



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

**III B TECH - II SEMESTER (R10) SUPPLEMENTARY EXAMINATIONS, FEBRUARY - 2022**

**T I M E T A B L E**

**T I M E: 02.00 PM TO 05.00 PM**

| BRANCH  | DATE AND DAY  |  |  |   |  |   |
|---|---|--|--|---|--|---|
|   | 08-02-2022<br>(Tuesday)                             | 10-02-2022<br>(Thursday)                           | 14-02-2022<br>(Monday)                                   | 16-02-2022<br>(Wednesday)   | 18-02-2022<br>(Friday)   | 21-02-2022<br>(Monday)  |
| CIVIL ENGINEERING<br>(01- CE)                                   | GEOTECHNICAL<br>ENGINEERING - I<br>(R32011)         | WATER AND<br>WASTEWATER<br>ENGINEERING<br>(R32012) | DESIGN & DRAWING OF<br>STEEL STRUCTURES<br>(R32013)      | WATER RESOURCES<br>ENGINEERING-II<br>(R32014)   | DESIGN &<br>DRAWING OF<br>CONCRETE<br>STRUCTURES -II<br>(R32015) | TRANSPORTATION<br>ENGINEERING-II<br>(R32016)                                |
| ELECTRICAL AND<br>ELECTRONICS<br>ENGINEERING<br>(02 - EEE)      | ELECTRICAL<br>MACHINE DESIGN<br>(R32021)            | POWER SYSTEM<br>ANALYSIS (R32022)                  | UTILIZATION OF<br>ELECTRICAL ENERGY<br>(R32023)          | MICROPROCESSORS<br>AND<br>MICROCONTROLLE<br>RS (R32024)                                   | POWER<br>SEMICONDUCTOR<br>DRIVES (R32025)                        | MANAGEMENT<br>SCIENCE(com to<br>ECE,CSE,CHEM,EIE,<br>BME,IT,) (R32026)      |
| MECHANICAL<br>ENGINEERING<br>(03 - ME)                          | METROLOGY<br>(R32031)                               | ROBOTICS (R32032)                                  | HEAT TRANSFER (R32033)                                   | INSTRUMENTATION<br>& CONTROL<br>SYSTEMS (R32034)  | DESIGN OF<br>MACHINE<br>MEMBERS- II<br>(R32035)                  | INDUSTRIAL ENGG. &<br>MANAGEMENT<br>(R32036)                                |
| ELECTRONICS<br>&<br>COMMUNICATIONS<br>ENGINEERING<br>(04 - ECE) | COMPUTER<br>NETWORKS<br>(Common to ECM)<br>(R32041) | MICROWAVE<br>ENGINEERING<br>(R32042)               | DIGITAL SIGNAL<br>PROCESSING<br>(Common to ECM) (R32043) | MICRO<br>PROCESSORS AND<br>MICRO<br>CONTROLLERS<br>(Common to<br>ECM,BMI,EIE)<br>(R32044) | VLSI DESIGN<br>(Common to<br>ECM,EIE) (R32045)                   | MANAGEMENT<br>SCIENCE<br>(com to<br>EEE,CSE,CHEM,EIE,,B<br>ME,IT,) (R32026) |
| COMPUTER SCIENCE<br>&<br>ENGINEERING<br>(05 - CSE)              | Advanced COMPUTER<br>NETWORKS (R32051)              | COMPUTER<br>ARCHITECTURE<br>(R32052)               | DESIGN AND ANALYSIS<br>OF ALGORITHMS (R32053)            | UNIX<br>PROGRAMMING<br>(R32054)   | ADVANCED JAVA<br>AND WEB<br>TECHNOLOGIES<br>(R32055)             | MANAGEMENT<br>SCIENCE(com to<br>EEE,ECE,,CHEM,EIE,,B<br>ME,IT,)             |

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| BRANCH   | DATE AND DAY                           |  |  |  |  |  |
|--|--|--|--|--|--|--|
|  | 08-02-2022<br>(Tuesday)                | 10-02-2022<br>(Thursday)                     | 14-02-2022<br>(Monday)                     | 16-02-2022<br>(Wednesday)                                    | 18-02-2022<br>(Friday)                       | 21-02-2022<br>(Monday)   |
| CHEMICAL ENGINEERING<br>(08 - CHEM)                      | PROCESS ENGINEERING ECONOMICS (R32081) | PROCESS DYNAMICS AND CONTROL (R32082)        | BIOCHEMICAL ENGINEERING (R32083)           | MASS TRANSFER OPERATIONS-II (R32084)                         | CHEMICAL REACTION ENGINEERING – II (R32085)  | MANAGEMENT SCIENCE(com to EEE,ECE,CSE,,EIE,,BME ,IT,)            |
| ELECTRONICS AND INSTRUMENTATION ENGINEERING<br>(10- EIE) | DATA ACQUISITION SYSTEMS (R32101)      | BIO-MEDICAL INSTRUMENTATION (R32102)         | ANALYTICAL INSTRUMENTATION (R32103)        | MICROPROCESSORS AND MICROCONTROLLERS (com to ECE,BMI,ECM )   | VLSI DESIGN (Common to ECM)                  | MANAGEMENT SCIENCE(com to EEE,ECE,CSE,CHEM,,BME,IT,)             |
| BIO-MEDICAL ENGINEERING<br>(11 - BME)                    | BIOLOGICAL CONTROL SYSTEMS (R32111)    | LASERS AND FIBRE OPTICS IN MEDICINE (R32112) | BIO MEDICAL SIGNAL PROCESSING (R32113)     | MICRO PROCESSORS AND MICRO CONTROLLERS(com to ECE,ECM,BME)   | MEDICAL IMAGING TECHNIQUES (R32115)          | MANAGEMENT SCIENCE(com to EEE,ECE,CSE,CHEM,EI E,,IT,)            |
| INFORMATION TECHNOLOGY<br>(12 - IT)                      | Advanced COMPUTER NETWORKS (R32051)    | ADVANCED JAVA PROGRAMMING (R32122)           | DESIGN AND ANALYSIS OF ALGORITHMS (R32053) | UNIX PROGRAMMING (R32054)                                    | OBJECT ORIENTED ANALYSIS AND DESIGN (R32125) | MANAGEMENT SCIENCE(com to EEE,ECE,CSE,CHEM,EI E,,BME,,) (R32036) |
| ELECTRONICS AND COMPUTER ENGINEERING<br>(19 - ECC)       | COMPUTER NETWORKS (Common to ECE)      | DATABASE MANAGEMENT SYSTEMS (R32192)         | DIGITAL SIGNAL PROCESSING (Common to ECE)  | MICROPROCESSORS AND MICROCONTROLLERS (Common to ECE,EIE,BME) | VLSI DESIGN (Common to ECE,EIE,)             | OPERATING SYSTEMS (R32196)                                       |

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| BRANCH  | DATE AND DAY   |  |   |  |   |   |
|---|--|--|---|--|---|---|
|   | 08-02-2022<br>(Tuesday)                                | 10-02-2022<br>(Thursday)                             | 14-02-2022<br>(Monday)                                  | 16-02-2022<br>(Wednesday)                                | 18-02-2022<br>(Friday)                                | 21-02-2022<br>(Monday)  |
| AERONUTICAL<br>ENGINEERING<br>(21 - AE)                         | FLIGHT MECHANICS-II<br>(R32211)                        | AEROSPACE VEHICLE<br>STRUCTURES –II<br>(R32212)      | AEROSPACE<br>PROPULSION – II<br>(R32213)                | FLIGHT VEHICLE<br>DESIGN (R32214)                        | SYSTEM MODELING<br>AND SIMULATION<br>(R32215)         | INTRODUCTION TO<br>SPACE TECHNOLOGY<br>(R32216)                           |
| BIO-TECHNOLOGY<br>(23 - BIO)                                    | BIOCHEMICAL<br>REACTION<br>ENGINEERING –II<br>(R32231) | BIOINFORMATICS<br>(R32232)                           | TRANSPORT<br>PHENOMENA IN<br>BIOPROCESSES<br>(R32233)   | INSTRUMENTATION<br>AND<br>BIOPROCESSCONTROL<br>(R32234)  | IMMUNOLOGY<br>(R32235)                                | PROBABILITY AND<br>STATISTICS (R32236)                                    |
| AUTO MOBILE<br>ENGG.<br>(AME-24)                                | MACHINE TOOLS &<br>METROLOGY (R32241)                  | VEHICLE TRANSPORT<br>MANAGEMENT<br>(R32242)          | AUTOMOTIVE<br>ELECTRICAL AND<br>AUTOTRONICS<br>(R32243) | INSTRUMENTATION &<br>CONTROL SYSTEMS<br>(Common with ME) | AUTOMOTIVE<br>CHASSIS &<br>SUSPENSION<br>(R32245)     | PRODUCT DESIGN AND<br>ASSEMBLY<br>AUTOMATION (R32246)                     |
| MINING<br>(26-MM)   | MINE SYSTEMS<br>ENGINEERING (R32261)                   | MINERAL<br>ENGINEERING & FUEL<br>TECHNOLOGY (R32262) | MINE ENVIRONMENT<br>ENGINEERING – II<br>(R32263)        | MINING MACHINERY<br>(R32264)                             | UNDERGROUND<br>METAL MINING<br>TECHNOLOGY<br>(R32265) | INDUSTRIAL<br>MANAGEMENT<br>(R32266)                                      |
| PETROLEUM<br>ENGINEERING/PET<br>ROLEUM<br>TECHNOLOGY<br>(27-PE) | WELL COMPLETIONS<br>& TESTING (R32271)                 | PETROLEUM<br>RESERVOIR<br>ENGINEERING (R32272)       | PETROLEUM<br>PRODUCTION<br>ENGINEERING<br>(R32273)      | NATURAL GAS<br>ENGINEERING (R32274)                      | SURFACE<br>PRODUCTION<br>OPERATIONS<br>(R32275)       | PETROLEUM<br>INDUSTRY:<br>MANAGEMENT,<br>STRATEGY AND<br>FINANCE (R32276) |

**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.



Controller of Examinations

DATE: 24-01-2022



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

**III B TECH - II SEMESTER (R13 REGULATION) SUPPLEMENTARY EXAMINATIONS, FEBRUARY - 2022**

**T I M E T A B L E**

**TIME: 02.00 PM TO 05.00 PM**

| BRANCH  | DATE AND DAY  |   |   |   |   |  |                                  |
|---|---|---|---|---|---|--|----------------------------------|
|   | 08-02-2022<br>(Tuesday)   | 10-02-2022<br>(Thursday)  | 14-02-2022<br>(Monday)                                  | 16-02-2022<br>(Wednesday)   | 18-02-2022<br>(Friday)  | 21-02-2022<br>(Monday)                             | 23-02-2022<br>(Wednesday)        |
| CIVIL ENGINEERING<br>(01- CE)                                   | Environmental<br>Engineering – I<br>RT32011   | Geotechnical<br>Engineering – II<br>RT32012                       | Design and<br>Drawing of Steel<br>Structures<br>RT32013 | Water<br>Resources<br>Engineering-I<br>RT32014                            | Transportation<br>Engineering – II<br>RT32015                 | <b>Open Elective</b>                               | -----                            |
| ELECTRICAL AND<br>ELECTRONICS<br>ENGINEERING<br>(02 - EEE)      | Microprocessors &<br>Microcontrollers<br>RT32021  | Switchgear and<br>Protection<br>RT32022                           | Utilization of<br>Electrical Energy<br>RT32023          | Power System<br>Analysis<br>RT32024                                       | Management<br>Science<br>(comm to EEE<br>and CHEM)<br>RT32025 | Power<br>Semiconductor<br>Drives RT32026           | -----                            |
| MECHANICAL<br>ENGINEERING<br>(03 - ME)                          | Operations<br>Research RT32031  | Interactive<br>Computer<br>Graphics<br>RT32032                    | Design of Machine<br>Members- II<br>RT32033             | Robotics<br>RT32034   | Heat Transfer<br>RT32035                                      | Industrial<br>Engineering<br>Management<br>RT32036 | <b>Departmental<br/>Elective</b> |
| ELECTRONICS<br>&<br>COMMUNICATIONS<br>ENGINEERING<br>(04 - ECE) | Microprocessors<br>and<br>Microcontrollers<br>(Com to ECE,EIE<br>and E.Comp.E)<br>RT32041 | Digital Signal<br>Processing<br>RT32042                           | Digital<br>Communications<br>RT32043                    | Microwave<br>Engineering<br>RT32044                                       | -----   | <b>Open Elective</b>                               | -----                            |
| COMPUTER<br>SCIENCE<br>ENGINEERING<br>(05 - CSE)                | Software<br>Engineering<br>RT32051  | Data Ware<br>Housing and<br>Mining<br>(Comm to<br>CSE,IT) RT32052 | Computer<br>Networks<br>(Comm to CSE,IT)<br>RT32053     | Design and<br>Analysis of<br>Algorithms<br>(Comm to<br>CSE,IT)<br>RT32054 | Web<br>Technologies<br>(Comm to<br>CSE,IT)<br>RT32055         | IPR and Patents<br>(COMM TO CSE,<br>IT, CHEM, PE)  | -----                            |

III B.TECH II SEMESTER (R13)

| BRANCH   | DATE AND DAY  |  |   |  |  |  |                           |
|--|---|--|---|--|--|--|---------------------------|
|  | 08-02-2022<br>(Tuesday)   | 10-02-2022<br>(Thursday)                                 | 14-02-2022<br>(Monday)                        | 16-02-2022<br>(Wednesday)                                  | 18-02-2022<br>(Friday)                               | 21-02-2022<br>(Monday)                                 | 23-02-2022<br>(Wednesday) |
| CHEMICAL ENGINEERING<br>(08 - CHEM)                      | Process Engineering Economics<br>RT32081  | Mass Transfer Operations – II<br>RT32082                 | Chemical Reaction Engineering-II<br>RT32083   | Process Dynamics & Control RT32084                         | Management Science (comm to EEE and CHEM)<br>RT32025 | IPR and Patents (COMM TO CSE, IT, CHEM, PE)<br>RT32056 | -----                     |
| ELECTRONICS AND INSTRUMENTATION ENGINEERING<br>(10- EIE) | Micro Processors and Micro Controllers (Com to ECE,EIE and E.Comp.E)<br>RT32041 | Analytical Instrumentation<br>RT32102                    | Measuring Instruments<br>RT32103              | Process Instrumentation<br>RT32104                         | -----  | <b>Open Elective</b>                                   | -----                     |
| INFORMATION TECHNOLOGY<br>(12 - IT)                      | Software Testing<br>RT32121   | Data Ware Housing and Mining (Comm to CSE,IT)<br>RT32052 | Computer Networks (Comm to CSE,IT)<br>RT32053 | Design and Analysis of Algorithms (Comm to CSE,IT) RT32054 | Web Technologies (Comm to CSE,IT)<br>RT32055         | IPR and Patents (COMM TO CSE, IT, CHEM, PE)<br>RT32056 | -----                     |
| ELECTRONICS AND COMPUTER ENGINEERING<br>(19 - ECC)       | Micro Processors and Micro Controllers (Com to ECE,EIE and E.Comp.E)<br>RT32041 | Data Base Management Systems<br>RT32192                  | Computer Networks<br>RT32193                  | VLSI Design<br>RT32194                                     | Operating Systems<br>RT32195                         | <b>Open Elective</b>                                   | -----                     |
| AERONAUTICAL ENGINEERING<br>(21 - AE)                    | Flight Mechanics –II<br>RT32211   | Aerospace Vehicle Structures –II<br>RT32212              | Aerospace Propulsion – II<br>RT32213          | Flight Vehicle Design RT32214                              | System Modeling And Simulation<br>RT32215            | <b>Departmental Elective</b>                           | -----                     |

III B.TECH II SEMESTER (R13)

| BRANCH                               | DATE AND DAY                                   |  |   |   |   |  |                           |
|--------------------------------------|--|--|---|---|---|--|---------------------------|
|                                      | 08-02-2022<br>(Tuesday)                        | 10-02-2022<br>(Thursday)                         | 14-02-2022<br>(Monday)  | 16-02-2022<br>(Wednesday)                                 | 18-02-2022<br>(Friday)                            | 21-02-2022<br>(Monday)                                 | 23-02-2022<br>(Wednesday) |
| AUTOMOBILE ENGINEERING<br>(AME-24)   | Machine Tools & Metrology<br>RT32241           | Instrumentation & Control Systems<br>RT32242     | Automotive Electrical and Autotronics<br>RT32243                  | Alternative Energy sources for Automobiles<br>RT32244     | Product Design and Assembly Automation<br>RT32245 | <b>Departmental Elective</b>                           | -----                     |
| MINING ENGINEERING<br>(26-MM)        | Mine Systems Engineering<br>RT32261            | Mineral Engineering & Fuel Technology<br>RT32262 | Mine Environmental Engineering-II<br>RT32263                      | Mining Machinery<br>RT32264                               | Under Ground Metal Mining Technology<br>RT32265   | <b>Departmental Elective</b>                           | -----                     |
| PETROLEUM ENGINEERING<br>(27-PE)     | Well Completions<br>RT32271                    | Petroleum Reservoir Engineering – I<br>RT32272   | Petroleum Production Engineering & Design<br>RT32273              | Petroleum Refinery & Petrochemical Engineering<br>RT32274 | Surface Production Operations<br>RT32275          | IPR and Patents (COMM TO CSE, IT, CHEM, PE)<br>RT32056 | -----                     |
| AGRICULTURAL ENGINEERING<br>(35-AGE) | Irrigation and Drainage Engineering<br>RT32351 | Farm Machinery and Equipment – I<br>RT32352      | Design of Soil, Water Conservation and Farm Structures<br>RT32353 | Dairy and Food Engineering<br>RT32354                     | Theory of Structures<br>RT32355                   | <b>Open Elective</b>                                   | -----                     |

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**Controller of Examinations**

**DATE: 24-01-2022**

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

| DATE OF EXAMINATION: 08.02.2022 (Tuesday) |  | TIME OF EXAMINATION: 02.00 PM TO 05.00 PM             |
|---|--|---|
| BRANCH                                    | SUBJECTS ALREADY STUDIED IN BY RE-ADMITTED CANDIDATES AS PER R10 REGULATIONS | RECOMMENDED SUGGESTED SUBJECTS AS PER R13 REGULATIONS |
| Mechanical Engineering                    | Operation Research   | Metrology   |
| Mechanical Engineering                    | ---  | Instrumentation and Control Systems (PT32032)         |
| Computer Science Engineering              | Software Engineering (II-II)   | Opps through C++                                      |
|   |  | Mathematics-III                                       |

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

| DATE OF EXAMINATION: 14.02.2022 (Monday)  |  | TIME OF EXAMINATION: 02.00 PM TO 05.00 PM             |
|---|--|---|
| BRANCH                                    | SUBJECTS ALREADY STUDIED IN BY RE-ADMITTED CANDIDATES AS PER R10 REGULATIONS | RECOMMENDED SUGGESTED SUBJECTS AS PER R13 REGULATIONS |
| Computer Science Engineering              | Computer Networks (III-I)  | Data Communication (III-I) (PT32052)                  |
| Electronics and Communication Engineering | Digital Communications   | Management Science (PT32041)                          |

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

| DATE OF EXAMINATION: 16.02.2022 (Wednesday) |  | TIME OF EXAMINATION: 02.00 PM TO 05.00 PM             |
|---|--|---|
| BRANCH                                      | SUBJECTS ALREADY STUDIED IN BY RE-ADMITTED CANDIDATES AS PER R10 REGULATIONS | RECOMMENDED SUGGESTED SUBJECTS AS PER R13 REGULATIONS |
| Mechanical Engineering                      | -----  | Managerial Economics and Financial Analysis (AT32101) |
|   |  | Industrial Engineering Management (AT32036)           |

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DATE: 24-01-2022

Controller of Examinations

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

| <b>DATE OF EXAMINATION: 23.02.2022 (Wednesday)</b> |   | <b>TIME OF EXAMINATION: 02.00 PM TO 05.00 PM</b>             |
|--|---|--|
| <b>BRANCH</b>                                      | <b>SUBJECTS ALREADY STUDIED IN BY RE-ADMITTED CANDIDATES AS PER R10 REGULATIONS</b> | <b>RECOMMENDED SUGGESTED SUBJECTS AS PER R13 REGULATIONS</b> |
| Computer Science Engineering                       | Software Engineering (II-II)  | Engineering Mechanics (I-I) (PT32051)                        |

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**DATE: 24-01-2022**



**Controller of Examinations**





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B TECH - II SEMESTER (R16 REGULATION) SUPPLEMENTARY EXAMINATIONS, FEBRUARY - 2022**

**T I M E T A B L E**

**TIME: 02.00 PM TO 05.00 PM**

| BRANCH  | DAY AND DATE  |  |   |  |                                       |
|---|---|--|---|--|---------------------------------------|
|   | 08-02-2022<br>(Tuesday)   | 10-02-2022<br>(Thursday)                     | 14-02-2022<br>(Monday)  | 16-02-2022<br>(Wednesday)                | 18-02-2022<br>(Friday)                |
| <b>CIVIL ENGINEERING (01-CE)</b>                            | Design and Drawing of Steel Structures (R1632011)                             | Geotechnical Engineering – I (R1632012)      | Environmental Engineering – I (R1632013)                            | Water Resources Engineering–I (R1632014) | <b>OPEN ELECTIVE:-</b>                |
|   |   |  |   |  | Electronic Instrumentation            |
|   |   |  |   |  | Data Base Management Systems          |
|   |   |  |   |  | Alternative Energy Sources            |
|   |   |  |   |  | Waste water Management                |
|   |   |  |   |  | Fundamentals of Liquefied Natural Gas |
| <b>ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)</b>      | Power Electronic Controllers & Drives (R1632021)                              | Power System Analysis (R1632022)             | Micro Processors and Micro controllers (R1632023)                   | Data Structures (R1632024)               | <b>OPEN ELECTIVE:-</b>                |
|   |   |  |   |  | Unix and Shell Programming            |
|   |   |  |   |  | OOPS Through JAVA                     |
|   |   |  |   |  | VLSI Design                           |
|   |   |  |   |  | Robotics                              |
|   |   |  |   |  | Neural Networks & Fuzzy Logic         |
| <b>MECHANICAL ENGINEERING (03-ME)</b>                       | Metrology (R1632031)  | Instrumentation & Control Systems (R1632032) | Refrigeration & Air-conditioning (R1632033)                         | Heat Transfer - (R1632034)               | <b>OPEN ELECTIVE:-</b>                |
|   |   |  |   |  | Entrepreneurship                      |
|   |   |  |   |  | Data Base Management System           |
|   |   |  |   |  | Waste Water Management                |
|   |   |  |   |  | Computer Graphics                     |
|   |   |  |   |  | Industrial Robotics                   |
| <b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (04-ECE)</b> | Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E) | Micro Wave Engineering (R1632042)            | VLSI Design (R1632043) (Common to EEE- elective, ECE, EIE, E.COM.E) | Digital Signal Processing (R1632044)     | <b>OPEN ELECTIVE:-</b>                |
|   |   |  |   |  | OOPs through Java                     |
|   |   |  |   |  | Data Mining                           |
|   |   |  |   |  | Industrial Robotics                   |
|   |   |  |   |  | Power Electronics                     |
|   |   |  |   |  | Bio-Medical Engineering               |
| Artificial Neural Networks                                  |   |  |   |  |                                       |



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B TECH - II SEMESTER (R16 REGULATION) SUPPLEMENTARY EXAMINATIONS, FEBRUARY - 2022**

**T I M E T A B L E**

**TIME: 02.00 PM TO 05.00 PM**

| BRANCH   | DAY AND DATE  |  |  |   |                                  |
|--|---|--|--|---|----------------------------------|
|  | 08-02-2022<br>(Tuesday)   | 10-02-2022<br>(Thursday)   | 14-02-2022<br>(Monday)   | 16-02-2022<br>(Wednesday)   | 18-02-2022<br>(Friday)           |
| <b>COMPUTER SCIENE<br/>&amp; ENGINEERING<br/>(05-CSE)</b>                | Computer Networks<br>(Common to CSE,<br>IT)(R1632051)                                     | Data Warehousing<br>and Mining<br>(Common to<br>CSE,IT )<br>(R1632052) | Design and Analysis of<br>Algorithms<br>(R1632053)                           | Software Testing<br>Methodologies<br>(Common to CSE. IT)<br>(RT32054) | <b>OPEN ELECTIVE:-</b>           |
|  |   |  |  |   | Artificial Intelligence          |
|  |   |  |  |   | Internet of Things               |
|  |   |  |  |   | Cyber Security                   |
|  |   |  |  |   | Digital Signal Processing        |
|  |   |  |  |   | Embedded Systems                 |
| Robotics   |   |  |  |   |                                  |
| <b>ELECTRONICS AND<br/>INSTRUMENTATIO<br/>N ENGINEERING<br/>(10-EIE)</b> | Micro Processors &<br>Micro Controllers<br>(R1632041)<br>(Common to ECE,<br>EIE, E.COM.E) | Measuring<br>Instruments<br>(R1632102)                                 | VLSI Design (Common<br>to EEE- elective,<br>ECE, EIE, E.COM.E)<br>(R1632043) | Analytical<br>Instrumentation<br>(R1632101)                           | <b>OPEN ELECTIVE:-</b>           |
|  |   |  |  |   | OOPs through Java                |
|  |   |  |  |   | Data Mining                      |
|  |   |  |  |   | Power Electronics                |
|  |   |  |  |   | Bio-Medical Engineering          |
|  |   |  |  |   | Artificial Neural Networks       |
| <b>INFORMATION<br/>TECHNOLOGY<br/>(12-IT)</b>                            | Computer Networks<br>(Common to CSE,<br>IT)(R1632051)                                     | Data Mining<br>(R1632121)  | Web Technologies<br>(R1632122)   | Software Testing<br>Methodologies<br>(Common to CSE. IT)<br>(RT32054) | <b>OPEN ELECTIVE:-</b>           |
|  |   |  |  |   | Artificial Intelligence          |
|  |   |  |  |   | Social Networks and Semantic Web |
|  |   |  |  |   | Digital Signal Processing        |
|  |   |  |  |   | Embedded Systems                 |
|  |   |  |  |   | Robotics                         |
| Operations Research  |   |  |  |   |                                  |



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B TECH - II SEMESTER (R16 REGULATION) SUPPLEMENTARY EXAMINATIONS, FEBRUARY - 2022**

**T I M E T A B L E**

**TIME: 02.00 PM TO 05.00 PM**

| BRANCH   | DAY AND DATE   |  |  |   |                               |
|--|--|--|--|---|-------------------------------|
|  | 08-02-2022<br>(Tuesday)  | 10-02-2022<br>(Thursday)                     | 14-02-2022<br>(Monday)                               | 16-02-2022<br>(Wednesday)                             | 18-02-2022<br>(Friday)        |
| <b>ELECTRONICS AND COMPUTER ENGINEERING (19-ECC)</b> | Micro Processors & Micro Controllers (R1632041)<br>(Common to ECE, EIE, E.COM.E) | Operating System (R1632192)                  | VLSI Design (Common to ECE, EIE, E.COM.E) (R1632043) | Data Base Management Systems (R1632191)               | <b><u>OPEN ELECTIVE:-</u></b> |
|  |  |  |  |   | Data Mining                   |
|  |  |  |  |   | Industrial Robotics           |
|  |  |  |  |   | Bio-Medical Engineering       |
|  |  |  |  |   | Artificial Neural Networks    |
| <b>AERONUTICAL ENGINEERIG (21-AE)</b>                | Aircraft stability and control (R1632211)  | Aircraft Structures –II (R1632212)           | Propulsion – II (R1632213)                           | Finite Element Method (R1632214)                      | <b><u>OPEN ELECTIVE:-</u></b> |
|  |  |  |  |   | Data Base Management System   |
|  |  |  |  |   | Waste Water Management        |
|  |  |  |  |   | Entrepreneurship              |
|  |  |  |  |   | Satellite Technology          |
| <b>AUTO MOBILE ENGINEERING (24-AME)</b>              | Machine Tools & Metrology (R1632241)   | Instrumentation & Control Systems (R1632242) | Automotive Electrical and Electronics (R1632243)     | Alternative Energy Sources for Automobiles (R1632244) | <b><u>OPEN ELECTIVE:-</u></b> |
|  |  |  |  |   | Electronic Instrumentation    |
|  |  |  |  |   | Data Base Management Systems  |
|  |  |  |  |   | Computer Graphics             |
|  |  |  |  |   | Green Engineering Systems     |
| Offroad Vechiles                                     |  |  |  |   |                               |
| Automotive Emissions and Pollution Control           |  |  |  |   |                               |



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| BRANCH  | DAY AND DATE                                       |  |   |   |  |
|---|--|--|---|---|--|
|   | 08-02-2022<br>(Tuesday)                            | 10-02-2022<br>(Thursday)                           | 14-02-2022<br>(Monday)  | 16-02-2022<br>(Wednesday)                                 | 18-02-2022<br>(Friday)                     |
| <b>MINING ENGINEERING (26-MM)</b>                         | Mine Systems Engineering (R1632261)                | Mineral Engineering and Fuel Technology (R1632262) | Mine Environmental Engineering (R1632263)                         | Mining Machinery & Mechanization – II (R1632264)          | <b>OPEN ELECTIVE:-</b>                     |
|   |  |  |   |   | Industrial Robotics                        |
|   |  |  |   |   | Entrepreneurship                           |
|   |  |  |   |   | Quality and Reliability Engineering        |
|   |  |  |   |   | Waste Water Management                     |
|   |  |  |   |   | Rock Excavation Engineering                |
| <b>PETROLEUM ENGINEERING/PETROLEUM TECHNOLOGY (27-PE)</b> | Well Completions, Testing & Servicing - (R1632271) | Petroleum Production Engineering (R1632272)        | Petroleum Reservoir Engineering-I (R1632273)                      | Petroleum Refinery & Petrochemical Engineering (R1632274) | <b>OPEN ELECTIVE:-</b>                     |
|   |  |  |   |   | Electronic Instrumentation                 |
|   |  |  |   |   | Big Data Analytics                         |
|   |  |  |   |   | Alternative Energy Sources for Automobiles |
|   |  |  |   |   | Waste Water Management                     |
|   |  |  |   |   | Fundamentals of Liquefied Natural Gas      |
| <b>AGRICULTURAL ENGINEERING (35-AGE)</b>                  | Irrigation and Drainage Engineering (R1632351)     | Farm Machinery and Equipment – I (R1632352)        | Design of Soil, Water Conservation and Farm Structures (R1632353) | Dairy and Food Engineering (R1632354)                     | <b>OPEN ELECTIVE:-</b>                     |
|   |  |  |   |   | Operations Research                        |
|   |  |  |   |   | Digital Control systems                    |
|   |  |  |   |   | Robotics & Automation                      |
|   |  |  |   |   | Industrial Pollution Control Engineering   |
|   |  |  |   |   | Finite Element Method                      |
| Water Resources System Planning and Management            |  |  |   |   |  |

**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.



III B.TECH II SEMESTER (R16)

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**

UNIVERSITY EXAMINATION CENTER, KAKINADA

**III B TECH - II SEMESTER (R16 REGULATION) SUPPLEMENTARY EXAMINATIONS, FEBRUARY - 2022**

**T I M E T A B L E**

**TIME: 02.00 PM TO 05.00 PM**

| BRANCH | DAY AND DATE            |                          |                        |                           |                        |
|--------|-------------------------|--------------------------|------------------------|---------------------------|------------------------|
|        | 08-02-2022<br>(Tuesday) | 10-02-2022<br>(Thursday) | 14-02-2022<br>(Monday) | 16-02-2022<br>(Wednesday) | 18-02-2022<br>(Friday) |

DATE: 24-01-2022

Controller of Examinations

**TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS**

| DATE OF EXAMINATION: 08-02-2022 (Tuesday) |                         | TIME OF EXAMINATION: 02.00 PM TO 05.00 PM |
|---|-------------------------|---|
| BRANCH                                    | ALREADY STUDIED SUBJECT | SUGGESTED SUBJECT                         |
| MECHANICAL ENGINEERING<br>(03 – ME)       | Metrology               | Design of Machine Members-II (P1632033)   |

**TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS**

| DATE OF EXAMINATION: 10-02-2022 (Thursday)              |                         | TIME OF EXAMINATION: 02.00 PM TO 05.00 PM |
|---|-------------------------|---|
| BRANCH  | ALREADY STUDIED SUBJECT | SUGGESTED SUBJECT                         |
| ELECTRONICS AND COMMUNICATION ENGINEERING<br>(04 – ECE) | ----                    | Applied Chemistry (AR161211)              |

**TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS**

| DATE OF EXAMINATION: 10-02-2022 (Thursday) |                                   | TIME OF EXAMINATION: 02.00 PM TO 05.00 PM |
|--|-----------------------------------|---|
| BRANCH                                     | ALREADY STUDIED SUBJECT           | SUGGESTED SUBJECT                         |
| MECHANICAL ENGINEERING<br>(03 – ME)        | Instrumentation & Control Systems | Operation Research (P1632034)             |

**TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS**

| DATE OF EXAMINATION: 14-02-2022 (Monday)                |                         | TIME OF EXAMINATION: 02.00 PM TO 05.00 PM |
|---|-------------------------|---|
| BRANCH  | ALREADY STUDIED SUBJECT | SUGGESTED SUBJECT                         |
| ELECTRONICS AND COMMUNICATION ENGINEERING<br>(04 – ECE) | ----                    | Data Structures (AR161213)                |

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**Controller of Examinations**

**DATE: 24-01-2022**

**TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS**

| DATE OF EXAMINATION: 21-02-2022 (Monday)                |                                    | TIME OF EXAMINATION: 02.00 PM TO 05.00 PM    |
|---|------------------------------------|--|
| BRANCH  | ALREADY STUDIED SUBJECT            | SUGGESTED SUBJECT                            |
| MECHANICAL ENGINEERING<br>(03 – ME)                     | Professional Ethics & Human Values | Industrial Engineering Management (P1632036) |
| ELECTRONICS AND COMMUNICATION ENGINEERING<br>(04 – ECE) | IPR & Patents                      | Digital Communications (P1632043)            |

**TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS**

| DATE OF EXAMINATION: 18-02-2022 (Friday) |                                    | TIME OF EXAMINATION: 02.00 PM TO 05.00 PM         |
|--|------------------------------------|---|
| BRANCH                                   | ALREADY STUDIED SUBJECT            | SUGGESTED SUBJECT                                 |
| MECHANICAL ENGINEERING<br>(03 – ME)      | Professional Ethics & Human Values | Fluid Mechanics & Hydraulic Machines<br>(PT22034) |


**TIME TABLE OF III B.TECH II SEMESTER SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS FROM R16 REGULATIONS**

| DATE OF EXAMINATION: 21-02-2022 (Monday) |                         | TIME OF EXAMINATION: 02.00 PM TO 05.00 PM  |
|--|-------------------------|--|
| BRANCH                                   | ALREADY STUDIED SUBJECT | SUGGESTED SUBJECT                          |
| CIVIL ENGINEERING<br>(01 – CE)           | --                      | Transportation Engineering - II (P1631015) |

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**DATE: 24-01-2022**

  
**Controller of Examinations**