

III/IV B.TECH SEM-I REGULAR (R-20)
BRANCH WISE SUBJECT CODES & SUBJECT NAMES

SUBJECT CODE (CHEMICAL)	SUBJECT NAME
CHE311	Python Programming (Open Elective- I)
CHE312	Chemical Engineering Thermodynamics
CHE313	Heat Transfer
CHE314	Mass Transfer – I
CHE315	Chemical Technology
CHE316(D)	Electrochemical Engineering (Professional Elective-II)
CHE317	Heat Transfer Lab
CHE318	Chemical Technology Lab
CHE319	Quantitative Aptitude – I & Soft Skills

SUBJECT CODE (CIVIL)	SUBJECT NAME
CIV311	Python Programming (Open Elective- I)
CIV312	Fluid Mechanics-II
CIV313	Geotechnical Engineering – II
CIV314	Reinforced Concrete Structures-I
CIV315	Structural Analysis – II
CIV316	Computer Applications in Civil Engineering Lab
CIV317	Fluid Mechanics Lab
CIV318	Technical Seminar
CIV319	Quantitative Aptitude-I & Verbal Aptitude-I

SUBJECT CODE (CSD)	SUBJECT NAME
CSD 311	BLOCK CHAIN (OPEN ELECTIVE-I)
CSD 312	ADVANCED DATA STRUCTURES (PROFESSIONAL
CSD 313	DATA ANALYSIS & VISUALIZATION
CSD 314	COMPETITIVE PROGRAMMING
CSD 315	DATA BASE MANAGEMENT SYSTEMS
CSD 316	DATA SCIENCE WITH PYTHON LAB
CSD 317	DATA BASE MANAGEMENT SYSTEMS LAB
CSD 318	COMPETITIVE PROGRAMMING LAB
CSD 319	QA-I & SOFTSKILLS
CSM 31A	SUMMER INTERNSHIP - INDUSTRY

SUBJECT CODE (CSE)	SUBJECT NAME
CSE 311	ESSENTIALS OF PYTHON (OPEN ELECTIVE-I)
CSE 312 A	ARTIFICIAL INTELLIGENCE (PROFESSIONAL ELECTIVE -I)
CSE 312 B	ADVANCED DATA STRUCTURES (PROFESSIONAL
CSE 313	COMPETITIVE PROGRAMMING
CSE 314	COMPILER DESIGN

CSE 315	DATA BASE MANAGEMENT SYSTEMS
CSE 316	DESIGN & ANALYSIS OF ALGORITHMS
CSE 317	DATA BASE MANAGEMENT SYSTEMS LAB
CSE 318	COMPETITIVE PROGRAMMING LAB
CSE 319	QA-I &SOFT SKILLS
CSE31A	SUMMER INTERNSHIP-INDUSTRY-1

SUBJECT CODE (CSM)	SUBJECT NAME
CSM 311	Block Chain (Open Elective- I)
CSM 312	ADVANCED DATA STRUCTURES (Professional Elective-I)
CSM 313	MACHINE LEARNING
CSM 314	COMPETITIVE PROGRAMMING
CSM 315	DATA BASE MANAGEMENT SYSTEMS
CSM 316	MACHINE LEARNING LAB
CSM 317	DATA BASE MANAGEMENT SYSTEMS LAB
CSM 318	COMPETITIVE PROGRAMMING LAB
CSM 319	QA-I & SOFTSKILLS
CSM 31A	SUMMER INTERNSHIP - INDUSTRY

SUBJECT CODE (ECE)	SUBJECT NAME
ECE311	Python Programming (Open Elective- I)
ECE312	Electronic Measurements and Instrumentation (Professional Elective-I)
ECE313	Digital communications
ECE314	Embedded Systems and IOT
ECE315	Integrated Circuits and Applications
ECE316	Antennas and Propagation
ECE317	Quantitative Aptitude & Verbal Aptitude-I
ECE318	Embedded systems and IOT lab
ECE319	AC& DC Laboratory
ECE320	Internship-I

SUBJECT CODE (EEE)	SUBJECT NAME
EEE311	Python Programming (Open Elective-I)
EEE 312	Embedded Systems
EEE 313	Pulse, Digital and Integrated Circuits
EEE 314	Linear Control Systems
EEE 315	Performance of Induction and Synchronous Machines
EEE 316	Power Transmission and Distribution
EEE 317	Quantitative Aptitude & Verbal Aptitude-I
EEE 319	Embedded Systems Lab
EEE 3110	Electronics Lab-II
EEE 3111	Summer Internship

SUBJECT CODE (IT)	SUBJECT NAME
IT311	Advanced Python Programming for Emerging Applications (Open
IT312	Computer Networks
IT313	Automata theory and compiler design
IT314	Data Warehousing and Data Mining (Professional Elective-I)
IT315	Artificial Intelligence
IT316	QA-1&VA-1
IT317	UML and Testing Tools Lab
IT318	Computer Networks Lab
IT319	Web Technologies Lab
IT320	Internship-I

SUBJECT CODE (MECHANICAL)	SUBJECT NAME
MEC 311	Python Programming (Open Elective- I)
MEC 312	Industrial Engineering and Management
MEC 313	Design Thinking
MEC 314	Dynamics of Machinery
MEC 315	Applied Thermal Engineering-II
MEC 316	Design of Machine Elements-I
MEC 317	Kinematics and Dynamics of Machinery Lab
MEC 318	Thermal Engineering Lab
MEC 319	Quantitative Aptitude-I &