



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
UNIVERSITY EXAMINATION CENTER, KAKINADA

**II B.TECH- II SEMESTER (R13 REGULATIONS) SUPPLEMENTARY EXAMINATIONS, DEC/JAN– 2022/2023**

**REVISED TIME TABLE**

**TIME: 10.00 AM TO 01.00 PM**

| BRANCH  | DATE AND DAY   |  |   |  |   |  |
|---|--|--|---|--|---|--|
|   | 27-12-2022<br>(Tuesday)  | 29-12-2022<br>(Thursday)   | 31-12-2022<br>(Saturday)  | 03-01-2023<br>(Tuesday)  | 05-01-2023<br>(Thursday)                                    | 07-01-2023<br>(Saturday)                           |
| <b>CIVIL ENGINEERING<br/>(01 - CE)</b>                                    | BUILDING<br>PLANNING AND<br>DRAWING                                  | HYDRAULICS AND<br>HYDRAULIC<br>MACHINERY                                   | MANAGERIAL<br>ECONOMICS AND<br>FINANCIAL<br>ANALYSIS<br>(Com. to CE, EIE) | CONCRETE<br>TECHNOLOGY   | STRUCTURAL<br>ANALYSIS - I                                  | STRENGTH OF<br>MATERIALS- II                       |
| <b>ELECTRICAL AND<br/>ELECTRONICS<br/>ENGINEERING<br/>(02 - EEE)</b>      | ENVIRONMENTAL<br>STUDIES   | SWITCHING<br>THEORY AND<br>LOGIC DESIGN<br>(Com. to EEE, ECE,<br>EIE, ECC) | PULSE AND<br>DIGITAL CIRCUITS<br>(Com. to EEE, ECC)                       | POWER SYSTEMS-I  | CONTROL SYSTEMS   | ELECTRICAL<br>MACHINES-II                          |
| <b>MECHANICAL<br/>ENGINEERING<br/>(03 - ME)</b>                           | KINEMATICS OF<br>MACHINERY (Com.<br>to ME, AME, MM)                  | THERMAL<br>ENGINEERING –I  | PRODUCTION<br>TECHNOLOGY<br>(Com. to ME, AME)                             | FLUID MECHANICS<br>AND HYDRAULIC<br>MACHINERY<br>(Com. to ME, AME) | -----   | MACHINE<br>DRAWING<br>(Com. to ME,<br>AME,MM)      |
| <b>ELECTRONICS&amp;<br/>COMMUNICATIONS<br/>ENGINEERING<br/>(04 - ECE)</b> | ELECTRONIC<br>CIRCUIT ANALYSIS<br>(Com. to ECE, EIE)                 | SWITCHING<br>THEORY AND<br>LOGIC DESIGN<br>(Com. to EEE, ECE,<br>EIE, ECC) | ANALOG<br>COMMUNICATIONS  | MANAGEMENT<br>SCIENCE  | EM WAVES AND<br>TRANSMISSION<br>LINES<br>(Com. to ECE, EIE) | RANDOM<br>VARIABLES AND<br>STOCHASTIC<br>PROCESSES |
| <b>COMPUTER<br/>SCIENCE&amp;<br/>ENGINEERING<br/>(05 - CSE)</b>           | PROBABILITY AND<br>STATISTICS<br>(Com. to CSE, IT,<br>CHEM, PE, PCE) | JAVA<br>PROGRAMMING<br>(Com. to CSE, IT)                                   | ADVANCED DATA<br>STRUCTURES<br>(Com. to CSE, IT)                          | COMPUTER<br>ORGANIZATION<br>(Com. to CSE, IT,<br>ECC)              | FORMAL<br>LANGUAGES AND<br>AUTOMATA THEORY                  | -----  |

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**II. B.TECH II SEMESTER (R13)**

| BRANCH   | DATE AND DAY   |   |  |   |   |   |
|--|--|---|--|---|---|---|
|  | 27-12-2022<br>(Tuesday)  | 29-12-2022<br>(Thursday)  | 31-12-2022<br>(Saturday)   | 03-01-2023<br>(Tuesday)   | 05-01-2023<br>(Thursday)  | 07-01-2023<br>(Saturday)                          |
| <b>CHEMICAL ENGINEERING (08 - CHEM)</b>                        | PROBABILITY AND STATISTICS<br>(Com. to CSE, IT, CHEM, PE, PCE) | MATERIALS SCIENCE & ENGINEERING / METALLURGY & MATERIALS SCIENCE<br>(Com. to CHEM, PE, PCE) | MECHANICAL UNIT OPERATIONS<br>(Com. to CHEM, PCE)                | CHEMICAL ENGINEERING THERMODYNAMICS-I<br>(Com. to CHEM, PCE)      | INORGANIC CHEMICAL TECHNOLOGY                                       | MOMENTUM TRANSFER<br>(Com. to CHEM, PE, PCE)      |
| <b>ELECTRONICS &amp; INSTRUMENTATION ENGINEERING (10- EIE)</b> | ELECTRONIC CIRCUIT ANALYSIS<br>(Com. to ECE, EIE)              | SWITCHING THEORY AND LOGIC DESIGN<br>(Com. to EEE, ECE, EIE, ECC)                           | MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS<br>(Com. to CE, EIE) | SIGNAL CONDITIONING   | ELECTRO MAGNETIC WAVES AND TRANSMISSION LINES<br>(Com. to ECE, EIE) | PRINCIPLES OF COMMUNICATION<br>(Com. to EIE, ECC) |
| <b>INFORMATION TECHNOLOGY (12 - IT)</b>                        | PROBABILITY AND STATISTICS<br>(Com. to CSE, IT, CHEM, PE, PCE) | JAVA PROGRAMMING<br>(Com. to CSE, IT)   | ADVANCED DATA STRUCTURES<br>(Com. to CSE, IT)                    | COMPUTER ORGANIZATION<br>(Com. to CSE, IT, ECC)                   | LANGUAGE PROCESSORS   | -----   |
| <b>ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)</b>         | SOFTWARE ENGINEERING   | SWITCHING THEORY AND LOGIC DESIGN<br>(Com. to EEE, ECE, EIE, ECC)                           | PULSE AND DIGITAL CIRCUITS<br>(Com. to EEE, ECC)                 | COMPUTER ORGANIZATION<br>(Com. to CSE, IT, ECC)                   | OBJECT ORIENTED PROGRAMMING   | PRINCIPLES OF COMMUNICATION<br>(Com. to EIE, ECC) |
| <b>AERONUTICAL ENGINEERING (21 - AE)</b>                       | AIRCRAFT ENGINEERING DRAWING                                   | IC ENGINES AND GAS TURBINES   | CONTROL SYSTEMS  | BASIC ELECTRICAL AND ELECTRONICS ENGINEERING<br>(Com. to AE, MET) | AIRCRAFT PRODUCTION TECHNOLOGY                                      | AERODYNAMICS -I                                   |


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| BRANCH                                    | DATE AND DAY  |  |  |   |   |                                       |
|---|---|--|--|---|---|---------------------------------------|
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| <b>BIO-TECHNOLOGY (23 - BIO)</b>          | HEAT TRANSFER IN BIOPROCESS                                 | PROCESS ENGINEERING PRINCIPLES   | INSTRUMENTAL METHODS OF ANALYSIS               | MOLECULAR BIOLOGY   | ENVIRONMENTAL BIOTECHNOLOGY             | BIOPROCESS ENGINEERING                |
| <b>AUTO MOBILE ENGG. (AME-24)</b>         | KINEMATICS OF MACHINERY (Com. to ME, AME, MM)               | THERMAL ENGINEERING  | PRODUCTION TECHNOLOGY (Com. to ME, AME)        | FLUID MECHANICS AND HYDRAULIC MACHINERY (Com. to ME, AME) | INDUSTRIAL ENGG. AND MANAGEMENT         | MACHINE DRAWING (Com. to ME, AME, MM) |
| <b>MINING – (26-MM)</b>                   | KINEMATICS OF MACHINERY (Com. to ME, AME, MM)               | MATERIAL ENGINEERING   | SURFACE MINING                                 | MINE SURVEYING - I  | MINING GEOLOGY - II                     | MACHINE DRAWING (Com. to ME, AME, MM) |
| <b>PETROLEUM ENGINEERING (27-PE)</b>      | PROBABILITY AND STATISTICS (Com. to CSE, IT, CHEM, PE, PCE) | MATERIALS SCIENCE & ENGINEERING / METALLURGY & MATERIALS SCIENCE (Com. to CHEM, PE, PCE) | THERMODYNAMICS FOR PETROLEUM ENGINEERS         | PETROLEUM GEOLOGY   | PROCESS HEAT TRANSFER (Com. to PE, PCE) | MOMENTUM TRANSFER (Com. to CHEM, PCE) |
| <b>PETROCHEMICAL ENGINEERING (28-PCE)</b> | PROBABILITY AND STATISTICS (Com. to CSE, IT, CHEM, PE, PCE) | MATERIALS SCIENCE & ENGINEERING / METALLURGY & MATERIALS SCIENCE (Com. to CHEM, PE, PCE) | MECHANICAL UNIT OPERATIONS (Com. to CHEM, PCE) | CHEMICAL ENGINEERING THERMODYNAMICS-I (Com. to CHEM, PCE) | PROCESS HEAT TRANSFER (Com. to PE, PCE) | MOMENTUM TRANSFER (Com. to CHEM, PCE) |
| <b>METALLURGICAL ENGINEERING (17-MET)</b> | MINERAL DRESSING  | INSTRUMENTATION  | METALLURGICAL ANALYSIS                         | BASIC ELECTRICAL AND ELECTRONICS ENGG (Com. to AE, MET)   | PRINCIPLES OF EXTRACTIVE METALLURGY     | METALLURGICAL THERMODYNAMICS          |
| <b>AGRICULTURAL ENGINEERING (35-AGE)</b>  | HEAT AND MASS TRANSFER                                      | THEORY OF MACHINES   | FARM POWER AND TRACTOR SYSTEMS                 | SURFACE WATER HYDROLOGY                                   | SOIL MECHANICS                          | PRINCIPLE OF SCIENCES AND AGRONOMY    |

**NOTE:**

- i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.
- iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.

**DATE: 09 -12- 2022**

  
**Controller of Examinations**