

**III-IV B.TECH I-SEM SUBJECT NAME & SUBJECT CODE (R20.1)****Branch :CHEM**

SUBJECT CODE	SUBJECT NAME
CHE311	Python Programming (OE- I)
CHE 316	Fertilizer Technology (PE-II)
CHE313	Heat Transfer
CHE314	Mass Transfer – I
CHE315	Chemical Technology
CHE312	Chemical Engineering Thermodynamics
CHE310	Summer Internship - I
CHE317	Heat Transfer Lab
CHE318	Chemical Technology Lab
CHE319	Quantitative Aptitude – I & Soft Skills

**Branch :CIV**

SUBJECT CODE	SUBJECT NAME
CIV311	Python Programming (OE-I)
CIV312	Fluid Mechanics-II
CIV313	Geotechnical Engineering – II
CIV314	Reinforced Concrete Structures-I
CIV315	Structural Analysis – II
CIV3110	Summer Internship-I
CIV316	Computer Applications in Civil Engineering Lab
CIV317	Fluid Mechanics Lab
CIV318	Technical Seminar
CIV319	Quantitative Aptitude-I & Verbal Aptitude-I

**Branch :CSD**

SUBJECT CODE	SUBJECT NAME
CSD 311	Block Chain (OE-I)
CSD 312(D)	Artificial Intelligence (PE-I)
CSD 314	Competitive Programming
CSD 313	Data Analysis & Visualization
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
CSD 31A	Summer Internship - Industry

**Branch :CSE**

SUBJECT CODE	SUBJECT NAME
CSE 311	Essentials of Python (OE-I)
CSE 312 A	Artificial Intelligence (PE-I)
CSE 312 B	Advanced Data Structures (PE-I)
CSE 313	Competitive Programming
CSE 316	Design & Analysis Of Algorithms
CSE 315	Data Base Management Systems
CSE 314	Compiler Design
CSE 317	Data Base Management Systems Lab
CSE 318	Competitive Programming Lab
CSE 319	QA-I & Soft Skills
CSE31A	Summer Internship-Industry-1

**Branch :CSM**

SUBJECT CODE	SUBJECT NAME
CSM 311	Block Chain (OE-I)
CSM 312	Advanced Data Structures (PE-I)
CSM 314	Competitive Programming
CSM 313	Machine Learning
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

**Branch :ECE**

SUBJECT CODE	SUBJECT NAME
ECE311	Python Programming (OE-I)
ECE312A	Electronic Measurements and Instrumentation (PE-I)
ECE312B	Microelectronics (PE- 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

**Branch :EEE**

SUBJECT CODE	SUBJECT NAME
EEE311	Python Programming (OE-I)
EEE 314	Linear Control Systems
EEE 313	Pulse, Digital and Integrated Circuits
EEE 315	Performance of Induction and Synchronous Machines
EEE 316	Power Transmission and Distribution
EEE 312	Embedded Systems
EEE 3110	Electronics Lab-II
EEE 3111	Summer Internship
EEE 317	Quantitative Aptitude-II/ Verbal Aptitude-I
EEE 318	Design Thinking
EEE 319	Embedded Systems Lab

**Branch :IT**

SUBJECT CODE	SUBJECT NAME
IT311	Advanced Python Programming for Emerging Applications (OE-I)
IT314 A	Data Warehousing and Data Mining (PE-I)
IT314 B	Unix Network Programming (PE-I)
IT313	Automata theory and compiler design
IT312	Computer Networks
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

**Branch :MEC**

SUBJECT CODE	SUBJECT NAME
MEC 311	Python Programming (OE- I)
MEC 312	Industrial Engineering and Management (Humanities Elective)
MEC 314	Dynamics of Machinery
MEC 316	Design of Machine Elements-I
MEC 315	Applied Thermal Engineering-II
MEC 317	Kinematics and Dynamics of Machinery Ia
MEC 318	Thermal Engineering Lab
MEC 319	Quantitative Aptitude-I & Verbal Aptitude Verbal Aptitude
MEC 320	Industrial Training- I