

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

B.Tech. in Information Technology

Semester-III

Course Code	Course Name
231ITUCC31	Data Structure and Analysis
231ITUCC32	Database Management Systems
231ITUMM31	Engineering Mathematics III
231ENUOE11	Human Resource Management
231ENUOE12	Macroeconomics
231ENUOE13	Disaster Management and Mitigation Measures
231ENUOE14	Ethics for IT Users
231ENUOE15	Innovation and Creativity
231ENUAE31	Professional Communication and Ethics
231ENUHS31	Entrepreneurship Development and Management
231ENUVE31	Environmental Science
231ITUVS31	Skill Based Lab I- Java
231ITUCL31	Data Structure and Analysis Lab
231ITUCL32	Database Management Systems Lab

Semester-IV

Course Code	Course Name
231ITUCC41	Operating System
231ITUCC42	Data Communication and Network
231ITUMM41	Computer Organization and Architecture
231ENUOE21	Project Management
231ENUOE22	E-commerce and Digital Marketing
231ENUOE23	Gender, Economy, and Work
231ENUOE24	Usability Analysis
231ENUOE25	Stress Management
231ENUOE31	Management Information Systems
231ENUOE32	Product Lifecycle Management
231ENUOE33	Emerging Trends in Technology
231ENUOE34	Cyber and Data Laws
231ENUOE35	Design Thinking
231ENUHS41	Financial Management
231ENUVE41	Digital Technological Solutions
231ITUFP41	Python based Mini Project-I
231ITUCL41	Operating System Lab (UNIX Lab)
231ITUCL42	Data Comm. and Network Lab

Semester-V

Course Code	Course Name
231ITUCC51	Web Development and Analytics
231ITUCC52	Software Engineering
231ITUCC53	Data Mining and Business Intelligence
231ITUEC11	Machine Learning
231ITUEC12	Advanced Computer Network and Management
231ITUEC13	Computational Game Theory
231ITUEC14	Computer Graphics
231ITUMM53	Automata Theory and Formal Languages
231ITUMM54	Digital Signal Processing
231ENUOE41	Organizational Behaviour
231ENUOE42	AI for Business Applications
231ENUOE43	Energy Audit and Management
231ENUOE44	Reliability Engineering
231ENUOE45	Comprehensive Skill Development for Employability
231ITUCL51	Web Development and Analytics Lab
231ITUCL52	Software Engineering Lab
231ITUCL53	Data Mining and Business Intelligence Lab
231ITUEL51	Machine Learning Lab
231ITUEL52	Advanced Computer Network and Management Lab
231ITUEL53	Computational Game Theory Lab
231ITUEL54	Computer Graphics Lab

Semester-VI

Course Code	Course Name
231ITUCC61	Cryptography and Network Security
231ITUCC62	Cloud Computing
231ITUEC21	Soft Computing
231ITUEC22	Wireless Network
231ITUEC23	Semantic Web Technologies
231ITUEC24	UI/UX Design
231ITUEC31	Big Data Analytics
231ITUEC32	Information Storage and Data Management
231ITUEC33	Mobile Application Development
231ITUEC34	Augmented Reality/Virtual Reality
231ITUMM61	Internet of Things
231ITUVS61	Skill based Lab-2-Devops
231ITUCL61	Cryptography and Network Security Lab
231ITUCL62	Cloud Computing Lab
231ITUEL21	Soft Computing Lab
231ITUEL22	Wireless Network Lab
231ITUEL23	Semantic Web Technologies Lab
231ITUEL24	UI/UX Design Lab
231ITUEL31	Big Data Analytics Lab
231ITUEL32	Information Storage and Data Management Lab
231ITUEL33	Mobile Application Development Lab
231ITUEL34	Augmented Reality/Virtual Reality Lab

Semester-VII

Course Code	Course Name
231ITUCC71	Neural Networks
231ITUCC72	Principles of Compiler Design
231ITUEC41	Natural Language Processing
231ITUEC42	Digital Forensics
231ITUEC43	Software Testing and Quality Assurance
231ITUEC44	Computer Vision
231ITUEC51	Generative Artificial Intelligence
231ITUEC52	Blockchain and Distributed Ledger Technology
231ITUEC53	Quantum Computing
231ITUEC54	Geoinformatics
231ENURM71	Research Methodology
231ENURM72	Intellectual Property Rights
231ITUCL71	Neural Networks Lab
231ITUCL72	Principles of Compiler Design Lab
231ITUEL41	Natural Language Processing Lab
231ITUEL42	Digital Forensics Lab
231ITUEL43	Software Testing and Quality Assurance Lab
231ITUEL414	Computer Vision Lab
231ITUEL51	Generative Artificial Intelligence Lab
231ITUEL52	Blockchain and Distributed Ledger Technology Lab
231ITUEL53	Quantum Computing Lab
231ITUEL54	Geoinformatics Lab

Semester-VIII

Course Code	Course Name
231ITUMM81	NPTEL Course
231ITUMM82	NPTEL Course
231ITUMP81	Major Project
231ITUIN81	Internship