

Semester-I

Course Code	Course Name
231FEUES11	Engineering Mathematics-I
231FEUES12	Engineering Chemistry
231FEUES13	Engineering Graphics
231FEUES14	Basic Electrical Engineering
231FEUEL11	Engineering Chemistry Lab
231FEUEL12	Engineering Graphics Lab
231FEUEL13	Basic Electrical Engineering Lab
231FEUVS11	Basic Workshop Practices – I
231FEUIK11	Indian Cultural Studies
231FEUCO11	Health and Wellness

Semester-II

Course Code	Course Name
231FEUES21	Engineering Mathematics-II
231FEUES22	Engineering Physics
231FEUES23	Engineering Mechanics
231FEUCC21	C Programming
231FEUAE21	English for Engineers
231FEUEL21	Engineering Physics Lab
231FEUEL22	Engineering Mechanics Lab
231FEUCL21	C Programming Lab
231FEUVS21	Basic Workshop Practices - II
231FEUCO21	Sports and Yoga

Semester-III

Course Code	Course Name
231EIUCC31	Sensor and Transducers
231EIUCC32	Electronics Circuit Design
231EIUMM31	Applied Mathematics -III
231ENUOE31	Human Resource Management (Management)
231ENUOE32	Macroeconomics (Marketing)
231ENUOE33	Disaster Management & Mitigation Measures (Social)
231ENUOE34	Ethics for IT Users (Tech)
231ENUOE35	Innovation and Creativity (Behaviour)
231ENUAE31	Professional Communication & Ethics
231ENUHS31	Entrepreneurship Development and Management
231ENUVE31	Environmental Science
231EIUVS31	Skill Based Lab I- OOPM with Java and Python
231EIUCL31	Sensor and Transducers Lab
231EIUCL32	Electronics Circuit Design Lab

Semester-IV

Course Code	Course Name
231EIUCC41	Electrical Machines
231EIUCC42	Digital Electronics
231EIUMM42	Applied Mathematics -V
231ENUOE21	Project Management (Management)
231ENUOE22	E-commerce and Digital Marketing (Marketing)
231ENUOE23	Gender, Economy, and Work (Social)
231ENUOE24	Usability Analysis (Tech)
231ENUOE25	Stress Management (Behaviour)
231ENUOE31	Management Information Systems (Management)
231ENUOE32	Product Lifecycle Management (Marketing)
231ENUOE33	Emerging Trends in Technology (Social)
231ENUOE34	Cyber and Data Laws (Tech)
231ENUOE35	Design Thinking (Behaviour)
231ENUHS41	Financial Management
231ENUVE41	Digital Technological Solutions
231EIUFP41	Mini Project-I
231EIUCL41	Electrical Machines Lab
231EIUCL42	Digital Electronics Lab

Semester-V

Course Code	Course Name
231EIUCC51	Process Instrumentation System
231EIUCC52	Power Electronics
231EIUCC53	Feedback Control System
231EIUEC51	Electrical Network and Measurement
231EIUEC52	Analytical Instrumentation
231EIUEC53	Control System Components
231EIUEC54	Digital Signal Processing
231EIUMM53	Artificial Intelligence
231EIUMM54	Embedded System
231ENUOE41	Organizational Behaviour (Management)
231ENUOE42	AI for Business Applications (Marketing)
231ENUOE43	Energy Audit and Management (Social)
231ENUOE44	Reliability Engineering (Tech)
231ENUOE45	Comprehensive Skill Development for Employability (Behaviour)
231EIUCL51	Process Instrumentation System Lab
231EIUCL52	Power Electronics Lab
231EIUCL53	Feedback Control System Lab
231EIUEL51	Electrical Network and Measurement Lab
231EIUEL52	Analytical Instrumentation Lab
231EIUEL53	Control System Components Lab
231EIUEL54	Artificial Intelligence Lab

Semester-VI

Course Code	Course Name
231EIUCC61	Industrial Process Control
231EIUCC62	Electrical Power system
231EIUEC21	Advance Controllers in Power System
231EIUEC22	Agriculture Instrumentation
231EIUEC23	Industrial Data Communication
231EIUEC24	Digital Image Processing
231EIUEC31	High Voltage Engineering
231EIUEC32	Biomedical Instrumentation
231EIUEC33	Mechatronics
231EIUEC34	Machine Learning
231EIUMM65	Data Science
231EIUVS61	Skill base Lab-II Automation Lab
231EIUCL61	Industrial Process Control Lab
231EIUCL62	Electrical Power system Lab
231EIUEL21	Advance Controller in Power System Lab
231EIUEL22	Agriculture Instrumentation Lab
231EIUEL23	Industrial Data Communication Lab
231EIUEL24	Digital Image Processing Lab
231EIUEL31	High Voltage Engineering Lab
231EIUEL32	Biomedical Instrumentation Lab
231EIUEL33	Mechatronics Lab
231EIUEL34	Machine Learning Lab

Semester-VII

Course Code	Course Name
231EIUCC71	Distributed Generation and Smart grids
231EIUCC72	Industrial Automation
231EIUEC41	Electrical Power Quality
231EIUEC42	Instrumentation Project Documentation and Execution
231EIUEC43	Building Automation
231EIUEC44	Applied Predictive Analytics
231EIUEC51	Renewable Energy Technology
231EIUEC52	Automotive Instrumentation
231EIUEC53	Cyber Physical System
231EIUEC54	Artificial Intelligence and Optimization Technique In Power System
231ENURM1	Research Methodology
231ENURM2	Intellectual Property Rights
231EIUCL71	Distributed Generation and Smart grids Lab
231EIUCL72	Industrial Automation Lab
231EIUEL41	Electrical Power Quality Lab
231EIUEL42	IPDE Lab
231EIUEL43	Building Automation Lab
231EIUEL44	Applied Predictive Analytics Lab
231EIUEL51	Renewable Energy Technology Lab
231EIUEL52	Automotive Instrumentation Lab
231EIUEL53	Cyber Physical System Lab
231EIUEL54	Artificial Intelligence and Optimization Technique In Power System Lab

Semester-VIII

Course Code	Course Name
231EIUMM76	NPTEL Course
231EIUMP71	Major Project
231EIUIN71	Internship