

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
2413CAC3T1	Design and Analysis of Algorithms
2413CAC3T2	Database Management System
2413CAC3T3	Statistical Methods
2413CAU3T1	Embedded Systems
2413CAG3T1 (Management)	Human Resource Management
2413CAG3T2 (Technology)	Emerging Trends in Technology
2413CAG3T3 (Behaviour Science)	Innovation and Creativity
2413CAG3T4 (Economics)	Accounting for Everyone
2413CAA3L1	Business English and Communication
2413CAV3L1	Environmental Science
2413CAS3L1	Skill Based Lab - I: OOPM with Java
2413CAC3L1	Design and Analysis of Algorithms Lab
2413CAC3L2	Database Management Systems Lab

Semester-IV

Course Code	Course Name
2413CAC4T1	Artificial Intelligence
2413CAC4T2	Operating Systems
2413CAC4T3	Computer Organisation and Architecture
2413CAU4T1	Introduction to Internet of Things
2413CAG4T1 (Management)	Project Management
2413CAG4T2 (Technology)	E-commerce and Digital Marketing
2413CAG4T3 (Behaviour Science)	Design Thinking
2413CAG4T14 (Economics)	Microeconomics
2413CAH4T1	Financial Management
2413CAS4L1	Skill Based Lab – II: Python for AI
2413CAP4L1	Mini Project-I
2413CAC4L1	Artificial Intelligence Lab
2413CAC4L2	Operating Systems Lab
2413CAQ4T1	Constitution Of India

Semester-V

Course Code	Course Name
2413CAC5T1	Machine Learning
2413CAC5T2	Software Engineering
2413CAC5T3	Artificial Neural Networks
2413CAD5T1	Data Visualization
2413CAD5T2	Data Modelling
2413CAD5T3	Data Warehousing
2413CAD5T4	Computer Networks
2413CAU5T1	Industrial Automation
2413CAG5T1 (Management)	Products, Services and IT Service Management
2413CAG5T2 (Technology)	Cyber and Data Laws
2413CAG5T3 (Behaviour Science)	Comprehensive Skill Development for Employability
2413CAG5T4 (Economics)	Business Administration
2413CAH5T1	Entrepreneurship Development and Management
2413CAC5L1	Machine Learning Lab
2413CAC5L2	Software Engineering Lab
2413CAC5L3	Artificial Neural Networks Lab
2413CAD5L1	Data Visualization Lab
2413CAD5L2	Data Modelling Lab
2413CAD5L3	Data Warehousing Lab
2413CAD5L4	Computer Networks Lab

Semester-VI

Course Code	Course Name
2413CAC6T1	Deep Learning
2413CAC6T2	Advanced Machine Learning
2413CAD6T1	Responsible AI
2413CAD6T2	Feature Engineering
2413CAD6T3	Big Data Analytics
2413CAD6T4	Quantum AI
2413CAD6T5	Natural Language Processing
2413CAD6T6	Computational Intelligence
2413CAD6T7	Cognitive Computing
2413CAD6T8	Cloud for AI
2413CAU6T1	Mechatronics
2413CAS6L1	Skill Based Lab-III: DevOps and MLOps
2413CAC6L2	Mini Project- II
2413ITC6L1	Advanced Machine Learning Lab
2413CAD6L1	Responsible AI Lab
2413CAD6L2	Feature Engineering Lab
2413CAD6L3	Big Data Analytics Lab
2413CAD6L4	Quantum AI Lab
2413CAD6L5	Natural Language Processing Lab
2413CAD6L6	Computational Intelligence Lab
2413CAD6L7	Cognitive Computing Lab
2413CAD6L8	Cloud for AI Lab

Semester-VII

Course Code	Course Name
2413CAC7T1	Reinforcement Learning
2413CAC7T2	Generative Artificial Intelligence
2413CAD7T1	Optimization Techniques
2413CAD7T2	Computer Vision and Pattern Recognition
2413CAD7T5	Speech Analytics
2413CAD7T4	Agentic AI
2413CAD7T5	Sentiment Analysis
2413CAD7T6	Artificial Intelligence for Robotics
2413CAD7T7	Social Media Analysis
2413CAD7T8	Geo AI
2413CAR7T1	Research Methodology
2413CAR7T2	Intellectual Property Rights
2413CAC7L1	Reinforcement Learning Lab
2413CAC7L2	Generative Artificial Intelligence Lab
2413CAD7L1	Optimization Techniques Lab
2413CAD7L2	Computer Vision and Pattern Recognition Lab
2413CAD7L3	Speech Analytics Lab
2413CAD7L4	Agentic AI Lab
2413CAD7L5	Sentiment Analysis Lab
2413CAD7L6	Artificial Intelligence for Robotics Lab
2413CAD7L7	Social Media Analysis Lab
2413CAD7L8	Geo AI Lab

Semester-VIII

Course Code	Course Name
2413CAU8T1	NPTEL Course - I
2413CAU8T2	NPTEL Course - II
2413CAN8L1	Internship