II/IV B.TECH I-SEM SUBJECT CODE & SUBJECT NAME (R20.1)

SUBJECT CODE (CHEMICAL)	SUBJECT NAME
CHE211	Engineering Mathematics – III
CHE212	Organic Chemistry
CHE213	Biology for Engineers
CHE214	Chemical Process Calculations
CHE215	Mechanical Operations
CHE216	Organic Chemistry Lab
CHE217	Mechanical Operations Lab

SUBJECT CODE (CIVIL)	SUBJECT NAME
CIV211	Engineering Mathematics - III
CIV212	Building Planning & Design
CIV213	Environmental Engineering-I
CIV214	Strength of Materials
CIV215	Surveying & Geomatics
CIV216	Surveying Field Work
CIV217	Strength of Materials Lab
CIV218	Environmental Engineering Lab

SUBJECT CODE (CSD)	SUBJECT NAME
CSD 211	DATA STRUCTURES&ALGORITHMS
CSD 212	COMPUTER ORGANIZATION AND MICROPROCESSORS
CSD 213	JAVA PROGRAMMING
CSD 214	DATA COMMUNICATION AN D COMPUTER NETWORKS
CSD 215	DISCRETE MATHEMATICAL STRUCTURES
CSD 216	DESIGN THINKING & PRODUCT INNOVATION
CSD 217	JAVA PROGRAMMING LAB
CSD 218	DATA STRUCTURES LAB USING C
CSD 219	Constitution of Indian & - Intellectual Property Rights (Mandatory non-credit course)

SUBJECT CODE (CSM)	SUBJECT NAME
CSM211	DATA STRUCTURES&ALGORITHMS
CSM 212	COMPUTER ORGANIZATION AND MICROPROCESSORS
CSM 213	JAVA PROGRAMMING
CSM 214	DATA COMMUNICATION AN D COMPUTER NETWORKS
CSM 215	DISCRETE MATHEMATICAL STRUCTURES
CSM 216	DESIGN THINKING & PRODUCT INNOVATION
CSM 217	JAVA PROGRAMMING LAB
CSM 218	DATA STRUCTURES LAB USING C
CSM 219	Constitution of India & - Intellectual Property Rights (Mandatory non-credit course)

SUBJECT CODE (CSE)	SUBJECT NAME
CSE211	Data Structures &Algorithms
CSE212	Computer Organization
CSE213	Java Programming
CSE214	Data Communication
CSE215	Discrete Mathematical Structures
CSE216	Design Thinking & Product Innovation
CSE217	Java Programming Lab
CSE218	Data Structures Lab Using C
CSE 219	Constitution of Indian & - Intellectual Property Rights (Mandatory non-credit course)

SUBJECT CODE (ECE)	SUBJECT NAME
ECE211	EngineeringMathematics – III
ECE212	Computer Architecture and Organization
ECE213	Digital Electronics and Logic Design
ECE214	Signals and systems
ECE215	Probability Theory and Random Process
ECE216	Electronic circuits and analysis-I
ECE217	Electronic circuits and analysis-I Lab
ECE218	Simulation Lab(MATLAB and HDL Programming)
ECE 219	Human Values and Professional Ethics(Mandatory non-credit course)

SUBJECT CODE (EEE)	SUBJECT NAME
EEE211	Engineering Mathematics – III
EEE212	Engineering Mechanics & Strength of Materials
EEE213	Network Theory
EEE214	Electrical Measurements
EEE215	Electronics Circuits and Analysis
EEE216	Microprocessors and Micro Controllers
EEE217	Networks & Measurements Laboratory
EEE218	Electronics Laboratory -I
EEE219	Constitution of Indian & - Intellectual Property Rights (Mandatory non-credit course)

SUBJECT CODE (IT)	SUBJECT NAME
IT211	Data Structures
IT212	Basics of Electrical Engineering
IT213	Discrete Mathematical Structures
IT214	Software Engineering
IT215	Computer Organization and Microprocessors
IT216	Data Structures Lab
IT217	Microprocessors Lab
IT218	Python Programming Lab
IT219	Constitution of Indian & - Intellectual Property Rights

SUBJECT CODE (MECHANICAL)	SUBJECT NAME
MEC211	Engineering Mathematics- III
MEC212	Material Science & Metallurgy
MEC213	Engineering Mechanics
MEC214	Mechanics of Solids
MEC215	Basic Thermodynamics
MEC216	Manufacturing Processes
MEC217	Mechanics of Solids- Lab
MEC218	Manufacturing- Lab