



**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.

**II/IV B.TECH II-SEMESTER SUPPLEMENTARY EXAMINATIONS: NOV/DEC 2021 (R19)**

**(OFFLINE)**

**Date: 13-11-2021**

| DATE, DAY & TIME  | CHEMICAL                                     | CIVIL                        | CSE                                     | ECE                                  | EEE   | IT                                      | MECH                                     |
|---|--|------------------------------|---|--------------------------------------|---|---|--|
| 29/11/2021<br><b>(Monday)</b><br>10.00 AM – 12.40 PM    | Engineering Mathematics – IV                 | Environmental Engineering-II | Probability Statistics & Queuing Theory | Engineering Mathematics-IV           | Engineering Mathematics-IV                  | Probability Statistics & Queuing Theory | Engineering Mathematics-IV               |
| 30/11/2021<br><b>(Tuesday)</b><br>10.00 AM – 12.40 PM   | Momentum transfer                            | Fluid Mechanics-I            | Microprocessors and Interfacing         | Control Systems                      | Thermodynamics and Mechanics of Fluids      | Data Communications                     | Basic Electrical Engineering             |
| 01/12/2021<br><b>(Wednesday)</b><br>10.00 AM – 12.40 PM | Chemical Engineering Thermodynamics-I        | Geotechnical Engineering-I   | Operating Systems                       | Electronic Circuits and Analysis-II  | Signals and Systems                         | Operating Systems                       | Applied Thermal Engineering-I            |
| 02/12/2021<br><b>(Thursday)</b><br>10.00 AM – 12.40 PM  | Numerical Methods for Chemical Engineers     | Structural Analysis-I        | Computer Networks                       | Analog Communication                 | Electromagnetics                            | Database Management Systems             | Kinematics of Machinery                  |
| 03/12/2021<br><b>(Friday)</b><br>10.00 AM – 12.40 PM    | Polymer Technology (Professional Elective-I) | Surveying-II                 | Computer Graphics                       | Transmission lines and EM Waves      | Performance of DC Machines and Transformers | Object Oriented Programming using Java  | Metal Cutting, Machine Tools & Metrology |
| 04/12/2021<br><b>(Saturday)</b><br>10.00 AM – 12.40 PM  | —  | —                            | Formal Languages and Automata Theory    | Microprocessors and Microcontrollers | Electrical Power Generation and Utilization | —                                       | Mechanical Engineering Drawing           |

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

**CONTROLLER OF EXAMINATIONS**  
(Prof. NVN Indra Kiran)

**Dean & COE**  
**ANITS**  
**Sangivalasa**  
**Visakhapatnam**

# MODEL PAPER

Hall Ticket No:

Question Paper Code :

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

**B.Tech/M.Tech Regular & Supplementary Examinations**

Time : 2 hrs 40 minutes

Max Marks : 4x15M=60M

Answer ANY FOUR Questions one question from each Unit  
All Questions Carry Equal Marks (15 Marks)  
All parts of the questions must be answered at one place only.

## UNIT-I

| Q.No  | Questions | Marks | CO | BL |
|-------|-----------|-------|----|----|
| 1. A. |           | [7M]  |    |    |
| B.    |           | [8M]  |    |    |
| (OR)  |           |       |    |    |
| 2. A. |           | [7M]  |    |    |
| B.    |           | [8M]  |    |    |

## UNIT-II

|       |  |      |  |  |
|-------|--|------|--|--|
| 3. A. |  | [7M] |  |  |
| B.    |  | [8M] |  |  |
| (OR)  |  |      |  |  |
| 4. A. |  | [7M] |  |  |
| B.    |  | [8M] |  |  |

## UNIT-III

|       |  |      |  |  |
|-------|--|------|--|--|
| 5. A. |  | [7M] |  |  |
| B.    |  | [8M] |  |  |
| (OR)  |  |      |  |  |
| 6. A. |  | [7M] |  |  |
| B.    |  | [8M] |  |  |

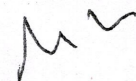
## UNIT-IV

|       |  |      |  |  |
|-------|--|------|--|--|
| 7. A. |  | [7M] |  |  |
| B.    |  | [8M] |  |  |
| (OR)  |  |      |  |  |
| 8. A. |  | [7M] |  |  |
| B.    |  | [8M] |  |  |

## UNIT-V

|        |  |      |  |  |
|--------|--|------|--|--|
| 09. A. |  | [7M] |  |  |
| B.     |  | [8M] |  |  |
| (OR)   |  |      |  |  |
| 10. A. |  | [7M] |  |  |
| B.     |  | [8M] |  |  |

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Sanghivada  
Visakhapatnam