

Department of Computer Engineering

FE Computer Engineering - SEM 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

FE Computer Engineering -SEM 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

SE Computer Engineering - SEM III

Course Code	Course Name
231CEUCC31	Data Structures
231CEUCC32	Object Oriented Programming
231CEUMM31	Engineering Mathematics III
231ENUOE11	Human Resource Management
231ENUOE12	Macroeconomics
231ENUOE13	Disaster Management and Mitigation Measures
231ENUOE14	Ethics for IT Users
231ENUOE15	Innovation and Creativity
231ENUA31	Professional Communication and Ethics
231ENUHS31	Entrepreneurship Development and Management
231ENUVE31	Environmental Science
231CEUVS31	Skill Based Lab 1 – Advance Web Technology
231CEUCL31	Data Structures Lab
231CEUCL32	Object Oriented Programming Lab

SE Computer Engineering - SEM IV

Course Code	Course Name
231CEUCC41	Design and Analysis of Algorithm
231CEUCC42	Database Management Systems
231CEUMM41	Discrete Mathematics
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
231CEUFP41	Mini Project-I
231CEUCL41	Design and Analysis of Algorithm Lab
231CEUCL42	Database Management Systems Lab
231ENUAU41	Constitution Of India

TE Computer Engineering - SEM V

Course Code	Course Name
231CEUCC51	Software Engineering
231CEUCC52	Computer Networks
231CEUCC53	Computer Organization and Operating System
231CEUEC11	Computer Graphics
231CEUEC12	Advanced Database Management System
231CEUEC13	Microprocessor and Microcontroller
231CEUEC14	Advance Algorithms
231CEUMM51	Computational Theory and Applications
231CEUMM52	Artificial Intelligence
231ENUOE41	Organizational Behaviour
231ENUOE42	AI for Business Applications
231ENUOE43	Energy Audit and Management
231ENUOE44	Reliability Engineering
231ENUOE45	Comprehensive Skill Development for Employability
231CEUCL51	Software Engineering Lab
231CEUCL52	Computer Networks Lab
231CEUCL53	Computer Organization and Operating System Lab
231CEUEL11	Computer Graphics Lab
231CEUEL12	Advanced Database Management System Lab
231CEUEL13	Microprocessor and Microcontroller Lab
231CEUEL14	Advance Algorithms Lab

TE Computer Engineering - SEM VI

Course Code	Course Name
231CEUCC61	Machine Learning
231CEUCC62	Cryptography and Network Security
231CEUEC21	Compiler Design
231CEUEC22	Data Warehousing and Mining
231CEUEC23	Cloud Computing
231CEUEC24	Mobile Computing
231CEUEC31	Digital Signal and Image Processing
231CEUEC32	Data Management & Visualization
231CEUEC33	Advanced Computer Network
231CEUEC34	Soft Computing
231CEUMM61	Introduction to IoT
231CEUVS61	Skill Based Lab IV – DevOps
231CEUCL61	Machine Learning Lab
231CEUCL62	Cryptography and Network Security Lab
231CEUEL21	Compiler Design Lab
231CEUEL22	Data Warehousing and Mining Lab
231CEUEL23	Cloud Computing Lab
231CEUEL24	Mobile Computing Lab
231CEUEL31	Digital Signal and Image Processing
231CEUEL32	Data Management & Visualization
231CEUEL33	Advanced Computer Network
231CEUEL34	Soft Computing

BE Computer Engineering - SEM VII

Course Code	Course Name
231CEUCC71	Distributed Computing
231CEUCC72	Big Data Analytics
231CEUEC41	Augmented Reality / Virtual Reality
231CEUEC42	Human Computer Interaction
231CEUEC43	Cyber Security
231CEUEC44	Blockchain Technology
231CEUEC51	Computer Vision
231CEUEC52	Software Testing and Analysis
231CEUEC53	High Performance Computing
231CEUEC54	Digital Forensics
231ENURM71	Research Methodology
231ENURM72	Intellectual Property Rights
231CEUCL71	Distributed Computing Lab
231CEUCL72	Big Data Analytics lab
231CEUEL41	Augmented Reality / Virtual Reality Lab
231CEUEL42	Human Computer Interaction Lab
231CEUEL43	Cyber Security Lab
231CEUEL44	Blockchain Technology Lab
231CEUEL51	Computer Vision Lab
231CEUEL52	Software Testing and Analysis Lab
231CEUEL53	High Performance Computing Lab
231CEUEL54	Digital Forensics Lab

BE Computer Engineering - SEM VIII

Course Code	Course Name
231CEUMM81	NPTEL Course 1
23CEUMM82	NPTEL Course 2
231CEUMP81	Major Project
231CEUIN81	Internship

SEMWISE Computer Engineering - MINOR (ISB)

Course Code	Semester	Course Name
23105UMC31	III	Principles of Information Security
23105UMC41	IV	Identity and Access Management
23105UMC51	V	Blockchain and Cryptocurrency
23105UML51	V	Blockchain and Cryptocurrency Lab
23105UMC61	VI	Blockchain Technology
23105UML61	VI	Blockchain Technology Lab
23105UMC71	VII	Blockchain Architecture and Application
23105UML71	VII	Blockchain Architecture and Application Lab

SEMWISE Computer Engineering MINOR (Data Science)

Course Code	Semester	Course Name
23104UMC31	III	Statistical Methods
23104UMC41	IV	Fundamentals of Data Science
23104UMC51	V	Social Network Analysis
23104UML51	V	Social Network Analysis Lab
23104UMC61	VI	Natural Language Processing
23104UML61	VI	Natural Language Processing Lab
23104UMC71	VII	Computational Intelligence
23104UML71	VII	Computational Intelligence Lab