



**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.

**III/IV B.TECH I-SEMESTER SUPPLEMENTARY EXAMINATIONS: MAY-2022 (R19)**

**REGULATION : R19 (319 Series)**

**Dt : 16-04-2022**

DATE, DAY & TIME	CHEMICAL	CIVIL	CSE	ECE	EEE	IT	MECH
10/05/2022 <b>(Tuesday)</b> 10.00 AM – 1.00 PM	Python Programming (Open Elective-I)	Python Programming (Open Elective-I)	Essentials of Python (Open Elective-1)	Python Programming (Open Elective-I)	Python Programming (Open Elective-I)	1. Advanced Python Programming for emerging applications 2. Introduction to Competitive Coding (Open Elective-1)	Python Programming (Open Elective-I)
11/05/2022 <b>(Wednesday)</b> 10.00 AM – 1.00 PM	Chemical Engineering Thermodynamics-II	Fluid Mechanics-II	Advanced Data Structures (Professional Elective - 1)	Electronic Measurements and Instrumentation (Professional Elective - 1)	Renewable Energy Technologies (Professional Elective-I)	Computer Networks	Industrial Engineering & Management (Humanities Elective)
12/05/2022 <b>(Thursday)</b> 10.00 AM – 1.00 PM	Heat Transfer	Geotechnical Engineering – II	Competitive Programming	Digital communications	Linear Control Systems	Automata Theory and Compiler Design	Design Thinking
13/05/2022 <b>(Friday)</b> 10.00 AM – 1.00 PM	Mass Transfer-I	Reinforced Concrete Structures-I	Data Base Management Systems	Embedded systems and IOT	Pulse, Digital and Integrated Circuits	Software Engineering	Dynamics of Machinery
14/05/2022 <b>(Saturday)</b> 10.00 AM – 1.00 PM	Chemical Technology	Structural Analysis – II	Design and Analysis of Algorithms	Integrated circuits and Applications	Power Transmission and Distribution	Artificial Intelligence	Design of Machine Elements-I
16/05/2022 <b>(Monday)</b> 10.00 AM – 1.00 PM	Industrial Safety (Professional Elective - II)	—	Compiler Design	Antennas and Propagation	Performance of Induction and Synchronous Machines	—	Applied Thermal Engineering-II

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

**CONTROLLER OF EXAMINATIONS**  
(Prof. N.V.N Indra Kiran)  
**Dean & COE**  
**ANITS**  
**Sangivalasa**  
**Visakhapatnam**

**PRINCIPAL**  
(Prof. T.V Hanumantha Rao)  
Principal  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam Dist

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SANGIVALASA -531 162, BHEEMUNIPATNAM MANDAL, VISAKHAPATNAM DT.**III/IV B.TECH I-SEMESTER SUPPLEMENTARY EXAMINATIONS: MAY-2022 (R15)****REGULATION : R15 (315, 316, 317, 318 Series)****Dt : 16-04-2022**

DATE, DAY & TIME	CHEMICAL	CIVIL	CSE	ECE	EEE	IT	MECH
10/05/2022 <b>(Tuesday)</b> 10.00 AM – 1.00 PM	Python Programming (Open Elective-I)	Python Programming (Open Elective-I)	Introduction to Competitive coding (Open Elective-I)	Python Programming (Open Elective-I)	Python Programming (Open Elective-I)	1. Advanced Python Programming for emerging applications 2. Competitive Coding (Open Elective-I)	Python Programming (Open Elective-I)
11/05/2022 <b>(Wednesday)</b> 10.00 AM – 1.00 PM	Chemical Engineering Thermodynamics-II	Fluid Mechanics-II	Computer Networks	Computer Architecture & Organization	Data Structures	Unix Network Programming	Hydraulic Machinery and Systems
12/05/2022 <b>(Thursday)</b> 10.00 AM – 1.00 PM	Heat Transfer	Geotechnical Engineering-I	Computer Graphics	Microprocessors & Applications	Linear Control Systems	Formal Languages Automata Theory	Engineering Thermodynamics-II
13/05/2022 <b>(Friday)</b> 10.00 AM – 1.00 PM	Mass Transfer-I	Reinforced Concrete Structures-I	Data Base Management Systems	Communication Systems Engineering	Pulse and Digital Circuits	Data Base Management Systems	Theory of Machines-II
14/05/2022 <b>(Saturday)</b> 10.00 AM – 1.00 PM	Chemical Reaction Engineering-I	Structural Analysis-II	Design & Analysis of Algorithms	Integrated Circuits & Applications	Linear IC's and Applications	Object Oriented Programming through JAVA	Design of Machine Elements-I
16/05/2022 <b>(Monday)</b> 10.00 AM – 1.00 PM	1. Polymer Technology (Elective-I) 2. Fertilizer Technology (Elective-I)	Environmental Engineering-II	—	Antennas & Wave Propagation	Electrical Power Generation & Utilization	—	—

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# MODEL PAPER

Hall Ticket No:

Question Paper Code :

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

III-IV B.Tech Regular & Supplementary Examinations

Time : 3 hrs

Max Marks : 5x12M=60M

Answer ANY FIVE Questions one question 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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M  
16/4/22  
Dean & COE  
AMTS  
Bengaluru  
Vishkapatnam