



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE)

Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC

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B.TECH III/IV B.Tech SEM-II (R20)

Branch :CHEM

SUBJECT CODE	SUBJECT NAME
CHE329	Quantitative Aptitude-II & Soft Skills
CHE327	Mass Transfer Lab
CHE328	Process Dynamics and Control Lab
CHE321B	Bioinformatics (OE-II)
CHE324	Process Dynamics and Control
CHE325 (A)	Industrial Pollution and Control (PE-III)
CHE323	Chemical Reaction Engineering – I
CHE326 (A)	Material Science and Engineering (PE-IV)
CHE322	Mass Transfer – II

Branch :CIV

SUBJECT CODE	SUBJECT NAME
CIV329	Quantitative Aptitude-II & Soft Skills
CIV327	Structural Analysis & Design using STAAD Pro
CIV328	Transportation Engineering Lab
CIV321B	Python Coding (OE-II)
CIV322	Ground Improvement Techniques (PE-I)
CIV323	Steel Structures
CIV324	Reinforced Concrete Structures-II
CIV325	Highway Engineering
CIV326	Irrigation Engineering

Branch :CSD

SUBJECT CODE	SUBJECT NAME
CSD 329	Quantitative Aptitude-II & Soft Skills
CSD 327	Web Technologies Lab
CSD 328	Machine Learning Lab
CSD 321B	Optimization Techniques For Data Processing (OE-II)
CSD 322(D)	Data Warehousing And Data Mining (PE-II)
CSD 323E	Distributed Operating System (PE-III)
CSD 324	Object Oriented Software Engineering
CSD 325	Web Technologies
CSD 326	Machine Learning

Branch :CSE

SUBJECT CODE	SUBJECT NAME
CSE329	Quantitative Aptitude-II & Soft Skills
CSE327	Web Technologies Lab
CSE328	Object Oriented Software Engineering Lab
CSE321	Introduction to Renewable Energy Sources (OE-II)
CSE322(A)	Machine Learning (PE-II)
CSE323(C)	Neural Networks and Deep Learning (PE-III)
CSE324	Object Oriented Software Engineering
CSE325	Web Technologies
CSE326	Cryptography & Network Security

Branch :CSM

SUBJECT CODE	SUBJECT NAME
CSM 329	Quantitative Aptitude-II & Soft Skills
CSM 327	Web Technologies Lab
CSM 328	Deep Learning Lab
CSM 321B	Optimization Techniques For Data Processing (OE-II)
CSM 322(D)	Data Warehousing & Data Mining (PE-II)
CSM 323E	Human Computer Interaction (PE-III)
CSM 324	Object Oriented Software Engineering
CSM 325	Web Technologies
CSM 326	Deep Learning

Branch :ECE

SUBJECT CODE	SUBJECT NAME
ECE327	Quantitative Aptitude-II & Softskills
ECE328	ICA Laboratory
ECE329	DS lab
ECE321 (B)	Data Base Management System (OE-II)
ECE322	Digital IC design using HDL (PE-II)
ECE323A	Information Theory and Coding (PE-III)
ECE323B	Wireless Sensor Network (PE-III)
ECE324	Data Structures
ECE325	Digital Signal Processing
ECE326	VLSI Design

Branch :EEE

SUBJECT CODE	SUBJECT NAME
EEE327	Quantitative Aptitude-II & Soft Skills
EEE3210	Electrical Machines Lab – II
EEE328	Research Methodology
EEE329	Control Systems Lab
EEE321	Data Base Management System (OE-II)
EEE322	Advanced Control Systems (PE-I)
EEE323	Power System Protection (PE-II)
EEE324	Power Electronics
EEE325	Power System Analysis
EEE326	Engineering Economics & Management

Branch :IT

SUBJECT CODE	SUBJECT NAME
IT326	Quantitative Aptitude-II & Soft Skills
IT327 (A)	ETL Tools Lab (EL-I)
IT327 (B)	DevOps (EL-I)
IT327 (C)	Advanced Java Lab (EL-I)
IT328	Internet of Things Lab
IT329	Graphics and Multimedia Lab
IT321 (A)	Green Technologies (OE-II)
IT321D	Introduction to Digital Image Processing (OE-II)
IT321E	Optimization Techniques for Data Processing (OE-II)
IT321F	Critical Thinking Skills (OE-II)
IT322A	Machine Learning (PE-II)
IT322B	Internet Of Things (PE-II)
IT323A	Soft Computing (PE-III)
IT323B	Web Security (PE-III)
IT324	Design and Analysis of Algorithms
IT325	DesignThinking

Branch :MEC

SUBJECT CODE	SUBJECT NAME
MEC 329	Quantitative Aptitude-II & Soft Skills
MEC 327	Fluid Mechanics & Hydraulic Machinery -Lab
MEC 328	Computer Aided Design & Manufacturing Lab
MEC 321(A)	Data Structure using Python (OE – II)
MEC 321(B)	Database Management Systems (OE – II)
MEC 322	Production Planning & Control (PE-I)
MEC 323(A)	Refrigeration & Air-conditioning (PE-II)
MEC 323(B)	Power Plant Engineering (PE-II)
MEC 324	Finite Element Analysis
MEC 325	Fluid Mechanics & Hydraulic Machinery
MEC 326	Design of Machine Elements-II

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