Name
2413EIU8T1	NPTEL Course - I
2413EIU8T2	NPTEL Course - II
2413EIN8L1	Internship