



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

UNIVERSITY EXAMINATION CENTER, KAKINADA

III B.TECH I SEMESTER (R13)

## III B TECH - I SEMESTER (R13 REGULATION) SUPPLEMENTARY EXAMINATIONS, FEBRUARY -2022

### T I M E T A B L E

T I M E: 10.00 AM TO 1.00 PM

| BRANCH                                                             | DATE AND DAY                                             |                                                                   |                                                              |                                             |                            |                                           |                                               |
|--------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------------|-------------------------------------------|-----------------------------------------------|
|                                                                    | 01-02-2022<br>(Tuesday)                                  | 03-02-2022<br>(Thursday)                                          | 05-02-2022<br>(Saturday)                                     | 08-02-2022<br>(Tuesday)                     | 10-02-2022<br>(Thursday)   | 15-02-2022<br>(Tuesday)                   | 17-02-2022<br>(Thursday)                      |
| <b>CIVIL ENGINEERING<br/>(01- CE)</b>                              | Structural Analysis – II<br>(RT31012)                    | Design and Drawing of Reinforced Concrete Structures<br>(RT31013) | Engineering Geology<br>(RT31014)                             | Transportation Engineering – I<br>(RT31015) | IPR & Patents<br>(RT31016) | Geotechnical Engineering – I<br>(RT31011) | ----                                          |
| <b>ELECTRICAL AND ELECTRONICS ENGINEERING<br/>(02 - EEE)</b>       | Managerial Economics and Financial Analysis<br>(RT31022) | Power Systems-II<br>(RT31023)                                     | Electrical Machines – III<br>(RT31024)                       | Power Electronics<br>(RT31025)              | IPR & Patents<br>(RT31016) | Electrical Measurements<br>(RT31021)      | Linear & Digital IC Applications<br>(RT31026) |
| <b>MECHANICAL ENGINEERING<br/>(03 - ME)</b>                        | Metal Cutting & Machine Tools<br>(RT31032)               | Design of Machine Members-I<br>(RT31033)                          | Instrumentation & Control Systems<br>(RT31034)               | Thermal Engineering - II<br>(RT31035)       | IPR & Patents<br>(RT31016) | Dynamics of Machinery<br>(RT31031)        | Metrology<br>(RT31036)                        |
| <b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING<br/>(04 - ECE)</b> | Linear IC Applications<br>(RT31042)                      | Control Systems<br>(RT31043)                                      | Digital System Design & Digital IC Applications<br>(RT31044) | Antennas and Wave Propagation<br>(RT31045)  | IPR & Patents<br>(RT31016) | Pulse & Digital Circuits<br>(RT31041)     | ----                                          |
| <b>COMPUTER SCIENCE &amp; ENGINEERING<br/>(05 - CSE)</b>           | Data Communication<br>(RT31052)                          | Principles of Programming Languages<br>(RT31053)                  | Database Management Systems<br>(RT31054)                     | Operating Systems<br>(RT31055)              | ----                       | Compiler Design<br>(RT31051)              | ----                                          |

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| BRANCH                                                       | DATE AND DAY                            |                                        |                                       |                             |                          |                                |                                  |
|--------------------------------------------------------------|-----------------------------------------|----------------------------------------|---------------------------------------|-----------------------------|--------------------------|--------------------------------|----------------------------------|
|                                                              | 01-02-2022<br>(Tuesday)                 | 03-02-2022<br>(Thursday)               | 05-02-2022<br>(Saturday)              | 08-02-2022<br>(Tuesday)     | 10-02-2022<br>(Thursday) | 15-02-2022<br>(Tuesday)        | 17-02-2022<br>(Thursday)         |
| <b>CHEMICAL ENGINEERING (08 - CHEM)</b>                      | Organic Chemical Technology             | Chemical Engineering Thermodynamics-II | Chemical Reaction Engineering – I     | Mass Transfer Operations-I  | ----                     | Process Heat Transfer          | Process Instrumentation          |
| <b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10- EIE)</b> | Linear Integrated Circuits Applications | Control Systems                        | Digital System Design (DICA)          | Digital Signal Processing   | IPR & Patents            | Pulse & Digital Circuits       | ----                             |
| <b>INFORMATION TECHNOLOGY (12 - IT)</b>                      | Data Communication (RT31052)            | Advanced JAVA (RT31123)                | Database Management Systems (RT31054) | Operating Systems (RT31055) | ----                     | Software Engineering (RT31121) | ----                             |
| <b>ELECTRONICS AND COMPUTER ENGINEERING (19 - ECC)</b>       | Linear IC Applications                  | Design & Analysis of Algorithms        | Computer Graphics                     | Management Science          | IPR & Patents            | Digital IC Applications        | ----                             |
| <b>AERONAUTICAL ENGINEERING (21 - AE)</b>                    | Aerodynamics – II                       | Aerospace Vehicle Structures – I       | Aerospace Propulsion – I              | CAD/CAM                     | IPR & Patents            | Flight Mechanics - I           | Introduction to Space Technology |

| BRANCH                                   | DATE AND DAY                                          |                                            |                                                                           |                                                           |                          |                                          |                                   |
|------------------------------------------|-------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------|------------------------------------------|-----------------------------------|
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| <b>AUTOMOBILE ENGINEERING (AME-24)</b>   | Managerial Economics and Financial Analysis (RT31022) | Design of Machine Elements (RT31243)       | Vehicle Transport Management                                              | Heat Transfer                                             | IPR & Patents            | Dynamics of Machinery (RT31031)          | Fuels and Combustion              |
| <b>MINING ENGINEERING (26-MM)</b>        | Managerial Economics and Financial Analysis           | Mine Environment Engineering – I           | Electrical Equipment in Mines                                             | Mine Surveying-II                                         | IPR & Patents            | Under Ground Coal Mining Technology      | Mine Mechanization                |
| <b>PETROLEUM ENGINEERING (27-PE)</b>     | Well Logging & Formation Evaluation (RT31272)         | Drilling Technology                        | Well Engineering (RT31274)                                                | Process Dynamics & Control (RT31275)                      | ----                     | Petroleum Exploration (RT31271)          | Process Instrumentation (RT31086) |
| <b>AGRICULTURAL ENGINEERING (35-AGE)</b> | Soil and Water Conservation Engineering               | Agricultural Process Engineering (RT31353) | Engineering Properties of Biological Materials and Food Quality (RT31354) | Agricultural Extension Techniques and Business Management | IPR & Patents            | Thermodynamics and Refrigeration Systems | ----                              |

**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: 10-01-2022

  
Controller of Examinations

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**TIME TABLE OF III B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS  
FROM R10 TO R13 REGULATIONS**

| DATE OF EXAMINATION: 01-02-2022 (Tuesday)                                                 |                                           | TIME OF EXAMINATION: 10.00 AM TO 01.00 PM                 |
|-------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------|
| BRANCH                                                                                    | ALREADY STUDIED SUBJECT                   | SUGGESTED SUBJECT                                         |
| ELECTRICAL AND ELECTRONICS ENGINEERING<br>(02 – EEE)<br><b>For Regular Students</b>       | Management Economics & Financial Analysis | Complex Variable and Statistical Methods (PT31021)        |
| ELECTRICAL AND ELECTRONICS ENGINEERING<br>(02 – EEE)<br><b>For Lateral Entry Students</b> | Management Economics & Financial Analysis | Complex Variable and Statistical Methods                  |
| INFORMATION TECHNOLOGY<br>(12-IT)                                                         | Data Communication                        | Language Processor ( <b>Or</b> ) Advanced Data Structures |
| ELECTRONICS AND COMMUNICATION ENGINEERING<br>(04 – ECE) <b>Transfer Candidate</b>         | Linear IC Applications                    | Management Economics & Financial Analysis (II/I–R13)      |


**TIME TABLE OF III B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS  
FROM R07 TO R13 REGULATIONS**

| DATE OF EXAMINATION: 01-02-2022 (Tuesday)            |                                           | TIME OF EXAMINATION: 10.00 AM TO 01.00 PM |
|------------------------------------------------------|-------------------------------------------|-------------------------------------------|
| BRANCH                                               | ALREADY STUDIED SUBJECT                   | SUGGESTED SUBJECT                         |
| ELECTRICAL AND ELECTRONICS ENGINEERING<br>(02 – EEE) | Management Economics & Financial Analysis | Complex Variable and Statistical Methods  |

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**TIME TABLE OF III B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS  
FROM R10 TO R13 REGULATIONS**

| DATE OF EXAMINATION: 03-02-2022 (Thursday)              |                                     | TIME OF EXAMINATION: 10.00 AM TO 01.00 PM |
|---------------------------------------------------------|-------------------------------------|-------------------------------------------|
| BRANCH                                                  | ALREADY STUDIED SUBJECT             | SUGGESTED SUBJECT                         |
| COMPUTER SCIENCE AND ENGINEERING<br>(05 – CSE)          | Principles of Programming Languages | Advanced Data Structures                  |
| ELECTRONICS AND COMMUNICATION ENGINEERING<br>(04 – ECE) | Control Systems                     | Management Science<br>(II/II – R13)       |


**TIME TABLE OF III B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS  
FROM R07 TO R13 REGULATIONS**

| DATE OF EXAMINATION: 03-02-2022 (Thursday)     |                                     | TIME OF EXAMINATION: 10.00 AM TO 01.00 PM |
|------------------------------------------------|-------------------------------------|-------------------------------------------|
| BRANCH                                         | ALREADY STUDIED SUBJECT             | SUGGESTED SUBJECT                         |
| COMPUTER SCIENCE AND ENGINEERING<br>(05 – CSE) | Principals of Programming Languages | Computer Graphics<br>(R07 – III - I)      |

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**TIME TABLE OF III B.TECH I SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS  
FROM R10 TO R13 REGULATIONS**

| DATE OF EXAMINATION: 08-02-2022 (Tuesday)      |                              | TIME OF EXAMINATION: 10.00 AM TO 01.00 PM |
|------------------------------------------------|------------------------------|-------------------------------------------|
| BRANCH                                         | ALREADY STUDIED SUBJECT      | SUGGESTED SUBJECT                         |
| CIVIL ENGINEERING<br>(01 - CE)                 | Engineering Geology          | Engineering Mechanics<br>(I/I – R13)      |
| COMPUTER SCIENCE AND ENGINEERING<br>(05 – CSE) | Data Base Management System  | OOPS C++                                  |
| INFORMATION TECHNOLOGY<br>(12-IT)              | Data Base Management Systems | Object Oriented Programming Through C++   |


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| DATE OF EXAMINATION: 10-02-2022 (Thursday) |                         | TIME OF EXAMINATION: 10.00 AM TO 01.00 PM         |
|--------------------------------------------|-------------------------|---------------------------------------------------|
| BRANCH                                     | ALREADY STUDIED SUBJECT | SUGGESTED SUBJECT                                 |
| CIVIL ENGINEERING<br>(01 - CE)             | IPR & Patents           | Probability & Statistics<br>(R13 – II Year I Sem) |

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FROM R10 TO R13 REGULATIONS**

| DATE OF EXAMINATION: 15-02-2022 (Tuesday)               |                          | TIME OF EXAMINATION: 10.00 AM TO 01.00 PM |
|---------------------------------------------------------|--------------------------|-------------------------------------------|
| BRANCH                                                  | ALREADY STUDIED SUBJECT  | SUGGESTED SUBJECT                         |
| ELECTRONICS AND COMMUNICATION ENGINEERING<br>(04 – ECE) | Pulse & Digital Circuits | Data Structures<br>(II/I – R13)           |

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