

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

III YEAR B.TECH-II SEMESTER – R13 REGULATION - SUPPLEMENTARY EXAMINATIONS MARCH/APRIL-2021

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

TIME → FN: 9:45 AM TO 12:45 PM

| COURSE   | 24-03-2021<br>WEDNESDAY         | 26-03-2021<br>FRIDAY                 | 30-03-2021<br>TUESDAY                                | 01-04-2021<br>THURSDAY    | 06-04-2021<br>TUESDAY                         | 08-04-2021<br>THURSDAY                  |
|--|---------------------------------|--------------------------------------|--|---------------------------|---|---|
| <b>CIVIL<br/>ENGINEERING<br/>(01- CE)</b>                                | TRANSPORTATION<br>ENGINEERING-I | STRUCTURAL<br>ANALYSIS-II            | STEEL<br>STRUCTURES<br>DESIGN AND<br>DRAWING         | FOUNDATION<br>ENGINEERING | ENVIRONMENTAL<br>ENGINEERING                  | GROUND IMPROVEMENT<br>TECHNIQUES        |
|  |                                 |                                      |  |                           |   | GROUND WATER HYDROLOGY                  |
|  |                                 |                                      |  |                           |   | PRINCIPLES OF ENTREPRENEURSHIP          |
|  |                                 |                                      |  |                           |   | ELEMENTS OF EARTHQUAKE<br>ENGINEERING   |
|  |                                 |                                      |  |                           |   | ENVIRONMENTAL IMPACT<br>ASSESSMENT      |
| <b>ELECTRICAL<br/>AND<br/>ELECTRONICS<br/>ENGINEERING<br/>(02 - EEE)</b> | ENVIRONMENTAL<br>STUDIES        | COMPUTER METHODS<br>IN POWER SYSTEMS | ELECTRICAL AND<br>ELECTRONICS<br>INSTRUMENTATI<br>ON | STATIC DRIVES             | MICROPROCESSORS<br>AND INTERFACING<br>DEVICES | HUMAN VALUES AND<br>PROFESSIONAL ETHICS |
|  |                                 |                                      |  |                           |   | INTELLECTUAL PROPERTY RIGHTS            |
|  |                                 |                                      |  |                           |   | DISASTER MANAGEMENT                     |

DATE: 15-02-2021

Sd/-  
CONTROLLER OF EXAMINATIONS

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| BRANCH  | DATE & DAY   |                           |                                   |  |   |   |
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|   | 24-03-2021<br>WEDNESDAY                              | 26-03-2021<br>FRIDAY      | 30-03-2021<br>TUESDAY             | 01-04-2021<br>THURSDAY                     | 06-04-2021<br>TUESDAY                     | 08-04-2021<br>THURSDAY                  |
| MECHANICAL<br>ENGINEERING<br>(03 - ME)                          | DESIGN OF<br>MACHINE<br>MEMBERS-II                   | FINITE ELEMENT<br>METHODS | HEAT TRANSFER                     | REFRIGERATION AND<br>AIR CONDITIONING      | AUTOMOBILE<br>ENGINEERING                 | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|   |  |                           |                                   |  |   | INTELLECTUAL PROPERTY RIGHTS            |
|   |  |                           |                                   |  |   | DISASTER MANAGEMENT                     |
| ELECTRONICS<br>&<br>COMMUNICATIONS<br>ENGINEERING<br>(04 - ECE) | MANAGERIAL<br>ECONOMICS AND<br>FINANCIAL<br>ANALYSIS | DIGITAL<br>COMMUNICATIONS | DIGITAL SIGNAL<br>PROCESSING      | MICROPROCESSORS<br>AND<br>MICROCONTROLLERS | VLSI DESIGN                               | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|   |  |                           |                                   |  |   | INTELLECTUAL PROPERTY RIGHTS            |
|   |  |                           |                                   |  |   | DISASTER MANAGEMENT)                    |
| COMPUTER<br>SCIENCE<br>&<br>ENGINEERING<br>(05 - CSE)           | MANAGERIAL<br>ECONOMICS AND<br>FINANCIAL<br>ANALYSIS | WEB TECHNOLOGIES          | SOFTWARE TESTING<br>METHODOLOGIES | INFORMATION<br>SECURITY                    | OBJECT ORIENTED<br>ANALYSIS AND<br>DESIGN | DISTRIBUTED SYSTEMS                     |
|   |  |                           |                                   |  |   | INTRODUCTION TO ANALYTICS               |
|   |  |                           |                                   |  |   | INFORMATION SECURITY<br>MANAGEMENT      |

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| <b>CHEMICAL<br/>ENGINEERING<br/>(08 - CHEM)</b>                               | CHEMICAL<br>ENGINEERING<br>MATHEMATICS | CHEMICAL<br>ENGINEERING<br>PLANT DESIGN AND<br>ECONOMICS | MASS TRANSFER<br>OPERATIONS–II | CHEMICAL REACTION<br>ENGINEERING-II           | ORGANIC<br>CHEMICAL<br>TECHNOLOGY              | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|   |  |  |                                |   |  | DISASTER MANAGEMENT                     |
|   |  |  |                                |   |  | INTELLECTUAL PROPERTY RIGHTS            |
| <b>ELECTRONICS<br/>AND<br/>INSTRUMENTATION<br/>ENGINEERING<br/>(10 - EIE)</b> | PROCESS CONTROL<br>INSTRUMENTATION     | MANAGEMENT<br>SCIENCE                                    | DIGITAL SIGNAL<br>PROCESSING   | MICROPROCESSORS &<br>COMPUTER<br>ORGANIZATION | OBJECT ORIENTED<br>PROGRAMMING<br>THROUGH JAVA | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|   |  |  |                                |   |  | INTELLECTUAL PROPERTY RIGHTS            |
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| <b>BIO -MEDICAL<br/>ENGINEERING<br/>(11 - BME)</b> | BIOMEDICAL<br>EQUIPMENT-II              | BIO FLUIDS AND<br>MECHANICS | BIOLOGICAL<br>CONTROL SYSTEMS     | MICROPROCESSORS<br>AND<br>MICROCONTROLLERS | MEDICAL IMAGE<br>ACQUISITION<br>TECHNIQUES | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|  |   |                             |                                   |  |  | INTELLECTUAL PROPERTY RIGHTS            |
|  |   |                             |                                   |  |  | DISASTER MANAGEMENT                     |
| <b>INFORMATION<br/>TECHNOLOGY<br/>(12 -IT)</b>     | DATA WARE<br>HOUSING AND<br>DATA MINING | WEB TECHNOLOGIES            | SOFTWARE TESTING<br>METHODOLOGIES | CLOUD COMPUTING                            | OBJECT ORIENTED<br>ANALYSIS AND<br>DESIGN  | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|  |   |                             |                                   |  |  | INTELLECTUAL PROPERTY RIGHTS            |
|  |   |                             |                                   |  |  | DISASTER MANAGEMENT                     |
|  |   |                             |                                   |  |  | INTRODUCTION TO ANALYTICS               |
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| <b>MECHATRONICS<br/>(14 - MECT)</b>                                      | MECHANICAL<br>MEASUREMENTS<br>AND CONTROL<br>SYSTEMS | CAD/CAM  | ANALOG AND<br>DIGITAL I.C.<br>APPLICATIONS | INDUSTRIAL<br>MANAGEMENT                       | AUTOMOBILE<br>ENGINEERING | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|  |  |  |  |  |                           | INTELLECTUAL PROPERTY RIGHTS            |
|  |  |  |  |  |                           | DISASTER MANAGEMENT                     |
| <b>ELECTRONICS<br/>AND<br/>TELEMATICS<br/>ENGINEERING<br/>(17 – ETM)</b> | MANAGERIAL<br>ECONOMICS AND<br>FINANCIAL<br>ANALYSIS | TELECOMMUNICATIO<br>N SWITCHING<br>SYSTEMS AND<br>NETWORKS | COMPUTER<br>NETWORKS                       | MICROPROCESSORS<br>AND<br>MICROCONTROLLER<br>S | VLSI DESIGN               | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|  |  |  |  |  |                           | INTELLECTUAL PROPERTY RIGHTS            |
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| METALLURGY<br>AND MATERIAL<br>TECHNOLOGY<br>(18 - MMT)       | MANAGERIAL<br>ECONOMICS AND<br>FINANCIAL<br>ANALYSIS | MECHANICAL<br>WORKING OF<br>METALS | STEEL MAKING          | POWDER<br>METALLURGY                       | FOUNDRY<br>TECHNOLOGY      | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|  |  |                                    |                       |  |                            | INTELLECTUAL PROPERTY RIGHTS            |
|  |  |                                    |                       |  |                            | DISASTER MANAGEMENT                     |
| ELECTRONICS<br>AND COMPUTER<br>ENGINEERING<br>(19 – ECOMP.E) | COMPLIER<br>DESIGN                                   | MANAGEMENT<br>SCIENCE              | DATA<br>COMMUNICATION | MICROPROCESSORS<br>AND<br>MICROCONTROLLERS | MULTIMEDIA<br>TECHNOLOGIES | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|  |  |                                    |                       |  |                            | INTELLECTUAL PROPERTY RIGHTS            |
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| <b>PRODUCTION<br/>ENGINEERING<br/>(MECHANICAL)<br/>(20 – MEP)</b> | DESIGN OF<br>MACHINE<br>MEMBERS-II | FINITE ELEMENT<br>METHODS | HEAT TRANSFER         | INDUSTRIAL<br>MANAGEMENT      | METAL CUTTING<br>AND TOOL DESIGN           | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|   |                                    |                           |                       |                               |  | INTELLECTUAL PROPERTY RIGHTS            |
|   |                                    |                           |                       |                               |  | DISASTER MANAGEMENT                     |
| <b>AERONAUTICAL<br/>ENGINEERING<br/>(21-AE)</b>                   | AERO SPACE<br>PROPULSION-II        | FINITE ELEMENT<br>METHODS | AIRCRAFT SYSTEMS      | COMPUTATIONAL<br>AERODYNAMICS | CONCEPTUAL<br>DESIGN OF FLIGHT<br>VEHICLES | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|   |                                    |                           |                       |                               |  | INTELLECTUAL PROPERTY RIGHTS            |
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| INSTRUMENTATION AND CONTROL ENGINEERING (22-ICE) | PROCESS CONTROL INSTRUMENTATION     | MANAGEMENT SCIENCE   | VIRTUAL INSTRUMENTATION | PROBABILITY AND STATISTICS | VLSI DESIGN                                | HUMAN VALUES AND PROFESSIONAL ETHICS |
|  |                                     |                      |                         |                            |  | INTELLECTUAL PROPERTY RIGHTS         |
|  |                                     |                      |                         |                            |  | DISASTER MANAGEMENT                  |
| BIO-TECHNOLOGY (23-BT)                           | INSTRUMENTATION AND PROCESS CONTROL | PLANT BIO TECHNOLOGY | BIOPROCESS ENGINEERING  | PROBABILITY AND STATISTICS | INDUSTRIAL AND ENVIRONMENTAL BIOTECHNOLOGY | HUMAN VALUES AND PROFESSIONAL ETHICS |
|  |                                     |                      |                         |                            | COMPUTER ORGANIZATION                      | INTELLECTUAL PROPERTY RIGHTS         |
|  |                                     |                      |                         |                            | COMPUTATIONAL BIOLOGY                      | DISASTER MANAGEMENT                  |

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| AUTOMOBILE<br>ENGINEERING<br>(24-AME) | DESIGN OF<br>MACHINE<br>MEMBERS-II | MATHEMATICS-II                          | HEAT TRANSFER            | INDUSTRIAL<br>MANAGEMENT | AUTO MOBILE AIR<br>CONDITIONING           | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|                                       |                                    |   |                          |                          |   | INTELLECTUAL PROPERTY RIGHTS            |
|                                       |                                    |   |                          |                          |   | DISASTER MANAGEMENT                     |
| MINING<br>ENGINEERING<br>(25 – MIE)   | MINE<br>SURVEYING-II               | MINE<br>ENVIRONMENTAL<br>ENGINEERING-II | MINE<br>MECHANISATION-II | INDUSTRIAL<br>MANAGEMENT | UNDERGROUND<br>METAL MINING<br>TECHNOLOGY | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|                                       |                                    |   |                          |                          |   | INTELLECTUAL PROPERTY RIGHTS            |
|                                       |                                    |   |                          |                          |   | DISASTER MANAGEMENT                     |

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| MINING<br>MACHINERY<br>(26-MIM)   | FLUID POWER<br>AND CONTROL                         | BULK SOLIDS<br>HANDLING<br>EQUIPMENT  | INSTRUMENTATION<br>AND CONTROL<br>SYSTEM<br>ENGINEERING | INDUSTRIAL<br>MANAGEMENT         | OPEN CAST<br>DRILLING AND<br>PRODUCTION<br>EQUIPMENT | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|                                   |  |                                       |   |                                  |  | INTELLECTUAL PROPERTY RIGHTS            |
|                                   |  |                                       |   |                                  |  | DISASTER MANAGEMENT                     |
| PETROLEUM<br>ENGG.<br>(27 – PTME) | PETROLEUM<br>PRODUCTION<br>ENGINEERING &<br>DESIGN | PETROLEUM<br>RESERVOIR<br>ENGINEERING | PIPELINE<br>ENGINEERING                                 | SURFACE PRODUCTION<br>OPERATIONS | WELL<br>COMPLETIONS                                  | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|                                   |  |                                       |   |                                  |  | INTELLECTUAL PROPERTY RIGHTS            |
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| CIVIL AND ENVIRONMENTAL ENGINEERING<br>( 28-CEE )   | ENGINEERING GEOLOGY                | STRUCTURAL ANALYSIS-II | STEEL STRUCTURES DESIGN AND DRAWING | FOUNDATION ENGINEERING | WATER RESOURCES ENGINEERING-II | PRINCIPLES OF ENTREPRENEURSHIP       |
|   |                                    |                        |                                     |                        |                                | ENVIRONMENTAL CHEMISTRY              |
|   |                                    |                        |                                     |                        |                                | FUNDAMENTALS OF ECOLOGY              |
|   |                                    |                        |                                     |                        |                                | GROUND WATER HYDROLOGY               |
| MATERIAL SCIENCE AND NANO TECHNOLOGY<br>( 29-MSNT ) | CHARACTERIZATION OF NANO MATERIALS | FINITE ELEMENT METHODS | HEAT TRANSFER                       | INDUSTRIAL MANAGEMENT  | SYNTHESIS OF NANO MATERIALS    | HUMAN VALUES AND PROFESSIONAL ETHICS |
|   |                                    |                        |                                     |                        |                                | INTELLECTUAL PROPERTY RIGHTS         |
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| AGRICULTURE<br>ENGINEERING<br>( 30-ACE )          | DAIRY AND FOOD<br>ENGINEERING           | DESIGN OF SOIL AND<br>WATER<br>CONSERVATION<br>STRUCTURES | IRRIGATION AND<br>DRAINAGE<br>ENGINEERING | THEORY OF<br>STRUCTURES | TRACTOR SYSTEMS<br>AND CONTROL            | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|   |   |   |   |                         |   | INTELLECTUAL PROPERTY RIGHTS            |
|   |   |   |   |                         |   | DISASTER MANAGEMENT                     |
| COMPUTER<br>SCIENCE AND<br>TECHNOLOGY<br>(31-CST) | DATA WARE<br>HOUSING AND<br>DATA MINING | WEB TECHNOLOGIES  | SOFTWARE TESTING<br>METHODOLOGIES         | CLOUD COMPUTING         | OBJECT ORIENTED<br>ANALYSIS AND<br>DESIGN | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
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**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.