

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

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

**II B.TECH - II SEMESTER (R13 REGULATIONS) SUPPLEMENTARY EXAMINATIONS, NOVEMBER – 2017**

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

**TIME : 2.00 PM TO 05.00 PM**

| BRANCH                                                             | DATE AND DAY                                                   |                                                                   |                                                                  |                                                              |                                                       |                                           |
|--------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------|
|                                                                    | 13.11.2017<br>(Monday)                                         | 14.11.2017<br>(Tuesday)                                           | 15.11.2017<br>(Wednesday)                                        | 16.11.2017<br>(Thursday)                                     | 17.11.2017<br>(Friday)                                | 18.11.2017<br>(Saturday)                  |
| <b>CIVIL ENGINEERING<br/>(01- CE)</b>                              | BUILDING PLANNING AND DRAWING                                  | HYDRAULICS AND HYDRAULIC MACHINERY                                | MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS<br>(Com. to CE, EIE) | CONCRETE TECHNOLOGY                                          | STRUCTURAL ANALYSIS - I                               | STRENGTH OF MATERIALS- II                 |
| <b>ELECTRICAL AND ELECTRONICS ENGINEERING<br/>(02 - EEE)</b>       | ENVIRONMENTAL STUDIES                                          | SWITCHING THEORY AND LOGIC DESIGN<br>(Com. to EEE, ECE, EIE, ECC) | PULSE AND DIGITAL CIRCUITS<br>(Com. to EEE, ECC)                 | POWER SYSTEMS-I                                              | CONTROL SYSTEMS                                       | ELECTRICAL MACHINES-II                    |
| <b>MECHANICAL ENGINEERING<br/>(03 - ME)</b>                        | KINEMATICS OF MACHINERY (Com. to ME, AME, MM)                  | THERMAL ENGINEERING –I                                            | PRODUCTION TECHNOLOGY<br>(Com. to ME, AME)                       | FLUID MECHANICS AND HYDRAULIC MACHINERY<br>(Com. to ME, AME) | -----                                                 | MACHINE DRAWING<br>(Com. to ME, AME,MM)   |
| <b>ELECTRONICS &amp; COMMUNICATIONS ENGINEERING<br/>(04 - ECE)</b> | ELECTRONIC CIRCUIT ANALYSIS<br>(Com. to ECE, EIE)              | SWITCHING THEORY AND LOGIC DESIGN<br>(Com. to EEE, ECE, EIE, ECC) | ANALOG COMMUNICATIONS                                            | MANAGEMENT SCIENCE                                           | EM WAVES AND TRANSMISSION LINES<br>(Com. to ECE, EIE) | RANDOM VARIABLES AND STOCHASTIC PROCESSES |
| <b>COMPUTER SCIENCE &amp; ENGINEERING<br/>(05 - CSE)</b>           | PROBABILITY AND STATISTICS<br>(Com. to CSE, IT, CHEM, PE, PCE) | JAVA PROGRAMMING<br>(Com. to CSE, IT)                             | ADVANCED DATA STRUCTURES<br>(Com. to CSE, IT)                    | COMPUTER ORGANIZATION<br>(Com. to CSE, IT, ECC)              | FORMAL LANGUAGES AND AUTOMATA THEORY                  | -----                                     |

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

| BRANCH                                                             | DATE AND DAY                                                   |                                                                                             |                                                                  |                                                                   |                                                                     |                                                   |
|--------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------|
|                                                                    | 13.11.2017<br>(Monday)                                         | 14.11.2017<br>(Tuesday)                                                                     | 15.11.2017<br>(Wednesday)                                        | 16.11.2017<br>(Thursday)                                          | 17.11.2017<br>(Friday)                                              | 18.11.2017<br>(Saturday)                          |
| <b>CHEMICAL ENGINEERING<br/>(08 - CHEM)</b>                        | PROBABILITY AND STATISTICS<br>(Com. to CSE, IT, CHEM, PE, PCE) | MATERIALS SCIENCE & ENGINEERING / METALLURGY & MATERIALS SCIENCE<br>(Com. to CHEM, PE, PCE) | MECHANICAL UNIT OPERATIONS<br>(Com. to CHEM, PCE)                | CHEMICAL ENGINEERING THERMODYNAMICS-I<br>(Com. to CHEM, PCE)      | INORGANIC CHEMICAL TECHNOLOGY                                       | MOMENTUM TRANSFER<br>(Com. to CHEM, PE, PCE)      |
| <b>ELECTRONICS &amp; INSTRUMENTATION ENGINEERING<br/>(10- EIE)</b> | ELECTRONIC CIRCUIT ANALYSIS<br>(Com. to ECE, EIE)              | SWITCHING THEORY AND LOGIC DESIGN<br>(Com. to EEE, ECE, EIE, ECC)                           | MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS<br>(Com. to CE, EIE) | SIGNAL CONDITIONING                                               | ELECTRO MAGNETIC WAVES AND TRANSMISSION LINES<br>(Com. to ECE, EIE) | PRINCIPLES OF COMMUNICATION<br>(Com. to EIE, ECC) |
| <b>INFORMATION TECHNOLOGY<br/>(12 - IT)</b>                        | PROBABILITY AND STATISTICS<br>(Com. to CSE, IT, CHEM, PE, PCE) | JAVA PROGRAMMING<br>(Com. to CSE, IT)                                                       | ADVANCED DATA STRUCTURES<br>(Com. to CSE, IT)                    | COMPUTER ORGANIZATION<br>(Com. to CSE, IT, ECC)                   | LANGUAGE PROCESSORS                                                 | -----                                             |
| <b>ELECTRONICS AND COMPUTER ENGINEERING<br/>(19 - ECC)</b>         | SOFTWARE ENGINEERING                                           | SWITCHING THEORY AND LOGIC DESIGN<br>(Com. to EEE, ECE, EIE, ECC)                           | PULSE AND DIGITAL CIRCUITS<br>(Com. to EEE, ECC)                 | COMPUTER ORGANIZATION<br>(Com. to CSE, IT, ECC)                   | OBJECT ORIENTED PROGRAMMING                                         | PRINCIPLES OF COMMUNICATION<br>(Com. to EIE, ECC) |
| <b>AERONUTICAL ENGINEERING<br/>(21 - AE)</b>                       | AIRCRAFT ENGINEERING DRAWING                                   | IC ENGINES AND GAS TURBINES                                                                 | CONTROL SYSTEMS                                                  | BASIC ELECTRICAL AND ELECTRONICS ENGINEERING<br>(Com. to AE, MET) | AIRCRAFT PRODUCTION TECHNOLOGY                                      | AERODYNAMICS -I                                   |

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| BRANCH                                        | DATE AND DAY                                                   |                                                                                             |                                                   |                                                              |                                            |                                              |
|-----------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------|--------------------------------------------|----------------------------------------------|
|                                               | 13.11.2017<br>(Monday)                                         | 14.11.2017<br>(Tuesday)                                                                     | 15.11.2017<br>(Wednesday)                         | 16.11.2017<br>(Thursday)                                     | 17.11.2017<br>(Friday)                     | 18.11.2017<br>(Saturday)                     |
| <b>BIO-TECHNOLOGY<br/>(23 - BIO)</b>          | HEAT TRANSFER IN BIOPROCESS                                    | PROCESS ENGINEERING PRINCIPLES                                                              | INSTRUMENTAL METHODS OF ANALYSIS                  | MOLECULAR BIOLOGY                                            | ENVIRONMENTAL BIOTECHNOLOGY                | BIOPROCESS ENGINEERING                       |
| <b>AUTO MOBILE ENGG.<br/>(AME-24)</b>         | KINEMATICS OF MACHINERY<br>(Com. to ME, AME, MM)               | THERMAL ENGINEERING                                                                         | PRODUCTION TECHNOLOGY<br>(Com. to ME, AME)        | FLUID MECHANICS AND HYDRAULIC MACHINERY<br>(Com. to ME, AME) | INDUSTRIAL ENGG. AND MANAGEMENT            | MACHINE DRAWING<br>(Com. to ME, AME, MM)     |
| <b>MINING –<br/>(26-MM)</b>                   | KINEMATICS OF MACHINERY (Com. to ME, AME, MM)                  | MATERIAL ENGINEERING                                                                        | SURFACE MINING                                    | MINE SURVEYING -I                                            | MINING GEOLOGY - II                        | MACHINE DRAWING (Com. to ME, AME, MM)        |
| <b>PETROLEUM ENGINEERING<br/>(27-PE)</b>      | PROBABILITY AND STATISTICS<br>(Com. to CSE, IT, CHEM, PE, PCE) | MATERIALS SCIENCE & ENGINEERING / METALLURGY & MATERIALS SCIENCE<br>(Com. to CHEM, PE, PCE) | THERMODYNAMICS FOR PETROLEUM ENGINEERS            | PETROLEUM GEOLOGY                                            | PROCESS HEAT TRANSFER<br>(Com. to PE, PCE) | MOMENTUM TRANSFER<br>(Com. to CHEM, PE, PCE) |
| <b>PETROCHEMICAL ENGINEERING<br/>(28-PCE)</b> | PROBABILITY AND STATISTICS<br>(Com. to CSE, IT, CHEM, PE, PCE) | MATERIALS SCIENCE & ENGINEERING / METALLURGY & MATERIALS SCIENCE<br>(Com. to CHEM, PE, PCE) | MECHANICAL UNIT OPERATIONS<br>(Com. to CHEM, PCE) | CHEMICAL ENGINEERING THERMODYNAMICS-I<br>(Com. to CHEM, PCE) | PROCESS HEAT TRANSFER<br>(Com. to PE, PCE) | MOMENTUM TRANSFER<br>(Com. to CHEM, PE, PCE) |
| <b>METALLURGICAL ENGINEERING<br/>(17-MET)</b> | MINERAL DRESSING                                               | INSTRUMENTATION                                                                             | METALLURGICAL ANALYSIS                            | BASIC ELECTRICAL AND ELECTRONICS ENGG<br>(Com. to AE, MET)   | PRINCIPLES OF EXTRACTIVE METALLURGY        | METALLURGICAL THERMODYNAMICS                 |
| <b>AGRICULTURAL ENGINEERING<br/>(35-AGE)</b>  | HEAT AND MASS TRANSFER                                         | THEORY OF MACHINES                                                                          | FARM POWER AND TRACTOR SYSTEMS                    | SURFACE WATER HYDROLOGY                                      | SOIL MECHANICS                             | PRINCIPLE OF SOIL SCIENCES AND AGRONOMY      |

**NOTE:**

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

THE

*N. Mohan Rao*

**DATE: 20-10-2017**

**Controller of Examinations**

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

|                                                 |                                                  |
|-------------------------------------------------|--------------------------------------------------|
| <b>DATE OF EXAMINATION: 13-11-2017 (Monday)</b> | <b>TIME OF EXAMINATION: 02.00 PM TO 05.00 PM</b> |
|-------------------------------------------------|--------------------------------------------------|

| <b>BRANCH</b>                                      | <b>NAME OF THE SUBJECTS ALREADY STUDIED IN THE PRESENT SEMESTER</b> | <b>SUGGESTED SUBJECTS FOR PRESENT SEMESTER</b>                          |
|----------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------|
| ELECTRICAL & ELECTRONICS ENGINEERING<br>(02 - EEE) | ENVIRONMENTAL STUDIES                                               | ELECTRICAL CIRCUIT ANALYSIS - I<br>READMITTED IN II B.TECH I SEMESTER   |
|                                                    |                                                                     | ELECTRICAL CIRCUIT ANALYSIS - II<br>READMITTED IN II B.TECH II SEMESTER |
| COMPUTER SCIENCE AND ENGINEERING<br>(05 - CSE)     | PROBABILITY AND STATISTICS                                          | OBJECT ORIENTED PROGRAMMING THROUGH C++                                 |
| INFORMATION TECHNOLOGY<br>(12 - IT)                | PROBABILITY AND STATISTICS                                          | OBJECT ORIENTED PROGRAMMING THROUGH C++                                 |

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- iii. THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUDED IN THE ABOVE LIST IMMEDIATELY.
- iv.

**DATE: 20-10-2017**

*N. Mohan Rao*

**Controller of Examinations**

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

|                                                   |                                                  |
|---------------------------------------------------|--------------------------------------------------|
| <b>DATE OF EXAMINATION: 16-11-2017 (Thursday)</b> | <b>TIME OF EXAMINATION: 02.00 PM TO 05.00 PM</b> |
|---------------------------------------------------|--------------------------------------------------|

| <b>BRANCH</b>                       | <b>NAME OF THE SUBJECTS ALREADY STUDIED IN THE PRESENT SEMESTER</b> | <b>SUGGESTED SUBJECTS FOR PRESENT SEMESTER</b> |
|-------------------------------------|---------------------------------------------------------------------|------------------------------------------------|
| MECHANICAL ENGINEERING<br>(03 - ME) | FLUID MECHANICS AND HYDRAULIC MACHINE TOOLS                         | MECHANICS OF SOLIDS                            |

|                                                   |                                                  |
|---------------------------------------------------|--------------------------------------------------|
| <b>DATE OF EXAMINATION: 18-11-2017 (Saturday)</b> | <b>TIME OF EXAMINATION: 02.00 PM TO 05.00 PM</b> |
|---------------------------------------------------|--------------------------------------------------|

| <b>BRANCH</b>                                           | <b>NAME OF THE SUBJECTS ALREADY STUDIED IN THE PRESENT SEMESTER</b> | <b>SUGGESTED SUBJECTS FOR PRESENT SEMESTER</b> |
|---------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------|
| ELECTRONICS AND COMMUNICATION ENGINEERING<br>(04 - ECE) | RANDOM VARIABLES AND STOCHASTIC PROCESS                             | DATA STRUCTURES                                |

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ABOVE

*N. Mohan Rao*

**DATE: 20-10-2017**

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