

Semester-I

Course Code	Course Name
2413FYB1T1	Engineering Mathematics-I
2413FYB1T2	Engineering Physics
2413FYE1T1	Principles of Electronics Engineering
2413FYC1T1	Structured Programming
2413FYA1T1	English for Engineers
2413FYB1L1	Engineering Physics Lab
2413FYE1L1	Principles of Electronics Engineering Lab
2413FYC1L1	Structured Programming Lab
2413FYS1L1	Basic Workshop Practice-I
2413FYL1L1	Health and Wellness

Semester-II

Course Code	Course Name
2413FYB2T1	Engineering Mathematics-II
2413FYB2T2	Engineering Chemistry
2413FYE2T1	Digital Logic Design
2413FYC2T1	Data Structure
2413FYB2L1	Engineering Chemistry Lab
2413FYE2L1	Digital Logic Design Lab
2413FYC2L1	Data Structure Lab
2413FYS2L1	Basic Workshop Practice-II
2413FYI2L1	Indian Cultural Studies
2413FYL2L1	Sports and Yoga

Semester-III

Course Code	Course Name
231CAUCC31	Database Management System
231CAUCC32	Design and Analysis of Algorithms
231CAUMM31	Statistical Methods
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
231CAUVS31	Skill Based Lab (Object Oriented Lab)
231CAUCL31	Database Management System Lab
231CAUCL32	Design and Analysis of Algorithms Lab

Semester-IV

Course Code	Course Name
231CAUCC41	Artificial Intelligence
231CAUCC42	Operating Systems
231CAUMM41	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
231CAUFP41	Mini Project-I
231CAUCL41	Artificial Intelligence Lab
231CAUCL42	Operating Systems Lab
231ENUAU41	Constitution Of India

Semester-V

Course Code	Course Name
231CAUCC51	Software Engineering
231CAUCC52	Machine Learning
231CAUCC53	Neural Networks & Fuzzy Systems
231CAUEC11	Data Modelling
231CAUEC12	Feature Engineering
231CAUEC13	Data Warehousing and Mining
231CAUEC14	Computer Networks
231CAUMM51	Random Signal Analysis
231CAUMM52	Digital Signal and Image Processing
231ENUOE41	Organizational Behaviour
231ENUOE42	AI for Business Applications
231ENUOE43	Energy Audit and Management
231ENUOE44	Reliability Engineering
231ENUOE45	Comprehensive Skill Development for Employability
231CAUCL51	Software Engineering Lab
231CAUCL52	Machine Learning Lab
231CAUCL53	Neural Networks & Fuzzy Systems Lab
231CAUEL11	Data Modelling Lab
231CAUEL12	Feature Engineering Lab
231CAUEL13	Data Warehousing and Mining Lab
231CAUEL14	Computer Networks Lab

Semester-VI

Course Code	Course Name
231CAUCC61	Advanced Machine Learning
231CAUCC62	Deep Learning
231CAUEC21	Data Visualization and Analytics
231CAUEC22	Responsible AI
231CAUEC23	Big Data Analytics
231CAUEC24	Quantum AI
231CAUEC31	Natural Language Processing
231CAUEC32	Computational Intelligence
231CAUEC33	Cognitive Computing
231CAUEC34	Cloud for AI
231CAUMM61	Design of Experiments
231CAUVS61	Skill Based Lab – III: MLOps
231CAUCL61	Advanced Machine Learning Lab
231CAUCL62	Deep Learning Lab
231CAUEL21	Data Analytics and Visualization Lab
231CAUEL22	Responsible AI Lab
231CAUEL23	Big Data Analytics Lab
231CAUEL24	Quantum AI Lab
231CAUEL31	Natural Language Processing Lab
231CAUEL32	Computational Intelligence Lab
231CAUEL33	Cognitive Computing Lab
231CAUEL34	Cloud for AI Lab

Semester-VII

Course Code	Course Name
231CAUCC71	Reinforcement Learning
231CAUCC72	Generative Artificial Intelligence
231CAUEC41	Optimization Techniques
231CAUEC42	Computer Vision and Pattern Recognition
231CAUEC43	Speech Analytics
231CAUEC44	Agentic Artificial Intelligence
231CAUEC51	Sentiment Analysis
231CAUEC52	Artificial Intelligence for Robotics
231CAUEC53	Social Media Analysis
231CAUEC54	Geo-Spatial Artificial Intelligence
231CAURM71	Research Methodology
231CAURM72	Intellectual Property Rights
231CAUCL71	Reinforcement Learning Lab
231CAUCL72	Generative Artificial Intelligence Lab
231CAUEL41	Optimization Techniques Lab
231CAUEL42	Computer Vision and Pattern Recognition Lab
231CAUEL43	Speech Analytics Lab
231CAUEL44	Agentic Artificial Intelligence Lab
231CAUEL51	Sentiment Analysis Lab
231CAUEL52	Artificial Intelligence for Robotics Lab
231CAUEL53	Social Media Analysis Lab
231CAUEL54	Geo-Spatial Artificial Intelligence Lab

Semester VIII

Course Code	Course Name
231CAU8T1	NPTEL Course I
231CAU8T2	NPTEL Course II
231CAUMP81	Major Project
231CAUIN81	Internship