

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

**III YEAR B.TECH-II SEMESTER –R15 REGULATION-SUPPLEMENTARY EXAMINATIONS NOVEMBER/DECEMBER- 2018**

T I M E T A B L E

T I M E : 10:00 AM TO 1:00 PM

| COURSE                                                                   | 14-12-2018<br>FRIDAY            | 17-12-2018<br>MONDAY                    | 19-12-2018<br>WEDNESDAY                          | 21-12-2018<br>FRIDAY      | 24-12-2018<br>MONDAY                          | 29-12-2018<br>SATURDAY                  |
|--------------------------------------------------------------------------|---------------------------------|-----------------------------------------|--------------------------------------------------|---------------------------|-----------------------------------------------|-----------------------------------------|
| <b>CIVIL<br/>ENGINEERING<br/>(01- CE)</b>                                | TRANSPORTATION<br>ENGINEERING-I | STRUCTURAL<br>ANALYSIS-II               | STEEL 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<br>METHODS IN<br>POWER SYSTEMS | ELECTRICAL AND<br>ELECTRONICS<br>INSTRUMENTATION | STATIC DRIVES             | MICROPROCESSORS<br>AND INTERFACING<br>DEVICES | HUMAN VALUES AND<br>PROFESSIONAL ETHICS |
|                                                                          |                                 |                                         |                                                  |                           |                                               | INTELLECTUAL PROPERTY RIGHTS            |
|                                                                          |                                 |                                         |                                                  |                           |                                               | DISASTER MANAGEMENT                     |

DATE:08-10-2018

**Sd/-**  
**CONTROLLER OF EXAMINATIONS**

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EXAMINATION BRANCH

**III YEAR B.TECH-II SEMESTER –R15 REGULATION-SUPPLEMENTARY EXAMINATIONS NOVEMBER/DECEMBER- 2018**

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| BRANCH                                                                              | DATE & DAY                                           |                           |                                   |                                            |                                           |                                         |
|-------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------|-----------------------------------|--------------------------------------------|-------------------------------------------|-----------------------------------------|
|                                                                                     | 14-12-2018<br>FRIDAY                                 | 17-12-2018<br>MONDAY      | 19-12-2018<br>WEDNESDAY           | 21-12-2018<br>FRIDAY                       | 24-12-2018<br>MONDAY                      | 29-12-2018<br>SATURDAY                  |
| <b>MECHANICAL<br/>ENGINEERING<br/>(03 - ME)</b>                                     | 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                     |
| <b>ELECTRONICS<br/>&amp;<br/>COMMUNICATIO<br/>NS<br/>ENGINEERING<br/>(04 - ECE)</b> | 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                     |
| <b>COMPUTER<br/>SCIENCE<br/>&amp;<br/>ENGINEERING<br/>(05 - CSE)</b>                | 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                     |
|                                                                                     |                                                      |                           |                                   |                                            |                                           | INTRODUCATION TO ANALYTICS              |
|                                                                                     |                                                      |                           |                                   |                                            |                                           | INFORMATION SECURITY<br>MANAGEMENT      |

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EXAMINATION BRANCH

III YEAR B.TECH-II SEMESTER –R15 REGULATION-SUPPLEMENATARY EXAMINATIONS NOVEMBER/DECEMBER- 2018

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T I M E : 10:00 AM TO 1:00 PM

| BRANCH                                                                 | DATE & DAY                                |                                                          |                                |                                               |                                                |                                         |
|------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------|--------------------------------|-----------------------------------------------|------------------------------------------------|-----------------------------------------|
|                                                                        | 14-12-2018<br>FRIDAY                      | 17-12-2018<br>MONDAY                                     | 19-12-2018<br>WEDNESDAY        | 21-12-2018<br>FRIDAY                          | 24-12-2018<br>MONDAY                           | 29-12-2018<br>SATURDAY                  |
| CHEMICAL<br>ENGINEERING<br>(08 - CHEM)                                 | CHEMICAL<br>ENGINEERING<br>MATHEMATICS    | CHEMICAL<br>ENGINEERING PLANT<br>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            |
| ELECTRONICS<br>AND<br>INSTRUMENT<br>ATION<br>ENGINEERING<br>(10 - EIE) | PROCESS<br>CONTROL<br>INSTRUMENTATI<br>ON | MANAGEMENT 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            |
|                                                                        |                                           |                                                          |                                |                                               |                                                | DISASTER MANAGEMENT                     |

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EXAMINATION BRANCH

III YEAR B.TECH-II SEMESTER –R15 REGULATION-SUPPLEMENTARY EXAMINATIONS NOVEMBER/DECEMBER- 2018

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| BRANCH                                             | DATE & DAY                              |                             |                                   |                                            |                                            |                                         |
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|                                                    | 14-12-2018<br>FRIDAY                    | 17-12-2018<br>MONDAY        | 19-12-2018<br>WEDNESDAY           | 21-12-2018<br>FRIDAY                       | 24-12-2018<br>MONDAY                       | 29-12-2018<br>SATURDAY                  |
| <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               |
|                                                    |                                         |                             |                                   |                                            |                                            | INFORMATION SECURITY<br>MANAGEMENT      |

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KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

III YEAR B.TECH-II SEMESTER –R15 REGULATION-SUPPLEMENTARY EXAMINATIONS NOVEMBER/DECEMBER- 2018

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| BRANCH                                                        | DATE & DAY                                           |                                                            |                                            |                                            |                           |                                         |
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|                                                               | 14-12-2018<br>FRIDAY                                 | 17-12-2018<br>MONDAY                                       | 19-12-2018<br>WEDNESDAY                    | 21-12-2018<br>FRIDAY                       | 24-12-2018<br>MONDAY      | 29-12-2018<br>SATURDAY                  |
| MECHATRONICS<br>(14 - MECT)                                   | 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                     |
| ELECTRONICS<br>AND<br>TELEMATICS<br>ENGINEERING<br>(17 – ETM) | MANAGERIAL<br>ECONOMICS AND<br>FINANCIAL<br>ANALYSIS | TELECOMMUNICATIO<br>N SWITCHING<br>SYSTEMS AND<br>NETWORKS | COMPUTER<br>NETWORKS                       | MICROPROCESSORS<br>AND<br>MICROCONTROLLERS | VLSI DESIGN               | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|                                                               |                                                      |                                                            |                                            |                                            |                           | INTELLECTUAL PROPERTY RIGHTS            |
|                                                               |                                                      |                                                            |                                            |                                            |                           | DISASTER MANAGEMENT                     |

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III YEAR B.TECH-II SEMESTER –R15 REGULATION- SUPPLEMENTARY EXAMINATIONS NOVEMBER/DECEMBER- 2018

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|                                                        | 14-12-2018<br>FRIDAY                                 | 17-12-2018<br>MONDAY               | 19-12-2018<br>WEDNESDAY | 21-12-2018<br>FRIDAY | 24-12-2018<br>MONDAY  | 29-12-2018<br>SATURDAY                  |
| 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                     |

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|                                                               | 14-12-2018<br>FRIDAY                      | 17-12-2018<br>MONDAY      | 19-12-2018<br>WEDNESDAY    | 21-12-2018<br>FRIDAY          | 24-12-2018<br>MONDAY                       | 29-12-2018<br>SATURDAY                                                                         |
| AERONAUTICAL<br>ENGINEERING<br>(21-AE)                        | 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<br>INTELLECTUAL PROPERTY RIGHTS<br>DISASTER MANAGEMENT |
| INSTRUMENTATI<br>ON AND<br>CONTROL<br>ENGINEERING<br>(22-ICE) | PROCESS<br>CONTROL<br>INSTRUMENTATI<br>ON | MANAGEMENT<br>SCIENCE     | VIRTUAL<br>INSTRUMENTATION | PROBABILITY AND<br>STATISTICS | VLSI DESIGN                                | HUMAN VALUES AND PROFESSIONAL<br>ETHICS<br>INTELLECTUAL PROPERTY RIGHTS<br>DISASTER MANAGEMENT |

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|                                       | 14-12-2018<br>FRIDAY               | 17-12-2018<br>MONDAY                    | 19-12-2018<br>WEDNESDAY  | 21-12-2018<br>FRIDAY     | 24-12-2018<br>MONDAY                      | 29-12-2018<br>SATURDAY                  |
| 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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**III YEAR B.TECH-II SEMESTER –R15 REGULATION-SUPPLEMENTARY EXAMINATIONS NOVEMBER/DECEMBER- 2018**

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| BRANCH                                     | DATE & DAY                                         |                                       |                                                         |                                  |                                                      |                                         |
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|                                            | 14-12-2018<br>FRIDAY                               | 17-12-2018<br>MONDAY                  | 19-12-2018<br>WEDNESDAY                                 | 21-12-2018<br>FRIDAY             | 24-12-2018<br>MONDAY                                 | 29-12-2018<br>SATURDAY                  |
| <b>MINING<br/>MACHINERY<br/>(26-MIM)</b>   | 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                     |
| <b>PETROLIUM<br/>ENGG.<br/>(27 – PTME)</b> | 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            |
|                                            |                                                    |                                       |                                                         |                                  |                                                      | DISASTER MANAGEMENT                     |

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KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

**III YEAR B.TECH-II SEMESTER –R15 REGULATION-SUPPLEMENTARY EXAMINATIONS NOVEMBER/DECEMBER- 2018**

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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         |
|                                                   |                                    |                        |                                     |                        |                                | DISASTER MANAGEMENT                  |

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| BRANCH                                 | DATE & DAY                    |                                                           |                                           |                         |                                |                                         |
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|                                        | 14-12-2018<br>FRIDAY          | 17-12-2018<br>MONDAY                                      | 19-12-2018<br>WEDNESDAY                   | 21-12-2018<br>FRIDAY    | 24-12-2018<br>MONDAY           | 29-12-2018<br>SATURDAY                  |
| 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                     |

DATE:08-10-2018

Sd/-  
CONTROLLER OF EXAMINATIONS

**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.

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

**III YEAR B.TECH-II SEMESTER –R13 REGULATION- SUPPLEMENTARY EXAMINATIONS NOVEMBER/DECEMBER-2018**

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

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|--------------------------------------------------------------------------|---------------------------------|-----------------------------------------|--------------------------------------------------|---------------------------|-----------------------------------------------|-----------------------------------------|
| <b>CIVIL<br/>ENGINEERING<br/>(01- CE)</b>                                | TRANSPORTATION<br>ENGINEERING-I | STRUCTURAL<br>ANALYSIS-II               | STEEL 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<br>METHODS IN<br>POWER SYSTEMS | ELECTRICAL AND<br>ELECTRONICS<br>INSTRUMENTATION | STATIC DRIVES             | MICROPROCESSORS<br>AND INTERFACING<br>DEVICES | HUMAN VALUES AND<br>PROFESSIONAL ETHICS |
|                                                                          |                                 |                                         |                                                  |                           |                                               | INTELLECTUAL PROPERTY RIGHTS            |
|                                                                          |                                 |                                         |                                                  |                           |                                               | DISASTER MANAGEMENT                     |

| BRANCH                                                              | DATE & DAY                                           |                           |                                   |                                            |                                           |                                         |
|---------------------------------------------------------------------|------------------------------------------------------|---------------------------|-----------------------------------|--------------------------------------------|-------------------------------------------|-----------------------------------------|
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| 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>COMMUNICATIO<br>NS<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                     |
|                                                                     |                                                      |                           |                                   |                                            |                                           | INTRODUCATION TO ANALYTICS              |
|                                                                     |                                                      |                           |                                   |                                            |                                           | INFORMATION SECURITY<br>MANAGEMENT      |

| BRANCH                                                        | DATE & DAY                       |                                                 |                             |                                         |                                          |                                      |
|---------------------------------------------------------------|----------------------------------|-------------------------------------------------|-----------------------------|-----------------------------------------|------------------------------------------|--------------------------------------|
|                                                               | 14-12-2018<br>FRIDAY             | 17-12-2018<br>MONDAY                            | 19-12-2018<br>WEDNESDAY     | 21-12-2018<br>FRIDAY                    | 24-12-2018<br>MONDAY                     | 29-12-2018<br>SATURDAY               |
| <b>CHEMICAL ENGINEERING (08 - CHEM)</b>                       | CHEMICAL ENGINEERING MATHEMATICS | CHEMICAL ENGINEERING PLANT DESIGN AND ECONOMICS | MASS TRANSFER OPERATIONS-II | CHEMICAL REACTION ENGINEERING-II        | ORGANIC CHEMICAL TECHNOLOGY              | HUMAN VALUES AND PROFESSIONAL ETHICS |
|                                                               |                                  |                                                 |                             |                                         |                                          | DISASTER MANAGEMENT                  |
|                                                               |                                  |                                                 |                             |                                         |                                          | INTELLECTUAL PROPERTY RIGHTS         |
| <b>ELECTRONICS AND INSTRUMENTATION ENGINEERING (10 - EIE)</b> | PROCESS CONTROL INSTRUMENTATION  | MANAGEMENT SCIENCE                              | DIGITAL SIGNAL PROCESSING   | MICROPROCESSORS & COMPUTER ORGANIZATION | OBJECT ORIENTED PROGRAMMING THROUGH JAVA | HUMAN VALUES AND PROFESSIONAL ETHICS |
|                                                               |                                  |                                                 |                             |                                         |                                          | INTELLECTUAL PROPERTY RIGHTS         |
|                                                               |                                  |                                                 |                             |                                         |                                          | DISASTER MANAGEMENT                  |

CONTINUED ON PAGE – 4

| BRANCH                                             | DATE & DAY                              |                             |                                   |                                            |                                            |                                         |
|----------------------------------------------------|-----------------------------------------|-----------------------------|-----------------------------------|--------------------------------------------|--------------------------------------------|-----------------------------------------|
|                                                    | 14-12-2018<br>FRIDAY                    | 17-12-2018<br>MONDAY        | 19-12-2018<br>WEDNESDAY           | 21-12-2018<br>FRIDAY                       | 24-12-2018<br>MONDAY                       | 29-12-2018<br>SATURDAY                  |
| <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               |
|                                                    |                                         |                             |                                   |                                            |                                            | INFORMATION SECURITY<br>MANAGEMENT      |

| BRANCH | DATE & DAY           |                      |                         |                      |                      |                        |
|--------|----------------------|----------------------|-------------------------|----------------------|----------------------|------------------------|
|        | 14-12-2018<br>FRIDAY | 17-12-2018<br>MONDAY | 19-12-2018<br>WEDNESDAY | 21-12-2018<br>FRIDAY | 24-12-2018<br>MONDAY | 29-12-2018<br>SATURDAY |

|                                                                          |                                                      |                                                        |                                            |                                            |                           |                                         |
|--------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------|--------------------------------------------|--------------------------------------------|---------------------------|-----------------------------------------|
| <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 | TELECOMMUNICATION<br>SWITCHING SYSTEMS<br>AND NETWORKS | COMPUTER<br>NETWORKS                       | MICROPROCESSORS<br>AND<br>MICROCONTROLLERS | VLSI DESIGN               | HUMAN VALUES AND PROFESSIONAL<br>ETHICS |
|                                                                          |                                                      |                                                        |                                            |                                            |                           | INTELLECTUAL PROPERTY RIGHTS            |
|                                                                          |                                                      |                                                        |                                            |                                            |                           | DISASTER MANAGEMENT                     |



| BRANCH | DATE & DAY           |                      |                         |                      |                      |                        |
|--------|----------------------|----------------------|-------------------------|----------------------|----------------------|------------------------|
|        | 14-12-2018<br>FRIDAY | 17-12-2018<br>MONDAY | 19-12-2018<br>WEDNESDAY | 21-12-2018<br>FRIDAY | 24-12-2018<br>MONDAY | 29-12-2018<br>SATURDAY |

|                                                            |                                             |                              |                    |                                      |                         |                                      |
|------------------------------------------------------------|---------------------------------------------|------------------------------|--------------------|--------------------------------------|-------------------------|--------------------------------------|
| <b>METALLURGY AND MATERIAL TECHNOLOGY (18 - MMT)</b>       | MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS | MECHANICAL WORKING OF METALS | STEEL MAKING       | POWDER METALLURGY                    | FOUNDRY TECHNOLOGY      | HUMAN VALUES AND PROFESSIONAL ETHICS |
|                                                            |                                             |                              |                    |                                      |                         | INTELLECTUAL PROPERTY RIGHTS         |
|                                                            |                                             |                              |                    |                                      |                         | DISASTER MANAGEMENT                  |
| <b>ELECTRONICS AND COMPUTER ENGINEERING (19 – ECOMP.E)</b> | COMPLIER DESIGN                             | MANAGEMENT SCIENCE           | DATA COMMUNICATION | MICROPROCESSORS AND MICROCONTROLLERS | MULTIMEDIA TECHNOLOGIES | HUMAN VALUES AND PROFESSIONAL ETHICS |
|                                                            |                                             |                              |                    |                                      |                         | INTELLECTUAL PROPERTY RIGHTS         |
|                                                            |                                             |                              |                    |                                      |                         | DISASTER MANAGEMENT                  |

| BRANCH | DATE & DAY           |                      |                         |                      |                      |                        |
|--------|----------------------|----------------------|-------------------------|----------------------|----------------------|------------------------|
|        | 14-12-2018<br>FRIDAY | 17-12-2018<br>MONDAY | 19-12-2018<br>WEDNESDAY | 21-12-2018<br>FRIDAY | 24-12-2018<br>MONDAY | 29-12-2018<br>SATURDAY |

|                                                       |                              |                        |                  |                            |                                      |                                      |
|-------------------------------------------------------|------------------------------|------------------------|------------------|----------------------------|--------------------------------------|--------------------------------------|
| <b>PRODUCTION ENGINEERING (MECHANICAL) (20 – MEP)</b> | DESIGN OF MACHINE MEMBERS-II | FINITE ELEMENT METHODS | HEAT TRANSFER    | INDUSTRIAL MANAGEMENT      | METAL CUTTING AND TOOL DESIGN        | HUMAN VALUES AND PROFESSIONAL ETHICS |
|                                                       |                              |                        |                  |                            |                                      | INTELLECTUAL PROPERTY RIGHTS         |
|                                                       |                              |                        |                  |                            |                                      | DISASTER MANAGEMENT                  |
| <b>AERONAUTICAL ENGINEERING (21-AE)</b>               | AERO SPACE PROPULSION-II     | FINITE ELEMENT METHODS | AIRCRAFT SYSTEMS | COMPUTATIONAL AERODYNAMICS | CONCEPTUAL DESIGN OF FLIGHT VEHICLES | HUMAN VALUES AND PROFESSIONAL ETHICS |
|                                                       |                              |                        |                  |                            |                                      | INTELLECTUAL PROPERTY RIGHTS         |
|                                                       |                              |                        |                  |                            |                                      | DISASTER MANAGEMENT                  |

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| BRANCH | DATE & DAY           |                      |                         |                      |                      |                        |
|--------|----------------------|----------------------|-------------------------|----------------------|----------------------|------------------------|
|        | 14-12-2018<br>FRIDAY | 17-12-2018<br>MONDAY | 19-12-2018<br>WEDNESDAY | 21-12-2018<br>FRIDAY | 24-12-2018<br>MONDAY | 29-12-2018<br>SATURDAY |

|                                                  |                                     |                      |                         |                            |                                            |                                      |
|--------------------------------------------------|-------------------------------------|----------------------|-------------------------|----------------------------|--------------------------------------------|--------------------------------------|
| 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                  |

| BRANCH | DATE & DAY           |                      |                         |                      |                      |                        |
|--------|----------------------|----------------------|-------------------------|----------------------|----------------------|------------------------|
|        | 14-12-2018<br>FRIDAY | 17-12-2018<br>MONDAY | 19-12-2018<br>WEDNESDAY | 21-12-2018<br>FRIDAY | 24-12-2018<br>MONDAY | 29-12-2018<br>SATURDAY |

|                                       |                                    |                                         |                          |                          |                                           |                                         |
|---------------------------------------|------------------------------------|-----------------------------------------|--------------------------|--------------------------|-------------------------------------------|-----------------------------------------|
| 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                     |

| BRANCH | DATE & DAY           |                      |                         |                      |                      |                        |
|--------|----------------------|----------------------|-------------------------|----------------------|----------------------|------------------------|
|        | 14-12-2018<br>FRIDAY | 17-12-2018<br>MONDAY | 19-12-2018<br>WEDNESDAY | 21-12-2018<br>FRIDAY | 24-12-2018<br>MONDAY | 29-12-2018<br>SATURDAY |

|                                    |                                           |                                 |                                                |                               |                                             |                                      |
|------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------|-------------------------------|---------------------------------------------|--------------------------------------|
| <b>MINING MACHINERY (26-MIM)</b>   | FLUID POWER AND CONTROL                   | BULK SOLIDS HANDLING EQUIPMENT  | INSTRUMENTATION AND CONTROL SYSTEM ENGINEERING | INDUSTRIAL MANAGEMENT         | OPEN CAST DRILLING AND PRODUCTION EQUIPMENT | HUMAN VALUES AND PROFESSIONAL ETHICS |
|                                    |                                           |                                 |                                                |                               |                                             | INTELLECTUAL PROPERTY RIGHTS         |
|                                    |                                           |                                 |                                                |                               |                                             | DISASTER MANAGEMENT                  |
| <b>PETROLIUM ENGG. (27 – PTME)</b> | PETROLEUM PRODUCTION ENGINEERING & DESIGN | PETROLEUM RESERVOIR ENGINEERING | PIPELINE ENGINEERING                           | SURFACE PRODUCTION OPERATIONS | WELL COMPLETIONS                            | HUMAN VALUES AND PROFESSIONAL ETHICS |
|                                    |                                           |                                 |                                                |                               |                                             | INTELLECTUAL PROPERTY RIGHTS         |
|                                    |                                           |                                 |                                                |                               |                                             | DISASTER MANAGEMENT                  |

| BRANCH | DATE & DAY           |                      |                         |                      |                      |                        |
|--------|----------------------|----------------------|-------------------------|----------------------|----------------------|------------------------|
|        | 14-12-2018<br>FRIDAY | 17-12-2018<br>MONDAY | 19-12-2018<br>WEDNESDAY | 21-12-2018<br>FRIDAY | 24-12-2018<br>MONDAY | 29-12-2018<br>SATURDAY |

|                                                |                                    |                        |                                     |                        |                                |                                      |
|------------------------------------------------|------------------------------------|------------------------|-------------------------------------|------------------------|--------------------------------|--------------------------------------|
| CIVIL AND ENVIRONMENTAL ENGINEERING (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 (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         |
|                                                |                                    |                        |                                     |                        |                                | DISASTER MANAGEMENT                  |

| BRANCH                                            | DATE & DAY                              |                                                           |                                           |                         |                                           |                                         |
|---------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|-------------------------------------------|-------------------------|-------------------------------------------|-----------------------------------------|
|                                                   | 14-12-2018<br>FRIDAY                    | 17-12-2018<br>MONDAY                                      | 19-12-2018<br>WEDNESDAY                   | 21-12-2018<br>FRIDAY    | 24-12-2018<br>MONDAY                      | 29-12-2018<br>SATURDAY                  |
| 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 |
|                                                   |                                         |                                                           |                                           |                         |                                           | INTELLECTUAL PROPERTY RIGHTS            |
|                                                   |                                         |                                                           |                                           |                         |                                           | DISASTER MANAGEMENT                     |

DATE: 08-10-2018 .

**Sd/-**  
**CONTROLLER OF EXAMINATIONS**

**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.

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

**III YEAR B.TECH-II SEMESTER -R09 REGULATION-SUPPLEMENTARY EXAMINATIONS NOV/DEC-2018**

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

**T I M E : 10:00 AM TO 1:00 PM**

| COURSE                                       | 14-12-2018<br>FRIDAY                | 17-12-2018<br>MONDAY       | 19-12-2018<br>WEDNESDAY            | 21-12-2018<br>FRIDAY               | 22-12-2018<br>SATURDAY<br>2.00 pm to 5.00 pm | 24-12-2018<br>MONDAY                      | 29-12-2018<br>SATURDAY                         |
|----------------------------------------------|-------------------------------------|----------------------------|------------------------------------|------------------------------------|----------------------------------------------|-------------------------------------------|------------------------------------------------|
| CIVIL ENGINEERING-01                         | DESIGN OF STEEL STRUCTURES          | ENVIRONMENTAL ENGINEERING  | WATER RESOURCES ENGINEERING II     | GEOTECHNICAL ENGINEERING II        | ---                                          | TRANSPORTATION ENGINEERING                | INTELLECTUAL PROPERTY RIGHTS                   |
|                                              |                                     |                            |                                    |                                    |                                              |                                           | URBAN DISASTER INTELLIGENT CONTROLS            |
|                                              |                                     |                            |                                    |                                    |                                              |                                           | CONSTRUCTION TECHNOLOGY AND PROJECT MANAGEMENT |
| ELECTRICAL AND ELECTRONICS ENGINEERING-02    | ELECTRICAL MEASUREMENTS             | POWER SEMICONDUCTOR DRIVES | ENVIRONMENTAL STUDIES              | MICROPROCESSORS & MICROCONTROLLERS | --                                           | COMPUTER METHODS IN POWER SYSTEMS         | INTELLECTUAL PROPERTY RIGHTS                   |
|                                              |                                     |                            |                                    |                                    |                                              |                                           | RENEWABLE ENERGY SOURCES                       |
|                                              |                                     |                            |                                    |                                    |                                              |                                           | NANO TECHNOLOGY                                |
| MECHANICAL ENGINEERING-03                    | INDUSTRIAL MANAGEMENT               | FINITE ELEMENT METHODS     | REFRIGERATION AND AIR CONDITIONING | DESIGN OF MACHINE MEMBERS II       | ---                                          | HEAT TRANSFER                             | AUTOMOBILE ENGINEERING                         |
|                                              |                                     |                            |                                    |                                    |                                              |                                           | ENGINEERING OPTIMIZATION                       |
|                                              |                                     |                            |                                    |                                    |                                              |                                           | NANO TECHNOLOGY                                |
| ELECTRONICS AND COMMUNICATION ENGINEERING-04 | DIGITAL COMMUNICATIONS              | DIGITAL SIGNAL PROCESSING  | --                                 | MICROPROCESSORS & MICROCONTROLLERS | ---                                          | MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS | OBJECT ORIENTED PROGRAMMING                    |
|                                              |                                     |                            |                                    |                                    |                                              |                                           | OPERATING SYSTEMS                              |
|                                              |                                     |                            |                                    |                                    |                                              |                                           | NANO TECHNOLOGY                                |
| COMPUTER SCIENCE AND ENGINEERING-05          | OBJECT ORIENTED ANALYSIS AND DESIGN | VLSI DESIGN                | COMPILER DESIGN                    | NETWORK SECURITY                   | ----                                         | MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS | WEB TECHNOLOGIES                               |

**Sd/-**

**DATE:08-10-2018**

**CONTROLLER OF EXAMINATIONS**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

**III YEAR B.TECH-II SEMESTER -R09 REGULATION-SUPPLEMENTARY EXAMINATIONS NOV/DEC-2018**

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

**T I M E : 10:00 AM TO 1:00 PM**

| COURSE                                         | 14-12-2018<br>FRIDAY                | 17-12-2018<br>MONDAY                    | 19-12-2018<br>WEDNESDAY                     | 21-12-2018<br>FRIDAY                 | 22-12-2018<br>SATURDAY<br>2.00 pm to 500 pm | 24-12-2018<br>MONDAY                                                                    | 29-12-2018<br>SATURDAY       |
|------------------------------------------------|-------------------------------------|-----------------------------------------|---------------------------------------------|--------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------|
| CHEMICAL ENGINEERING~08                        | CHEMICAL TECHNOLOGY                 | MASS TRANSFER OPERATIONS II             | CHEMICAL REACTION ENGINEERING II            | CHEMICAL ENGINEERING MATHEMATICS     | --                                          | MATERIAL SCIENCE FOR CHEMICAL ENGINEERING                                               | CORROSION ENGINEERING        |
|                                                |                                     |                                         |                                             |                                      |                                             |                                                                                         | BIOCHEMICAL ENGINEERING      |
|                                                |                                     |                                         |                                             |                                      |                                             |                                                                                         | PLASTICS MATERIALS           |
| ELECTRONICS AND INSTRUMENTATION ENGINEERING~10 | MANAGEMENT SCIENCE                  | INSTRUMENTATION PRACTICES IN INDUSTRIES | PROCESS CONTROL INSTRUMENTATION             | MICROPROCESSORS & MICROCONTROLLERS   | --                                          | --                                                                                      | NANO TECHNOLOGY              |
|                                                |                                     |                                         |                                             |                                      |                                             |                                                                                         | BIOTECHNOLOGY                |
|                                                |                                     |                                         |                                             |                                      |                                             |                                                                                         | COMPUTER ORGANIZATION        |
| BIO-MEDICAL ENGINEERING~11                     | BIOLOGICAL CONTROL SYSTEMS          | BIOMEDICAL SIGNAL PROCESSING            | MEDICAL IMAGING TECHNIQUES                  | BIOMEDICAL EQUIPMENT                 | --                                          | ---                                                                                     | INTELLECTUAL PROPERTY RIGHTS |
|                                                |                                     |                                         |                                             |                                      |                                             |                                                                                         | HOSPITAL SYSTEM MANAGEMENT   |
|                                                |                                     |                                         |                                             |                                      |                                             |                                                                                         | NANO TECHNOLOGY              |
| INFORMATION TECHNOLOGY~12                      | COMPUTER GRAPHICS                   | EMBEDDED SYSTEMS                        | DATA WAREHOUSING AND DATA MINING            | NETWORK SECURITY                     | ---                                         | OPERATIONS RESEARCH<br>COMPUTER FORENSICS<br>INTELLECTUAL PROPERTY RIGHTS AND CYBER LAW | WEB TECHNOLOGIES             |
|                                                |                                     |                                         |                                             |                                      |                                             |                                                                                         | ENGINEERING OPTIMIZATION     |
|                                                |                                     |                                         |                                             |                                      |                                             |                                                                                         | AUTOMOBILE ENGINEERING       |
| MECHANICAL ENGINEERING - MECHATRONICS~14       | INDUSTRIAL MANAGEMENT               | ---                                     | MECHANICAL MEASUREMENTS AND CONTROL SYSTEMS | ANALOG AND DIGITAL I.C. APPLICATIONS | CAD CAM                                     | --                                                                                      | NANO TECHNOLOGY              |
|                                                |                                     |                                         |                                             |                                      |                                             |                                                                                         | OBJECT ORIENTED PROGRAMMING  |
|                                                |                                     |                                         |                                             |                                      |                                             |                                                                                         | OPERATING SYSTEMS            |
| ELECTRONICS AND TELEMATICS ENGINEERING~17      | TELECOMMUNICATION SWITCHING SYSTEMS | COMPUTER NETWORKS                       | --                                          | MICROPROCESSORS & MICROCONTROLLERS   | MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS   | ---                                                                                     | NANO TECHNOLOGY              |
|                                                |                                     |                                         |                                             |                                      |                                             |                                                                                         | OPERATING SYSTEMS            |
|                                                |                                     |                                         |                                             |                                      |                                             |                                                                                         | NANO TECHNOLOGY              |

Sd/-

CONTROLLER OF EXAMINATIONS

DATE:08-10-2018

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

III YEAR B.TECH-II SEMESTER -R09 REGULATION-SUPPLEMENTARY EXAMINATIONS NOV/DEC-2018

T I M E T A B L E

T I M E : 10:00 AM TO 1:00 PM

| COURSE                                     | 14-12-2018<br>FRIDAY         | 17-12-2018<br>MONDAY          | 19-12-2018<br>WEDNESDAY              | 21-12-2018<br>FRIDAY                  | 22-12-2018<br>SATURDAY<br>2.00 pm to 500 pm | 24-12-2018<br>MONDAY                      | 29-12-2018<br>SATURDAY       |
|--------------------------------------------|------------------------------|-------------------------------|--------------------------------------|---------------------------------------|---------------------------------------------|-------------------------------------------|------------------------------|
| METALLURGICAL AND MATERIALS ENGINEERING~18 | MECHANICAL WORKING OF METALS | FOUNDRY TECHNOLOGY            | POWDER METALLURGY                    | OPERATIONS RESEARCH FOR MMT           | PROBABILITY & STATISTICS                    | MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS | INTELLECTUAL PROPERTY RIGHTS |
|                                            |                              |                               |                                      |                                       | CAD CAM                                     |                                           |                              |
| ELECTRONICS AND COMPUTER ENGINEERING~19    | MANAGEMENT SCIENCE           | PRINCIPLES OF COMMUNICATIONS  | DATA WAREHOUSING AND DATA MINING     | MICROPROCESSORS & MICROCONTROLLERS    | --                                          |                                           | INTELLECTUAL PROPERTY RIGHTS |
|                                            |                              |                               |                                      |                                       |                                             |                                           | NANO TECHNOLOGY              |
|                                            |                              |                               |                                      |                                       |                                             |                                           | EMBEDDED SYSTEMS             |
| MECHANICAL ENGINEERING - PRODUCTION~20     | INDUSTRIAL MANAGEMENT        | FINITE ELEMENT METHODS        | TOOLING FOR PRODUCTION               | DESIGN OF MACHINE MEMBERS II          | --                                          | HEAT TRANSFER                             | COMPOSITE MATERIALS          |
|                                            |                              |                               |                                      |                                       |                                             |                                           | ENGINEERING OPTIMIZATION     |
|                                            |                              |                               |                                      |                                       |                                             |                                           | NANO TECHNOLOGY              |
|                                            |                              |                               |                                      |                                       |                                             |                                           |                              |
| AERONAUTICAL ENGINEERING~21                | COMPUTATIONAL AERODYNAMICS   | FINITE ELEMENT METHODS        | CONCEPTUAL DESIGN OF FLIGHT VEHICLES | AEROSPACE PROPULSION II               | PROBABILITY & STATISTICS                    | AIRCRAFT SYSTEMS                          | NANO TECHNOLOGY              |
|                                            |                              |                               |                                      |                                       |                                             |                                           | ENGINEERING OPTIMIZATION     |
|                                            |                              |                               |                                      |                                       |                                             |                                           |                              |
| INSTRUMENTATION AND CONTROL ENGINEERING~22 | MANAGEMENT SCIENCE           | ANALYTICAL INSTRUMENTATION    | PROCESS CONTROL INSTRUMENTATION      | MICROPROCESSORS & MICROCONTROLLERS    | ----                                        | ----                                      | COMPUTER ORGANIZATION        |
|                                            |                              |                               |                                      |                                       |                                             |                                           | NANO TECHNOLOGY              |
|                                            |                              |                               |                                      |                                       |                                             |                                           | BIOTECHNOLOGY                |
| BIO-TECHNOLOGY~23                          | PLANT BIOTECHNOLOGY          | HEAT TRANSFER IN BIOPROCESSES | INSTRUMENTATION AND PROCESS CONTROL  | IMMUNOLOGY                            | PROBABILITY & STATISTICS                    | ----                                      | COMPUTER ORGANIZATION        |
|                                            |                              |                               |                                      |                                       |                                             |                                           | ARTIFICIAL NEURAL NETWORKS   |
|                                            |                              |                               |                                      |                                       |                                             |                                           | BIOINFORMATICS               |
| AUTOMOBILE ENGINEERING~24                  | INDUSTRIAL MANAGEMENT        | AUTO AIR CONDITIONING         | NUMERICAL METHODS                    | AUTOMOTIVE ELECTRICAL AND AUTOTRONICS | ----                                        | HEAT TRANSFER                             | NANO TECHNOLOGY              |
|                                            |                              |                               |                                      |                                       |                                             |                                           | ENGINEERING OPTIMIZATION     |
|                                            |                              |                               |                                      |                                       |                                             |                                           | ROBOTICS                     |

Sd/-

CONTROLLER OF EXAMINATIONS

DATE:08-10-2018

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

E X A M I N A T I O N B R A N C H

**III YEAR B.TECH-II SEMESTER -R09 REGULATION-SUPPLEMENTARY EXAMINATIONS NOV/DEC-2018**

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

**T I M E : 10:00 AM TO 1:00 PM**

| COURSE                                  | 14-12-2018<br>FRIDAY                | 17-12-2018<br>MONDAY        | 19-12-2018<br>WEDNESDAY                          | 21-12-2018<br>FRIDAY                           | 22-12-2018<br>SATURDAY<br>2.00 pm to 500 pm | 24-12-2018<br>MONDAY           | 29-12-2018<br>SATURDAY                         |
|-----------------------------------------|-------------------------------------|-----------------------------|--------------------------------------------------|------------------------------------------------|---------------------------------------------|--------------------------------|------------------------------------------------|
| MINING ENGINEERING~25                   | INDUSTRIAL MANAGEMENT               | MINE SURVEYING II           | UNDERGROUND METAL MINING TECHNOLOGY              | MINE ENVIRONMENTAL ENGINEERING II              | ----                                        | MINE MECHANISATION II          | MINE ECONOMICS                                 |
| MINING MACHINERY~26                     | INDUSTRIAL MANAGEMENT               | FLUID POWER AND CONTROL     | OPEN CAST DRILLING AND PRODUCTION EQUIPMENT      | INSTRUMENTATION AND CONTROL SYSTEM ENGINEERING | ----                                        | BULK SOLIDS HANDLING EQUIPMENT | MECHANTRONICS                                  |
| PETROLEUM~27                            | WELL COMPLETIONS AND TESTING        | RESERVOIR ENGINEERING       | PETROLEUM PRODUCTION ENGINEERING                 | NATURAL GAS ENGINEERING                        | ----                                        | SURFACE PRODUCTION OPERATIONS  | NATURAL GAS PROCESSING                         |
|                                         |                                     |                             |                                                  |                                                |                                             |                                | MASS TRANSFER OPERATION                        |
|                                         |                                     |                             |                                                  |                                                |                                             |                                | COAL BED METHANE HYDRATES                      |
| CIVIL AND ENVIRONMENTAL ENGINEERING~28  | DESIGN OF STEEL STRUCTURES          | ENGINEERING GEOLOGY         | WATER RESOURCES ENGINEERING II                   | GEOTECHNICAL ENGINEERING II                    | ----                                        | TRANSPORTATION ENGINEERING     | INTELLECTUAL PROPERTY RIGHTS                   |
|                                         |                                     |                             |                                                  |                                                |                                             |                                | CONSTRUCTION TECHNOLOGY AND PROJECT MANAGEMENT |
|                                         |                                     |                             |                                                  |                                                |                                             |                                | URBAN DISASTER INTELLIGENT CONTROL SYSTEMS     |
| MATERIAL SCIENCE AND NANO TECHNOLOGY~29 | INDUSTRIAL MANAGEMENT               | FINITE ELEMENT METHODS      | MACHINE DESIGN                                   | CHARACTERIZATION TECHNIQUE OF NANO MATERIALS   | ---                                         | HEAT TRANSFER                  | ROBOTICS                                       |
|                                         |                                     |                             |                                                  |                                                |                                             |                                | CNC TECHNOLOGY                                 |
|                                         |                                     |                             |                                                  |                                                |                                             |                                | AUTOMOBILE ENGINEERING                         |
| AGRICULTURE ENGINEERING~30              | IRRIGATION AND DRAINAGE ENGINEERING | TRACTOR SYSTEMS AND CONTROL | DESIGN OF SOIL AND WATER CONSERVATION STRUCTURES | DAIRY AND FOOD ENGINEERING                     | ---                                         | THEORY OF STRUCTURES           | INTELLECTUAL PROPERTY RIGHTS                   |
|                                         |                                     |                             |                                                  |                                                |                                             |                                | OPERATIONS RESEARCH                            |
|                                         |                                     |                             |                                                  |                                                |                                             |                                | DESIGN OF TRACTORS                             |

**Sd/-**

**DATE:08-10-2018**

**CONTROLLER OF EXAMINATIONS**

NOTE: (I). ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATE  
(II). EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES.THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

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EXAMINATION BRANCH

III YEAR B.TECH.-II SEMESTER -R13 REGULATION- SUPPLEMENTARY EXAMINATIONS NOVEMBER/DECEMBER -2018

TIME TABLE FOR SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS

T I M E T A B L E

| <i>BRANCH</i>        | 18-12-2018<br>TUESDAY 2:00 PM TO 5:00 PM | 19-12-2018<br>WEDNESDAY 2:00 PM TO 5:00 PM |
|----------------------|------------------------------------------|--------------------------------------------|
| CIVIL ENGINEERING-01 | GROUND IMPROVEMENT TECHNIQUES(R13)       | DISASTER MANAGEMENT(R13)                   |

DATE: 08-10-2018

Sd/-  
CONTROLLER OF EXAMINATION

- (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