



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES**

UGC AUTONOMOUS

(Permanently Affiliated to Andhra University, Approved by AICTE, Accredited by NBA & NAAC with 'A' Grade)  
SANGIVALASA -531 162, BHEEMUNIPATNAM MANDAL, VISAKHAPATNAM DT.

**IV/IV B.TECH I-SEMESTER SUPPLEMENTARY EXAMINATIONS: MAY-2022 (R15)**

13-04-2022

REGULATION : R15 (315, 316, 317, 318 Series)

DATE, DAY & TIME	CHEMICAL	CIVIL	CSE	ECE	EEE	IT	MECH
02/05/2022 (Monday) 10.00 AM – 1.00 PM	Transport Phenomena	Transportation Engineering-II	Cryptography and Network Security	Engineering Economics and Management	Power System Analysis	Cryptography & Network Security	Managerial Economics & Financial Analysis
04/05/2022 (Wednesday) 10.00 AM – 1.00 PM	Process Dynamics and Control	Water Resources Engineering-II	Object Oriented Analysis and Design	Computer Network Engineering	Power System Protection	Data Analytics	Heat Transfer
05/05/2022 (Thursday) 10.00 AM – 1.00 PM	Process Modeling and Simulation	Project Planning & Management	1. Mobile Computing (Professional Elective-II) 2. Neural Network & Deep Learning (Professional Elective-II) 3. Human Computer Interaction (Professional Elective-II)	1. Digital IC Design using HDL (Professional Elective-II) 2. Digital Image Processing (Professional Elective-II)	Power Semiconductor Drives	1. Data Warehousing & Data Mining (Professional Elective-II) 2. Artificial Intelligence & Robotics (Professional Elective-II) 3. Software Project Management (Professional Elective-II)	Computer Aided Design
06/05/2022 (Friday) 10.00 AM – 1.00 PM	1. Petroleum Refinery Engineering (Professional Elective-III) 2. Nanotechnology (Professional Elective-III)	Steel Structures	1. Machine Learning (Professional Elective-III) 2. Cyber Security (Professional Elective-III)	VLSI Design	1. Electrical & Hybrid Vehicles (Professional Elective-III) 2. HVDC (Professional Elective-III)	Machine Learning (Professional Elective-III)	Finite Element Analysis (Professional Elective-II)
07/05/2022 (Saturday) 10.00 AM – 1.00 PM	—	1. Air Pollution Control (Professional Elective-II) 2. Disaster Management (Professional Elective-II)	—	—	1. Electrical Drives and Traction (Professional Elective-II) 2. Digital Control Systems (Professional Elective-II)	—	1. Refrigeration and Air Conditioning (Professional Elective-III) 2. Automobile Engineering (Professional Elective-III)
09/05/2022 (Monday) 10.00 AM – 1.00 PM	—	Python Programming (Open Elective-I) (Supply.)	—	—	—	—	—

**NOTE : STUDENTS ARE NOT ALLOWED TO ENTER THE EXAM HALL AFTER 10:10 AM UNDER ANY CIRCUMSTANCE**

13/4/2022  
Dean & COE  
ANITS  
Sangivalasa  
Visakhapatnam

Principal  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam Dist.

# MODEL PAPER

Hall Ticket No:

Question Paper Code :

## ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (AUTONOMOUS)

I-IV B.Tech/M.Tech Regular & Supplementary Examinations

Time : 3 hrs

Max Marks : 5x12M=60M

Answer ANY FIVE Questions one equation from each Unit

All Questions Carry Equal Marks (12 Marks)

All parts of the questions must be answered at one place only.

### UNIT-I

Q.No		Questions	Marks	CO	BL
1.	A.		[6M]		
	B.		[6M]		
(OR)					
2.	A.		[6M]		
	B.		[6M]		

### UNIT-II

3.	A.		[6M]		
	B.		[6M]		
(OR)					
4.	A.		[6M]		
	B.		[6M]		

### UNIT-III

5.	A.		[6M]		
	B.		[6M]		
(OR)					
6.	A.		[6M]		
	B.		[6M]		

### UNIT-IV

7.	A.		[6M]		
	B.		[6M]		
(OR)					
8.	A.		[6M]		
	B.		[6M]		

### UNIT-V

09.	A.		[6M]		
	B.		[6M]		
(OR)					
10.	A.		[6M]		
	B.		[6M]		

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