

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD – 500085

EXAMINATION BRANCH

**IV YEAR B.TECH – I SEMESTER– R22 REGULATION REGULAR EXAMINATIONS DECEMBER-2025**

**TIME TABLE**

**T I M E→FN: 10:00 AM TO 1:00 PM**

| BRANCH                              | 03-12-2025<br>WEDNESDAY | 05-12-2025<br>FRIDAY           | 09-12-2025<br>TUESDAY                    | 11-12-2025<br>THURSDAY              | 15-12-2025<br>MONDAY | 17-12-2025<br>WEDNESDAY                    | 19-12-2025<br>FRIDAY |  |  |
|-------------------------------------|-------------------------|--------------------------------|------------------------------------------|-------------------------------------|----------------------|--------------------------------------------|----------------------|--|--|
| CIVIL<br>ENGINEERING<br><br>(01-CE) | PROJECT<br>MANAGEMENT   | QUANTITY SURVEY<br>& VALUATION | E2                                       | E3                                  | OE2                  | E4                                         | ---                  |  |  |
|                                     |                         |                                | ADVANCED<br>STRUCTURAL<br>ANALYSIS       | STABILITY<br>ANALYSIS OF SLOPES     |                      | ADVANCED WATER<br>RESOURCES<br>ENGINEERING |                      |  |  |
|                                     |                         |                                | ELEMENTS OF<br>EARTHQUAKE<br>ENGINEERING | EARTH RETAINING<br>STRUCTURES       |                      | DESIGN OF<br>HYDRAULIC<br>STRUCTURES       |                      |  |  |
|                                     |                         |                                | PRESTRESSED<br>CONCRETE                  | GROUND<br>IMPROVEMENT<br>TECHNIQUES |                      | GROUND WATER<br>HYDROLOGY                  |                      |  |  |
|                                     |                         |                                |                                          |                                     |                      |                                            |                      |  |  |

**Date: 15-11-2025**

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|-----------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------|----------------------------------------|----------------------------------|----------------------|--------------------------|----------------------|
| ELECTRICAL<br>AND<br>ELECTRONICS<br>ENGINEERING<br><br>(02-EEE) | FUNDAMENTALS<br>OF MANAGEMENT<br>FOR ENGINEERS | POWER ELECTRONIC<br>APPLICATIONS TO<br>RENEWABLE<br>ENERGY SYSTEMS | E3                                     | E4                               | OE2                  | ---                      | ---                  |
|                                                                 |                                                |                                                                    | ELECTRIC AND HYBRID<br>VEHICLES        | POWER SYSTEM<br>RELIABILITY      |                      |                          |                      |
|                                                                 |                                                |                                                                    | MOBILE APPLICATION<br>DEVELOPMENT      | EMBEDDED SYSTEMS<br>APPLICATIONS |                      |                          |                      |
|                                                                 |                                                |                                                                    | SIGNALS AND SYSTEMS                    | HVDC TRANSMISSION                |                      |                          |                      |
| MECHANICAL<br>ENGINEERING<br><br>(03-ME)                        | REFRIGERATION &<br>AIR<br>CONDITIONING         | E2                                                                 | E3                                     | E4                               | OE2                  | INDUSTRIAL<br>MANAGEMENT | ---                  |
|                                                                 |                                                | ADDITIVE<br>MANUFACTURING                                          | SOLAR ENERGY<br>TECHNOLOGY             | TURBO MACHINERY                  |                      |                          |                      |
|                                                                 |                                                |                                                                    | POWER PLANT<br>ENGINEERING             |                                  |                      |                          |                      |
|                                                                 |                                                |                                                                    | NON-<br>CONVENTIONAL<br>ENERGY SOURCES |                                  |                      |                          |                      |
|                                                                 |                                                | ARTIFICIAL<br>INTELLIGENCE IN<br>MECHANICAL<br>ENGINEERING         | AUTOMOBILE<br>ENGINEERING              | RE-ENGINEERING                   |                      |                          |                      |
|                                                                 |                                                | AUTOMATION IN<br>MANUFACTURING                                     |                                        | FLUID POWER SYSTEM               |                      |                          |                      |
|                                                                 |                                                | MECHATRONICS                                                       |                                        | COMPUTATIONAL FLUID<br>DYNAMICS  |                      |                          |                      |

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|--------------------------------------------------------------------|------------------------------------------------|-------------------------------------------|--------------------------|---------------------------------------------|----------------------|-------------------------------|----------------------|
| ELECTRONICS<br>AND<br>COMMUNICATION<br>ENGINEERING<br><br>(04-ECE) | MICROWAVE<br>AND OPTICAL<br>COMMUNICATIO<br>NS | PROFESSIONAL<br>PRACTICE, LAW<br>& ETHICS | E3                       | E4                                          | OE2                  | E3                            | --                   |
|                                                                    |                                                |                                           | RADAR SYSTEMS            | SATELLITE<br>COMMUNICATIONS                 |                      | ARTIFICIAL NEURAL<br>NETWORKS |                      |
|                                                                    |                                                |                                           | CMOS ANALOG IC<br>DESIGN | NETWORK SECURITY<br>AND CRYPTOGRAPHY        |                      |                               |                      |
|                                                                    |                                                |                                           |                          | BIOMEDICAL<br>INSTRUMENTATION               |                      |                               |                      |
| COMPUTER<br>SCIENCE AND<br>ENGINEERIN<br>G<br><br>(05-CSE)         | CRYPTOGRAP<br>HY &<br>NETWORK<br>SECURITY      | COMPILER<br>DESIGN                        | E4                       | E5                                          | OE2                  | E4                            | ---                  |
|                                                                    |                                                |                                           | GRAPH THEORY             | ADVANCED<br>ALGORITHMS                      |                      | AD-HOC & SENSOR<br>NETWORKS   |                      |
|                                                                    |                                                |                                           | CLOUD<br>COMPUTING       | SOFTWARE PROCESS<br>& PROJECT<br>MANAGEMENT |                      |                               |                      |
|                                                                    |                                                |                                           | CYBER SECURITY           | ROBOTIC PROCESS<br>AUTOMATION               |                      |                               |                      |
|                                                                    |                                                |                                           |                          | AGILE<br>METHODOLOGY                        |                      |                               |                      |
|                                                                    |                                                |                                           |                          | BLOCKCHAIN<br>TECHNOLOGY                    |                      |                               |                      |
|                                                                    |                                                |                                           | SOFT COMPUTING           |                                             |                      |                               |                      |

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| <b>ELECTRONICS<br/>AND<br/>INSTRUMENTATION<br/>ENGINEERING</b><br><br>(10-EIE) | ANALYTICAL<br>INSTRUMENTATION | PROFESSIONAL<br>PRACTICE, LAW<br>& ETHICS | <b>E3</b>                           | <b>E4</b>                                      | <b>OE2</b>           | <b>E4</b>                        | ----                    |
|                                                                                |                               |                                           | PHARMACEUTICAL<br>INSTRUMENTATION   | IMAGE AND<br>VIDEO<br>PROCESSING               |                      | ARTIFICIAL<br>NEURAL<br>NETWORKS |                         |
|                                                                                |                               |                                           | DIGITAL CONTROL<br>SYSTEMS          | COMPUTER<br>NETWORKS                           |                      |                                  |                         |
|                                                                                |                               |                                           | MEMS AND ITS<br>APPLICATIONS        |                                                |                      |                                  |                         |
| <b>INFORMATION<br/>TECHNOLOGY</b><br><br>(12- I T)                             | DEEP<br>LEARNING              | CLOUD<br>COMPUTING                        | <b>E4</b>                           | <b>E5</b>                                      | <b>OE2</b>           | <b>E4</b>                        | INFORMATION<br>SECURITY |
|                                                                                |                               |                                           | HUMAN<br>COMPUTER<br>INTERACTION    | SOFTWARE<br>PROCESS &<br>PROJECT<br>MANAGEMENT |                      | AD-HOC &<br>SENSOR<br>NETWORKS   |                         |
|                                                                                |                               |                                           |                                     | REAL TIME<br>SYSTEMS                           |                      | ARTIFICIAL<br>INTELLIGENCE       |                         |
|                                                                                |                               |                                           | HIGH<br>PERFORMANCE<br>COMPUTING    | INTRUSION<br>DETECTION<br>SYSTEMS              |                      |                                  |                         |
|                                                                                |                               |                                           | INFORMATION<br>RETRIEVAL<br>SYSTEMS | BLOCKCHAIN<br>TECHNOLOGY                       |                      |                                  |                         |

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|----------------------------------------|------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------|----------------------------------------------|----------------------|-------------------------------------|----------------------|
| AERONAUTICAL<br>ENGINEERING<br>(21-AE) | FLIGHT VEHICLE<br>DESIGN                             | E2                                                                | E3                                          | E4                                           | OE2                  | AIRPORT<br>PLANNING &<br>MANAGEMENT | ---                  |
|                                        |                                                      | UNMANNED AERIAL<br>VEHICLES                                       | SPACE ENGINEERING                           | INDUSTRIAL<br>AERODYNAMICS                   |                      |                                     |                      |
|                                        |                                                      |                                                                   | AIRCRAFT<br>MAINTENANCE &<br>REPAIR         | OPTIMIZATION<br>TECHNIQUES IN<br>ENGINEERING |                      |                                     |                      |
|                                        |                                                      | FINITE ELEMENT<br>METHODS                                         | WIND TUNNEL<br>TECHNIQUES                   | ROCKETS AND MISSILES                         |                      |                                     |                      |
|                                        |                                                      | APPLICATION OF<br>ARTIFICIAL<br>INTELLIGENCE IN<br>ENGINEERING    |                                             |                                              |                      |                                     |                      |
| BIO-TECHNOLOGY<br>(BT-23)              | BIOSAFETY,<br>BIOETHICS AND<br>REGULATORY<br>AFFAIRS | E4                                                                | E2                                          | E3                                           | OE2                  | E4                                  | ----                 |
|                                        |                                                      | BIOREACTOR DESIGN<br>AND ANALYSIS                                 | BIOPROCESS<br>ECONOMICS AND<br>PLANT DESIGN | FOOD BIOTECHNOLOGY                           |                      | INDUSTRIAL<br>MANAGEMENT            |                      |
|                                        |                                                      | ENVIRONMENTAL<br>BIOTECHNOLOGY                                    | SYSTEMS BIOLOGY                             | PLANT BIOTECHNOLOGY                          |                      |                                     |                      |
|                                        |                                                      | GOOD LABORATORY<br>PRACTICE AND GOOD<br>MANUFACTURING<br>PRACTICE | ANIMAL CELL LINE<br>TECHNOLOGY              | STRUCTURAL BIOLOGY                           |                      |                                     |                      |

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|-----------------------------------------------|------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------|----------------------|------------------------------------|----------------------|
| MINING<br>ENGG.<br>(25-MNE)                   | INTRODUCTION TO<br>INSTRUMENTATION | MINE<br>LEGISLATION AND<br>GENERAL SAFETY | MINERAL<br>PROCESSING            | <b>E3</b>                                        | <b>OE2</b>           | <b>E4</b>                          | ----                 |
|                                               |                                    |                                           |                                  | ADVANCED<br>SURFACE MINING                       |                      | DIMENSIONAL<br>STONE<br>TECHNOLOGY |                      |
|                                               |                                    |                                           |                                  | ROCK<br>FRAGMENTATION<br>ENGINEERING             |                      | MINE SYSTEMS<br>ENGINEERING        |                      |
|                                               |                                    |                                           |                                  | RISK ASSESSMENT<br>AND<br>MANAGEMENT             |                      | ROCK SLOPE<br>TECHNOLOGY           |                      |
|                                               |                                    |                                           |                                  |                                                  |                      |                                    |                      |
| PHARMACEUTICA<br>L<br>ENGINEERING<br>(PCE-31) | PROCESS CONTROL<br>SYSTEMS         | <b>E2</b>                                 | <b>E3</b>                        | <b>E4</b>                                        | <b>OE2</b>           | ---                                | ---                  |
|                                               |                                    | RESEARCH<br>METHODOLOGY                   | REGULATORY<br>AFFAIRS AND IPR    | INDUSTRIAL<br>SAFETY AND<br>HAZARD<br>MANAGEMENT |                      |                                    |                      |
|                                               |                                    | NATURAL<br>PRODUCT<br>FORMULATION         | PLANT DESIGN<br>AND ECONOMICS    | PHARMACEUTICAL<br>TECHNOLOGY                     |                      |                                    |                      |
|                                               |                                    | BASIC<br>NANOTECHNOLO<br>GY               | BIOCHEMICAL<br>ENGINEERING       | PROCESS<br>MODELLING<br>SIMULATION               |                      |                                    |                      |
|                                               |                                    | PROCESS<br>EQUIPMENT<br>DESIGN            | CDM AND<br>PHARMACOVIGIL<br>ANCE | ADVANCED DRUG<br>DELIVERY<br>SYSTEMS             |                      |                                    |                      |
|                                               |                                    |                                           |                                  |                                                  |                      |                                    |                      |

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|---------------------------------------------------------------|-------------------------|------------------------|--------------------------------------------------------------|---------------------------------------------|----------------------|--------------------------------|-------------------------|
| COMPUTER<br>SCIENCE AND<br>BUSINESS SYSTEMS<br>(32-CSBS)      | DATA<br>ANALYTICS       | OPERATIONS<br>RESEARCH | E4                                                           | E5                                          | OE2                  | E5                             | ---                     |
|                                                               |                         |                        | NATURAL<br>LANGUAGE<br>PROCESSING                            | IMAGE PROCESSING                            |                      | ARTIFICIAL<br>INTELLIGENC      |                         |
|                                                               |                         |                        | DevOps                                                       | BLOCKCHAIN<br>TECHNOLOGY                    |                      |                                |                         |
|                                                               |                         |                        | DIGITAL<br>MARKETING                                         | SOCIAL MEDIA<br>ANALYTICS                   |                      |                                |                         |
|                                                               |                         |                        | BIG DATA<br>ANALYTICS                                        | DIGITAL PAYMENT<br>SYSTEMS                  |                      |                                |                         |
|                                                               |                         |                        | SERVICES<br>SCIENCE AND<br>SERVICE<br>ORIENTED<br>MANAGEMENT |                                             |                      |                                |                         |
| COMPUTER<br>SCIENCE<br>INFORMATION<br>TECHNOLOGY<br>(33-CSIT) | E5                      | CLOUD<br>COMPUTING     | E4                                                           | E5                                          | OE2                  | E4                             | INFORMATION<br>SECURITY |
|                                                               | DEEP LEARNING           |                        | EMBEDDED<br>SYSTEMS                                          | BLOCKCHAIN<br>TECHNOLOGY                    |                      | ARTIFICIAL<br>INTELLIGENCE     |                         |
|                                                               |                         |                        | HUMAN<br>COMPUTER<br>INTERACTION                             | SOFTWARE PROCESS<br>& PROJECT<br>MANAGEMENT |                      | AD-HOC &<br>SENSOR<br>NETWORKS |                         |
|                                                               |                         |                        | HIGH<br>PERFORMANCE<br>COMPUTING                             | INTRUSION<br>DETECTION SYSTEMS              |                      |                                |                         |
|                                                               |                         |                        |                                                              | REAL TIME SYSTEMS                           |                      |                                |                         |

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| COMPUTER<br>ENGINEERING<br>(SOFTWARE<br>ENGINEERING)<br>(56-CE(SE))            | MACHINE LEARNING        | AGILE SOFTWARE<br>DEVELOPMENT                           | E4                                         | E5                                                  | OE2                  | E4                      | ---                                                |
|                                                                                |                         |                                                         | SOFTWARE PROJECT<br>MANAGEMENT             | DATA STREAM<br>MINING                               |                      | QUANTUM<br>COMPUTING    |                                                    |
|                                                                                |                         |                                                         | INFORMATION<br>STORAGE<br>MANAGEMENT       | CLOUD COMPUTING                                     |                      |                         |                                                    |
|                                                                                |                         |                                                         | NATURAL<br>LANGUAGE<br>PROCESSING          | PRIVACY<br>PRESERVING DATA<br>PUBLISHING            |                      |                         |                                                    |
|                                                                                |                         |                                                         | DATA<br>VISUALIZATION<br>TECHNIQUES        | SOFTWARE QUALITY<br>ASSURANCE                       |                      |                         |                                                    |
|                                                                                |                         |                                                         |                                            | EXPLORATORY DATA<br>ANALYSIS                        |                      |                         |                                                    |
| COMPUTER<br>SCIENCE AND<br>ENGINEERING)<br>(CYBER<br>SECURITY)<br>(62-CSE(CS)) | E4                      | VULNERABILITY<br>ASSESSMENT &<br>PENETRATION<br>TESTING | E4                                         | E5                                                  | OE2                  | E5                      | NETWORK<br>MANAGEMENT<br>SYSTEMS AND<br>OPERATIONS |
|                                                                                | DEEP LEARNING           |                                                         | WEB & DATABASE<br>SECURITY                 | AUTHENTICATION<br>TECHNIQUES                        |                      | QUANTUM<br>COMPUTING    |                                                    |
|                                                                                |                         |                                                         | INFORMATION<br>SYSTEM AUDIT &<br>ASSURANCE | SECURITY INCIDENT<br>& RESPONSE<br>MANAGEMENT (SOC) |                      |                         |                                                    |
|                                                                                |                         |                                                         | EDGE ANALYTICS                             | DATA ANALYTICS<br>FOR FRAUD<br>DETECTION            |                      |                         |                                                    |
|                                                                                |                         |                                                         | SOCIAL MEDIA<br>SECURITY                   | 5G TECHNOLOGIES                                     |                      |                         |                                                    |

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|-----------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------|-----------------------------------|--------------------------------------|----------------------|-------------------------|---------------------------------|
| COMPUTER<br>SCIENCE<br><br>AND<br>ENGINEERING<br>(ARTIFICIAL<br>INTELLIGENCE<br>AND MACHINE<br>LEARNING)<br>(66-CSE(AI&ML)) | DEEP LEARNING           | PROFESSIONAL<br>PRACTICE, LAW<br>& ETHICS | <b>E3</b>                         | <b>E4</b>                            | <b>OE2</b>           | <b>E4</b>               | NATURE<br>INSPIRED<br>COMPUTING |
|                                                                                                                             |                         |                                           | INTERNET OF THINGS                | MOBILE COMPUTING                     |                      | QUANTUM<br>COMPUTING    |                                 |
|                                                                                                                             |                         |                                           | DATA MINING                       | GAME THEORY                          |                      |                         |                                 |
|                                                                                                                             |                         |                                           | MOBILE APPLICATION<br>DEVELOPMENT | EXPERT SYSTEMS                       |                      |                         |                                 |
|                                                                                                                             |                         |                                           | SCRIPTING LANGUAGES               | SEMANTIC WEB                         |                      |                         |                                 |
|                                                                                                                             |                         |                                           | CLOUD COMPUTING                   |                                      |                      |                         |                                 |
| COMPUTER<br>SCIENCE<br>AND<br>ENGINEERING<br>(DATASCIENCE)<br>(67-CSE(DS))                                                  | PREDICTIVE<br>ANALYTICS | WEB AND<br>SOCIAL MEDIA<br>ANALYTICS      | <b>E4</b>                         | <b>E5</b>                            | <b>OE2</b>           | <b>E4</b>               | ---                             |
|                                                                                                                             |                         |                                           | DATABASE SECURITY                 | PRIVACY PRESERVING IN<br>DATA MINING |                      | QUANTUM<br>COMPUTING    |                                 |
|                                                                                                                             |                         |                                           | NATURAL LANGUAGE<br>PROCESSING    | CLOUD COMPUTING                      |                      |                         |                                 |
|                                                                                                                             |                         |                                           | INFORMATION STORAGE<br>MANAGEMENT | DATA SCIENCE<br>APPLICATIONS         |                      |                         |                                 |
|                                                                                                                             |                         |                                           | INTERNET OF THINGS                | MINING MASSIVE<br>DATASETS           |                      |                         |                                 |
|                                                                                                                             |                         |                                           |                                   | EXPLORATORY DATA<br>ANALYSIS         |                      |                         |                                 |

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|---------------------------------------------------------------|---------------------------------------------|-------------------------------------------|---------------------------------------|------------------------------------------|----------------------|--------------------------------|--------------------------------------------------------|
| COMPUTER SCIENCE<br>AND ENGINEERING<br>(IOT)<br>(69-CSE(IOT)) | OPRATING<br>SYSTEMS FOR<br>IoT              | PROFESSIONAL<br>PRACTICE,<br>LAW & ETHICS | E3                                    | E4                                       | OE2                  | E4                             | IoT Networks                                           |
|                                                               |                                             |                                           | CLOUD COMPUTING<br>AND VIRTUALIZATION | AUGMENTED REALITY &<br>VIRTUAL REALITY   |                      | QUANTUM<br>COMPUTING           |                                                        |
|                                                               |                                             |                                           | LIGHTWEIGHT<br>CRYPTOGRAPHY           | IoT AUTOMATION                           |                      | AD-HOC &<br>SENSOR<br>NETWORKS |                                                        |
|                                                               |                                             |                                           | ARTIFICIAL<br>INTELLIGENCE            | WIRELESS AD-HOC<br>NETWORKS              |                      |                                |                                                        |
|                                                               |                                             |                                           | SOFTWARE TESTING<br>METHODOLOGIES     |                                          |                      |                                |                                                        |
|                                                               |                                             |                                           | MOBILE APPLICATION<br>DEVELOPMENT     |                                          |                      |                                |                                                        |
| COMPUTER SCIENCE<br>AND ENGINEERING<br>(70-NETWORKS)          | CRYPTOGRAP<br>HY AND<br>NETWORK<br>SECURITY | BLOCK CHAIN<br>TECHNOLOGY                 | E4                                    | E5                                       | OE2                  | E5                             | NETWORK<br>MANAGEMEN<br>T SYSTEMS<br>AND<br>OPERATIONS |
|                                                               |                                             |                                           | NEURAL NETWORKS &<br>DEEP LEARNING    | REAL TIME SYSTEMS                        |                      | AD-HOC &<br>SENSOR             |                                                        |
|                                                               |                                             |                                           | WIRELESS ADHOC<br>NETWORKS            | DISTRIBUTED STORAGE<br>NETWORKS          |                      | QUANTUM<br>COMPUTING           |                                                        |
|                                                               |                                             |                                           | INFORMATION<br>RETRIEVAL SYSTEMS      |                                          |                      |                                |                                                        |
|                                                               |                                             |                                           | WIRELESS SECURITY                     | SOFTWARE PROCESS &<br>PROJECT MANAGEMENT |                      |                                |                                                        |

**Date: 15-11-2025**

Sd/-

**CONTROLLER OF EXAMINATIONS**

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD – 500085

EXAMINATION BRANCH

**IV YEAR B.TECH – I SEMESTER– R22 REGULATION REGULAR EXAMINATIONS DECEMBER-2025**

**TIME TABLE**

**T I M E→FN: 10:00 AM TO 1:00 PM**

| BRANCH                                                          | 03-12-2025<br>WEDNESDAY                               | 05-12-2025<br>FRIDAY                      | 09-12-2025<br>TUESDAY                         | 11-12-2025<br>THURSDAY                       | 15-12-2025<br>MONDAY | 17-12-2025<br>WEDNESDAY | 19-12-2025<br>FRIDAY                           |
|-----------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------|-----------------------------------------------|----------------------------------------------|----------------------|-------------------------|------------------------------------------------|
| TEXTILE<br>ENGINEERING<br>(71-TTE)                              | INDUSTRIAL<br>ENGINEERING FOR<br>TEXTILE &<br>APPAREL | <b>E2</b>                                 | <b>E3</b>                                     | <b>E4</b>                                    | <b>OE2</b>           | --                      | --                                             |
|                                                                 |                                                       | SPECIALTY FABRICS                         | APPAREL PRODUCT<br>DEVELOPMENT                | PROTECTIVE GARMENTS                          |                      |                         |                                                |
|                                                                 |                                                       | MILLENNIUM<br>FIBRES                      | ADVANCES IN<br>TEXTILE WET<br>PROCESSING      | SPORTS AND AUTOMOTIVE<br>TEXTILES            |                      |                         |                                                |
|                                                                 |                                                       | HIGH<br>PERFORMANCE<br>FIBRES             | PROCESS AND<br>QUALITY CONTROL<br>IN TEXTILES | MEDICAL TEXTILES                             |                      |                         |                                                |
| ARTIFICIAL<br>INTELLIGENCE<br>AND DATA<br>SCIENCE<br>(72- AIDS) | WEB AND SOCIAL<br>MEDIA<br>ANALYTICS                  | PROFESSIONAL<br>PRACTICE, LAW &<br>ETHICS | <b>E3</b>                                     | <b>E4</b>                                    | <b>OE2</b>           | <b>E4</b>               | INTRODUCTI<br>ON TO<br>PREDICTIVE<br>ANALYTICS |
|                                                                 |                                                       |                                           | MOBILE<br>APPLICATION<br>DEVELOPMENT          | CLOUD COMPUTING                              |                      | QUANTUM<br>COMPUTING    |                                                |
|                                                                 |                                                       |                                           | DATA MINING                                   | KNOWLEDGE<br>REPRESENTATION AND<br>REASONING |                      |                         |                                                |
|                                                                 |                                                       |                                           | SCRIPTING<br>LANGUAGES                        | EXPERT SYSTEMS                               |                      |                         |                                                |
|                                                                 |                                                       |                                           | CRYPTOGRAPHY AND<br>NETWORK SECURITY          | GAME THEORY                                  |                      |                         |                                                |
|                                                                 |                                                       |                                           | INTERNET OF THINGS                            |                                              |                      |                         |                                                |

**Date: 15-11-2025**

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**IV YEAR B.TECH – I SEMESTER– R22 REGULATION REGULAR EXAMINATIONS DECEMBER-2025**

**TIME TABLE**

**T I M E→FN: 10:00 AM TO 1:00 PM**

| BRANCH                                                              | 03-12-2025<br>WEDNESDAY                | 05-12-2025<br>FRIDAY                      | 09-12-2025<br>TUESDAY                | 11-12-2025<br>THURSDAY                  | 15-12-2025<br>MONDAY | 17-12-2025<br>WEDNESDAY        | 19-12-2025<br>FRIDAY            |
|---------------------------------------------------------------------|----------------------------------------|-------------------------------------------|--------------------------------------|-----------------------------------------|----------------------|--------------------------------|---------------------------------|
| ARTIFICIAL<br>INTELLIGENCE<br>AND MACHINE<br>LEARNING<br>(73-AI&ML) | DEEP LEARNING                          | PROFESSIONAL<br>PRACTICE, LAW &<br>ETHICS | <b>E3</b>                            | <b>E4</b>                               | <b>OE2</b>           | <b>E4</b>                      | NATURE<br>INSPIRED<br>COMPUTING |
|                                                                     |                                        |                                           | INTERNET OF THINGS                   | MOBILE COMPUTING                        |                      | QUANTUM<br>COMPUTING           |                                 |
|                                                                     |                                        |                                           | DATA MINING                          | GAME THEORY                             |                      |                                |                                 |
|                                                                     |                                        |                                           | MOBILE<br>APPLICATION<br>DEVELOPMENT | EXPERT SYSTEMS                          |                      |                                |                                 |
|                                                                     |                                        |                                           | SCRIPTING<br>LANGUAGES               | SEMANTIWEB                              |                      |                                |                                 |
|                                                                     |                                        |                                           | CLOUD COMPUTING                      |                                         |                      |                                |                                 |
| COMPUTER<br>SCIENCE<br>AND DESIGN<br>(74-CSD)                       | DESIGN DRAWING<br>AND<br>VISUALIZATION | COMPILER DESIGN                           | <b>E4</b>                            | <b>E5</b>                               | <b>OE2</b>           | <b>E4</b>                      | <b>E5</b>                       |
|                                                                     |                                        |                                           | SOFT COMPUTING                       | SIMULATION AND<br>MODELING              |                      | AD-HOC &<br>SENSOR<br>NETWORKS | ----                            |
|                                                                     |                                        |                                           | GRAPH THEORY                         | COMPUTER GAME DESIGN<br>AND PROGRAMMING |                      |                                |                                 |
|                                                                     |                                        |                                           |                                      | ROBOTIC PROCESS<br>AUTOMATION           |                      |                                |                                 |
|                                                                     |                                        |                                           | VIRTUAL REALITY                      | VISUAL DESIGN AND<br>COMMUNICATIONS     |                      |                                |                                 |
|                                                                     |                                        |                                           | CLOUD COMPUTING                      | AGILE METHODOLOGY                       |                      |                                |                                 |

**Date: 15-11-2025**

Sd/-

**CONTROLLER OF EXAMINATIONS**

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KUKATPALLY, HYDERABAD – 500085

EXAMINATION BRANCH

**IV YEAR B.TECH – I SEMESTER– R22 REGULATION REGULAR EXAMINATIONS DECEMBER-2025**

**TIME TABLE**

**T I M E→FN: 10:00 AM TO 1:00 PM**

| <b>OPEN<br/>ELECTIVES<br/>FOR ALL BRANCHES</b> | <b>15-12-2025<br/>MONDAY</b>                    |                                                      |
|------------------------------------------------|-------------------------------------------------|------------------------------------------------------|
|                                                | 5G TECHNOLOGIES                                 | INDUSTRIAL ENGINEERING & MANAGEMENT                  |
|                                                | AI APPLICATIONS                                 | INDUSTRIAL POLLUTION PREVENTION & CONTROL            |
|                                                | AIRCRAFT GENERAL ENGINEERING AND<br>MAINTENANCE | INFORMATION SYSTEM AUDIT & ASSURANCE                 |
|                                                |                                                 | INTRODUCTION TO NATURAL LANGUAGE PROCESSING          |
|                                                | APPLIED ENVIRONMENTAL BIOLOGY                   | IoT AUTOMATION                                       |
|                                                | BIOFUEL TECHNOLOGY                              | MATERIAL HANDLING IN MINES                           |
|                                                | COMPUTER NETWORKS                               | MEASURING INSTRUMENTS                                |
|                                                | DATA ANALYTICS                                  | OPERATING SYSTEMS                                    |
|                                                | DATA MINING                                     | OPTIMIZATION TECHNIQUES                              |
|                                                | DESIGN THINKING                                 | PLASMA TECHNOLOGY FOR TEXTILES                       |
|                                                | ELECTRONIC SENSORS                              | PROFESSIONAL PRACTICE, LAW & ETHICS                  |
|                                                | ELECTRONICS FOR HEALTH CARE                     | QUANTITATIVE ANALYSIS FOR BUSINESS DECISIONS SYSTEMS |
|                                                | ENERGY STORAGE SYSTEMS                          | SCRIPTING LANGUAGES                                  |
|                                                | ENTERPRISE RESOURCE PLANNING                    | SIX SIGMA AND LEAN FOR PROCESS INDUSTRIES            |
|                                                | FULL STACK DEVELOPMENT                          | SOCIAL MEDIA SECURITY                                |
|                                                | FUNDAMENTALS OF BIOMEDICAL<br>INSTRUMENTATION   | SOFTWARE ENGINEERING                                 |
|                                                | GLOBAL WARMING AND CLIMATE CHANGE               | SOFTWARE PROJECT MANAGEMENT                          |
|                                                |                                                 | SOLID WASTE MANAGEMENT                               |
|                                                | HANDLOOM AND TRADITIONAL TEXTILES               | SUSTAINABLE INFRASTRUCTURE DEVELOPMENT               |
|                                                | HEALTH AND SAFETY IN MINES                      | TELECOMMUNICATIONS FOR SOCIETY                       |
|                                                | HERBAL FORMULATION                              | UTILIZATION OF ELECTRIC ENERGY                       |

**Date: 15-12-2025**

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

III. READMITTED STUDENTS HAVE TO APPEAR FOR THE SUBSTITUTE SUBJECT(S) [WHICH IS/ARE NOT SHOWN IN THE TIME-TABLE] IN PLACE OF THE SUBJECT(S) ALREADY PASSED. FOR DETAILS OF SUBSTITUTE SUBJECTS REFER THE COMMUNICATIONS RECEIVED FROM THE DIRECTOR OF ACADEMIC & PLANNING.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**KUKATPALLY, HYDERABAD – 500085**

**EXAMINATION BRANCH**

**IV YEAR B.TECH – I SEMESTER– R22 REGULATION REGULAR EXAMINATIONS DECEMBER-2025**

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