

## Semester-I

Course Code	Course Name
2513MTC1T1	Engineering Mathematics - I
2513MTC1T2	Engineering Physics
2513MTC1T3	Principles of Electronics Engineering
2513MTC1T4	Structured Programming
2513MTC1T5	Business Communication
2513MTC1L1	Engineering Physics Lab
2513MTC1L2	Principles of Electronics Engineering Lab
2513MTC1L3	Structured Programming Lab
2513MTC1L4	Basic Workshop Practice - I

## Semester-II

Course Code	Course Name
2513MTC2T1	Engineering Mathematics - II
2513MTC2T2	Python Programming
2513MTC2T3	Digital Logic Design
2513MTC2T4	Data Structure
2513MTC2L1	Python Programming Lab
2513MTC2L2	Digital Logic Design Lab
2513MTC2L3	Data Structure Lab
2513MTC4L4	Basic Workshop Practice - II
2513MTC2L5	Indian Cultural Studies
2513MTC2L6	Creative Thinking

### Semester-III

Course Code	Course Name
2513MTC3T1	Database Management System
2513MTC3T2	Design and Analysis of Algorithms
2513MTC3T3	Computer Network
2513MTC3T4	Statistical Methods
2513MTC3T5	Environmental Science
2513MTC3L1	Database Management System Lab
2513MTC3L2	Design and Analysis of Algorithms Lab
2513MTC3L3	Computer Network Lab
2513MTC3L4	Critical Thinking
2513MTC3L5	Skill Based Lab – I: OOPM with Java

### Semester-IV

Course Code	Course Name
2413CAC4T1	Artificial Intelligence
2413CAC4T2	Digital Signal and Image Processing
2413CAC4T3	Operating Systems
2513MTG4T1	Cyber & Data Laws
2513MTG4T2	E-commerce and Digital Marketing
2513MTG4T3	Product Life Cycle Management
2513MTG4T4	IPR
2413CAG4T1 (Management)	Artificial Intelligence Lab
2413CAG4T2 (Technology)	Digital Signal and Image Processing Lab
2413CAG4T3 (Behaviour Science)	Operating Systems Lab
2413CAG4T14 (Economics)	Design Thinking
2413CAH4T1	Skill Based Lab – II: Software Tools for AIML
2413CAS4L1	Mini Project-I

## Semester-V

Course Code	Course Name
2513MTC5T1	Machine Learning
2513MTC5T2	Software Engineering
2513MTC5T3	Artificial Neural Networks
2513MTC5T4	Management Essentials
2513MTD5T1	Data Visualization
2513MTD5T2	Data Modelling
2513MTD5T3	Data Warehousing
2513MTD5T4	Business Intelligence
2513MTC5L1	Machine Learning Lab
2513MTC5L2	Software Engineering Lab
2513MTC5L3	Artificial Neural Networks Lab
2513MTD5L1	Data Visualization Lab
2513MTD5L2	Data Modelling Lab
2513MTD5L3	Data Warehousing Lab
2513MTD5L4	Business Intelligence Lab
2513MTC5L4	Skill Based Lab – II: MLOPS
2513MTC5L5	Professional Communication and Ethics

## Semester-VI

Course Code	Course Name
2513MTC6T1	Deep Learning
2513MTC6T2	Advanced Machine Learning
2513MTC6T3	Organizational Behavior
2513MTD6T1	Responsible AI
2513MTD6T2	Feature Engineering
2513MTD6T3	Big Data Analytics
2513MTD6T4	Quantum AI
2513MTD6T5	Natural Language Processing
2513MTD6T6	Computational Intelligence
2513MTD6T7	Cognitive Computing
2513MTD6T8	Cloud for AI
2513MTC6L1	Advanced Machine Learning Lab
2513MTC6L2	Deep Learning Lab
2513MTD6L1	Responsible AI Lab
2513MTD6L2	Feature Engineering Lab
2513MTD6L3	Big Data Analytics Lab
2513MTD6L4	Quantum AI Lab
2513MTD6L5	Natural Language Processing Lab
2513MTD6L6	Computational Intelligence Lab
2513MTD6L7	Cognitive Computing Lab
2513MTD6L8	Cloud for AI Lab
2513MTP6L1	Mini Project-II

## Semester-VII

Course Code	Course Name
2513MTC7T1	Reinforcement Learning
2513MTC7T2	Generative Artificial Intelligence
2513MTC7T3	Principles of Marketing
2513MTD7T1	Optimization Techniques
2513MTD7T2	Computer Vision and Pattern Recognition
2513MTD7T3	Speech Analytics
2513MTD7T4	Agentic AI
2513MTD7T5	Sentiment Analysis
2513MTD7T6	Artificial Intelligence for Robotics
2513MTD7T7	Social Media Analysis
2513MTD7T8	Geo AI
2513MTR7T1	Research Methodology
2513MTC7L1	Reinforcement Learning Lab
2513MTC7L2	Generative Artificial Intelligence Lab
2513MTD7L1	Optimization Techniques Lab
2513MTD7L2	Computer Vision and Pattern Recognition Lab
2513MTD7L3	Speech Analytics Lab
2513MTD7L4	Agentic AI Lab
2513MTD7L5	Sentiment Analysis Lab
2513MTD7L6	Artificial Intelligence for Robotics Lab
2513MTD7L7	Social Media Analysis Lab
2513MTD7L8	Geo AI Lab
2513MTP7L1	Project

## Semester-VIII

Course Code	Course Name
2513MTO8T1	NPTEL Course - I
2513MTO8T1	NPTEL Course - II
2513MTN8L1	Internship