AQAR 2021-22

Number of value-added courses for imparting transferable and life skills offered during the year & Total number of students enrolled in the courses



AQAR 2021 - 22

1.3.2 Number of Value-added courses for imparting transferable and life skills offered during the year

| Year | 2021-22 |
|--------|---------|
| Number | 498 |

| Name of the value added courses (with 30 or more contact hours) offered | Course Code (if any) | Year of offering | No. of times offered during the same year | Duration of course | Number of students enrolled in the year | Number of Students completing the course in the year |
|---|----------------------------|---------------------|---|--------------------------|--|--|
| ACCA ADVANCED FINANCIAL MANAGEMENT | AFM | 2021 - 22 | 1 | 50 Hrs | 65 | • 1 S |
| ACCA IFRS | - | 2021 - 22 | 1 | 40 Hrs | 33 | 33 |
| ACCA STRATEGIC BUSINESS LEADERSHIP | SBL | 2021 - 22 | 1 : | 50 Hrs | 65 | 2 |
| ACCA STRATEGIC BUSINESS REPORTING | SBR | 2021 - 22 | 1 | 50 Hrs | 65 | 4 |
| BUSINESS ENGLISH CERTIFICATE (BEC) PRELIMINARY | - | 2021 - 22 | 1 | 5 months | 325 | 88 |
| CA FOUNDATION | - | 2021 - 22 | 2 | 6 months | 5 | - |
| CAD USING CATIA-BASICS | - | 2021 - 22 | 1 | 6 months | 19 | 19 |
| CEMENT WORKSHOP | - | 2021 - 22 | 1 | 7 hrs | 61 | 61 |
| CERTIFIED LABVIEW ASSOCIATE DEVELOPER (CLAD) | - | 2021 - 22 | 1 | 15 days | 18 | 11 |
| COMMUNICATION SKILL | - . | 2021 - 22 | 1 | 30 hrs | 39 | 39 |
| EMBEDDED SOFTWARE AND HARDWARE ARCHITECTURE | - | 2021 - 22 | 1 | 3 months | 1 | 1 |
| FURNITURE WORKSHOP | 10 - | 2021 - 22 | 1 | 48 Hrs | 54 | 54 |
| GENOMICS: DECODING THE UNIVERSAL LANGUAGE OF LIFE | - | 2021 - 22 | 1 | 3 months | 1 | 1 |
| LAB SAFETY AND FIRST AID | - | 2021 - 22 | 1 | 30 hrs | 39 | 39 |
| MATERIALS CHARACTERIZATION | - | 2021 - 22 | 1 | 30 hrs | 56 | 56 |
| NUMERICAL METHODS | - | 2021 - 22 | 1 | 3 Months | 14 | 14 |
| PERSONALITY ENHANCEMENT - I | ARD 1104 | 2021 - 22 | 1 | 30 Hrs | 54 | 54 |
| PERSONALITY ENHANCEMENT - II | ARD 1204 | 2021 - 22 | 1 | 30 Hrs | 54 | 54 |
| POTTERY WORKSHOP | - | 2021 - 22 | 1 | 30 Hrs | 54 | 54 |
| PROOF READING AND COPY EDITING | - | 2021 - 22 | 1 | 10 days | 38 | 38 |
| RESIN ART WORKSHOP | - | 2021 - 22 | 1 | 30 Hrs | 54 | 54 |

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RÉGISTRAR B.S. Abdur Rahman

Crescent Institute of Science & Technology Vandalur, Chennai-600 048



| | T | T | | | | |
|---|----------------------------|-----------|------------|----------|-------|-----|
| SUMMER SCHOOL PROGRAMME - MASTERSTROKE - LEARN FROM AN EXPERT ARCHITECT | Summer school course | 2021 - 22 | 1 | 22 Hrs | 44 | 44 |
| SUMMER SCHOOL PROGRAMME - TANJORE PAINTING | Summer school course | 2021 - 22 | 1 | 21 Hrs | 37 | 37 |
| SUMMER SCHOOL PROGRAMME - EFFECTIVE COMMUNICATION IN ENGLISH | Summer school course | 2021 - 22 | 1, | 23 Hrs | 27 | 27 |
| TRAINING ON APTITUDE | - | 2021 - 22 | 1 | 30 hrs | 39 | 39 |
| VIRTUAL DESIGN AND | _ | 2021 - 22 | 1 | 20 Ura | | |
| CONSTRUCTION TRAINING WORKSHOP ON DIFFERENT | | 2021-22 | | 30 Hrs | 16 | 16 |
| TYPES OF FINISHES FOR WOOD | - | 2021 - 22 | 1 | 7 Hrs | 37 | 37 |
| WORKSHOP ON DIGITAL | 1 - E | | 2 P | S. | 14 M | ×. |
| INTERACTIVE WALL INSTALLATION - HYPERBLOOM - INNOVATIVE INTERACTIVE WALL INSTALLATION | - | 2021 - 22 | - 1 - 1 | 105 hrs | 69 | 69 |
| ADVANCE CPP | | 2021 - 22 | | 0 | | |
| ANDROID APP USING | - | | 1 | 3 months | 63 | 51 |
| KOTLIN | - | 2021 - 22 | 2 | 3 months | 43 | 20 |
| ARDUINO | - | 2021 - 22 | 4 | 3 months | 96 | 50 |
| AVOGADRO | - | 2021 - 22 | 2 | 3 months | 39 | 25 |
| BIOPHYTHON | | 2021 - 22 | 2 | 3 months | 55 | 28 |
| BLENDER | | 2021 - 22 | 1 | 3 months | 2 | - |
| C AND CPP | - | 2021 - 22 | 7 | 3 months | 608 | 261 |
| C PROGRAMMING | - | 2021 - 22 | 2 | 3 months | 63 | 23 |
| MOODLE LEARNING MANAGEMENT SYSTEM | - | 2021 - 22 | 1 | 3 months | 24 | - |
| ESIM | - | 2021 - 22 | 8 | 3 months | 146 | 45 |
| FRONT ACCOUNTING | o _ | 2021 - 22 | 2 | 3 months | 154 🔹 | - |
| GIT | | 2021 - 22 | 2 | 3 months | 44 | 20 |
| HTML | - | 2021 - 22 | 3 | 3 months | 303 | 135 |
| INSCAPE | ~ - | 2021 - 22 | 2 | 3 months | 82 | 82 |
| INTRODUCTION TO COMPUTERS | | 2021 - 22 | 3 | 3 months | 74 | 18 |
| JAVA | - | 2021 - 22 | 3 | 3 months | 380 | 134 |
| JMOL | - | 2021 - 22 | 2 | 3 months | 10 | 10 |
| LATEX | - | 2021 - 22 | 3 | 3 months | 87 | 12 |
| LINUX | - | 2021 - 22 | 4 | 3 months | 366 | 104 |
| OPENMODELICA | - | 2021 - 22 | 1 | 3 months | 78 | 78 |
| PHP AND MYSQL | - | 2021 - 22 | 3 | 3 months | 274 | 153 |
| PYTHON 3.4.3 | - | 2021 - 22 | 10 | 3 months | 477 | 233 |
| Q - CAD | - | 2021 - 22 | 4 | 3 months | 102 | 70 |
| QGIS | - | 2021 - 22 | 1 | 3 months | 45 | 30 |

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| R | - | 2021 - 22 | 2 | 3 months | 352 | 24 |
|-----------------------------|----------------|-----------|----|------------|----------|-------|
| RDBMS POSTGRESQL | - | 2021 - 22 | 2 | 3 months | 308 | |
| SCILAB | - | 2021 - 22 | 1 | 3 months | 51 | 201 |
| UCSF CHIMERA | - | 2021 - 22 | 2 | 3 months | | |
| ADIABATIC TWO PHASE | | 2021-22 | 2 | 3 months | 52 | 20 |
| FLOW AND FLOW BOILING | | *1 | | | | |
| IN MICROCHANNEL | - | 2021 | 1 | 6 Months | 1 | |
| ADVANCED COMPUTER | | 2021 - | | 0 Months | 1 | - |
| ARCHITECTURE | - | 2022 | 2 | 6 Months | 3 | |
| ADVANCED LINEAR | | | , | 0 10011113 | | - |
| CONTINUOUS CONTROL | 2 2 | | 12 | 10 | 2 | |
| SYSTEMS: APPLICATIONS | | | | | | |
| WITH MATLAB | | | | | · | |
| PROGRAMMING AND SIMULINK | | | | | | |
| ADVANCED MACHINING | - | 2021 | 1 | 6 Months | 1 | - |
| PROCESSES | | | | | | |
| ADVANCED QUANTUM | - | 2021 | 1 | 6 Months | 1 | - |
| MECHANICS WITH | | 18° - 63 | 2 | | | |
| APPLICATIONS | | 0004 | | | | |
| AIRCRAFT STABILITY AND | - | 2021 | 1 | 6 Months | 1 | - |
| CONTROL | | 2024 | | | | |
| ALGORITHMS FOR PROTEIN | - | 2021 | 1 | 6 Months | 5 | - |
| MODELLING AND | 080 | 1 10 1 | | | | |
| ENGINEERING | - | 2021 | 1 | C Mantha | | |
| AMERICAN LITERATURE & | | 2021 | | 6 Months | 1 | - |
| CULTURE | - | 2021 | 1 | 6 Months | 4 | 9 |
| ANALYTICAL CHEMISTRY | | | | | 1 | - |
| APPLIED | - | 2021 | 1 | 6 Months | 1 | - |
| THERMODYNAMICS FOR | | | | | | |
| ENGINEERS | - | 2021 | 1 | G Mantha | | |
| APPRECIATING CARNATIC | | 2021 | - | 6 Months | 1 | - |
| MUSIC | × - | 2021 | 1 | 6 Months | 1 | |
| ARCHITECTURAL | | | | 0 1011115 | 1 | - |
| ACOUSTICS | - | 2021 | 1 | 6 Months | 1 | |
| ARTIFICIAL INTELLIGENCE : | | | | e montris | | - |
| SEARCH METHODS FOR | | | | | | |
| PROBLEM SOLVING | - | 2021 | 1 | 6 Months | 4 | - |
| | | 8 | | | | |
| | 10 – 17 | 2021 | 1 | 6 Months | 2 | a _ |
| | | | | | | |
| PRODUCTION SYSTEMS | | | | | | |
| BASIC COURSE IN | - | 2021 | 1 | 6 Months | 1 | - |
| BIOMEDICAL RESEARCH | | 0004 | | | <i>v</i> | |
| CYCLE 4A | | 2021 - | ~ | | | |
| BASIC ELECTRICAL | - | 2022 | 2 | 6 Months | 4 | - |
| CIRCUITS | - | 2021 | 1 | | | |
| BASICS OF FINITE | | 2021 | 1 | 6 Months | 2 | - |
| LEMENT ANALYSIS - I | - | 2021 | 1 | 6 Months | | |
| ASICS OF MATERIALS | | 2021 | | owonths | 2 | - |
| NGINEERING | - | 2021 | 1 | 6 Months | 1 | |
| ASICS OF SOFTWARE | | | 1 | | 1 | - |
| EFINED RADIOS AND | | | | | | |
| PACTICAL ADDU CATIONS | - | 2021 | 1 | 6 Months | 1 | |
| RACTICAL APPLICATIONS | | 2021 | | o wome | | - |

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| BIOLOGICAL INCOGANIC | | | | | | |
|-----------------------------------|-----|--|-----|------------|----|--|
| BIOLOGICAL INORGANIC CHEMISTRY | | | | | | 1. |
| | - | 2021 | 1 | 6 Months | 1 | - |
| BIOMECHANICS OF JOINTS | | | | | | |
| AND ORTHOPAEDIC | | | | | | |
| IMPLANTS | - | 2021 | 1 | 6 Months | 2 | |
| BIOMEDICAL | | | | | | |
| NANOTECHNOLOGY | | 2021 | 1 | 6 Months | 8 | |
| BIOREACTORS | | | | | 0 | - |
| | - | 2021 | 1 | 6 Months | 1 | 1 |
| BODY LANGUAGE: KEY TO | | | | | | |
| PROFESSIONAL SUCCESS | - | 2021 | 1 | 6 Months | 2 | - |
| BUILDING MATERIALS AND | | 3 | | | 3 | |
| COMPOSITES | · - | 2021 | 1 | 6 Months | 1 | |
| BUSINESS ANALYTICS & | 5 | 17 (1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | | | • | |
| DATA MINING MODELING | | | | | | |
| USING R PART II | - | 2021 | 1 | 6 Months | 2 | |
| BUSINESS ANALYTICS & | | 2021 | | 0 WORLD'S | 2 | - |
| TEXT MINING MODELING | | | | | | |
| USING PYTHON | | 2024 | | | | 8 |
| | | 2021 | 1 | 6 Months | 2 | - |
| ASSEMBLY LANGUAGE | | | 121 | | Y. | |
| | - | 2021 | 1 | 6 Months | 11 | - |
| CELL CULTURE | | | | | | |
| TECHNOLOGIES | - | 2021 | 1 | 6 Months | 4 | _ |
| CHEMICAL ENGINEERING | | 2021 - | | | | |
| THERMODYNAMICS | - | 2022 | 2 | 6 Months | 2 | |
| CLOUD COMPUTING | 2 | 2021 - | | e montris | 2 | |
| CLOOD COMPUTING | - | 2022 | 2 | 6 Months | 36 | |
| COGNITION, | 5. | | | 0 WOTUIS | 30 | - |
| TRANSFORMATION AND | | | | | | |
| LIVES | | 2021 | 4 | C Marth | | |
| COMPUTATIONAL | + | 2021 | 1 | 6 Months | 1 | - |
| ELECTROMAGNETICS | | 0004 | | | | |
| COMPUTATIONAL FLUID | | 2021 | 1 | 6 Months | 2 | - |
| DYNAMICS LISING FILLID | | | | | | |
| DYNAMICS USING FINITE | | | | | | |
| VOLUME METHOD | - | 2021 | 1 | 6 Months | 1 | |
| COMPUTER AIDED DRUG | | | | | | |
| DESIGN | - | 2021 | 1 | 6 Months | 9 | 2 10 |
| COMPUTER | | | | e montrio | 3 | - |
| ARCHITECTURE AND | | | | | | |
| ORGANIZATION | | 2021 | 1 | 6 Months | 2 | |
| CONCEPTS OF | | 2021 | | owonths | 2 | - |
| THERMODYNAMICS | - | 2024 | 4 | A M | - | |
| CONSTITUTION OF INDIA | | 2021 | 1 | 6 Months | 3- | - *, |
| AND ENVIRONMENTAL | | | | | | |
| GOVERNANCE: | | | | | | |
| | | < | | | | |
| ADMINISTRATIVE AND | | | | | | |
| ADJUDICATORY PROCESS | - | 2021 | 1 | 6 Months | 1 | _ |
| CONSUMER PSYCHOLOGY | - | 2021 | 1 | | | |
| CONTEMPORARY | | 2021 | | 6 Months | 1 | - |
| ARCHITECTURE AND | | | | | | |
| DESIGN | | 2024 | | | | |
| | - | 2021 | 1 | 6 Months | 1 | - |
| CONTROL ENGINEERING | - | 2021 | 1 | 6 Months | 2 | - |
| CONTROL SYSTEMS | - | 2021 | 1 | | | _ |
| CORROSION FAILURES AND | - | 2021 | 1 | 6 Months | 2 | - |
| ANALYSIS | | 2024 | | | | |
| | - | 2021 | 1 | 6 Months | 2 | - |
| COST ACCOUNTING | - | 2021 | 1 | 6 Months | 1 | - |
| | | | | | • | |

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| | | | - | | | |
|---|----|--------|---|------------|-----|------------|
| CULTURALLY RESPONSIVE BUILT ENVIRONMENTS | | 2021 | | C Mantha | | |
| DAIRY AND FOOD | | 2021 | 1 | 6 Months | 1 | - |
| PROCESS AND PRODUCTS | | | | | | |
| TECHNOLOGY | | 2021 | | C. Mantha | - | |
| DATA BASE MANAGEMENT | + | 2021 - | 1 | 6 Months | 5 | 1 |
| SYSTEM | | | | | 400 | |
| DATA SCIENCE FOR | | 2022 | 2 | 6 Months | 139 | 2 |
| ENGINEERS | | 2021 - | | | | |
| DECISION-MAKING UNDER | | 2022 | 2 | 6 Months | 11 | - |
| UNCERTAINTY | | 0001 | | | | |
| UNCERTAINTY | | 2021 | 1 | 6 Months | 2 | - |
| DEEP LEARNING | | 2021 - | e | <u> </u> | | ,, |
| | | 2022 | 2 | 6 Months | 24 | 2 |
| DEEP LEARNING FOR | | | | | | |
| COMPUTER VISION | - | 2021 | 1 | 6 Months | 5 | - |
| DEFECTS IN CRYSTALLINE | | | | | | |
| SOLIDS (PART-I) | - | 2021 | 1 | 6 Months | 1 | - |
| DESCRIPTIVE STATISTICS | | | | - | | |
| WITH R SOFTWARE | - | 2021 | 1 | 6 Months | 3 | |
| DESIGN AND ANALYSIS OF | | 2021 - | | | | 1. |
| ALGORITHMS | - | 2022 | 2 | 6 Months | 30 | |
| DESIGN FOR INTERNET OF | | | | 2.4 | | |
| THINGS | _ | 2021 | 1 | 6 Months | 4 | _ 2 |
| DESIGN OF FIXED WING | | | | o montrio | | |
| UNMANNED AERIAL | 2 | | 8 | × · | | |
| VEHICLES | _ | 2021 | 1 | 6 Months | 5 | |
| DESIGN OF PHOTOVOLTAIC | | 2021 | | 0 MONUTS | 5 | - |
| SYSTEMS | | 2021 | 1 | G Mantha | 2 | |
| DESIGN OF REINFORCED | | 2021 | | 6 Months | 2 | - |
| CONCRETE STRUCTURES | | 2021 | 1 | C Mantha | | |
| DESIGN OF STEEL | | 2021 | 1 | 6 Months | 1 | - |
| STRUCTURES | | 0004 | | | - | |
| DESIGN THINKING - A | - | 2021 | 1 | 6 Months | 2 | Ξ. |
| PRIMER | | 2021 - | | | | |
| | - | 2022 | 2 | 6 Months | 2 | |
| DESIGN, TECHNOLOGY | | | | | | |
| AND INNOVATION | -1 | 2021 | 1 | 6 Months | 2 | |
| DEVELOPING SOFT SKILLS | | | | | | N 21 |
| AND PERSONALITY | - | 2021 | 1 | 6 Months | 38 | , - |
| DIGITAL CIRCUITS | - | 2021 | 1 | 6 Months | 3 | _ |
| DIGITAL IMAGE | | | | 0 10011110 | 0 | 0 |
| PROCESSING | a | 2021 | 1 | 6 Months | 2 | N 1 |
| DIGITAL SWITCHING - I | - | 2021 | 1 | | 2 | |
| DISCRETE MATHEMATICS | | | | 6 Months | | - |
| | - | 2021 | 1 | 6 Months | 2 | - 2 |
| DRUG DELIVERY: | | | | | | |
| PRINCIPLES AND | | | | | | i. |
| ENGINEERING | - | 2021 | 1 | 6 Months | 4 | - |
| DYNAMICS OF | | | | | | |
| STRUCTURES | - | 2021 | 1 | 6 Months | 1 | - |
| ECOLOGY AND | | | | | | |
| ENVIRONMENT | - | 2021 | 1 | 6 Months | 2 | - |
| ECONOMETRIC MODELLING | - | 2021 | 1 | 6 Months | 1 | - |
| EDUCATIONAL LEADERSHIP | - | 2021 | 1 | 6 Months | 1 | |
| ELECTRIC VEHICLES AND | | | | | | |
| RENEWABLE ENERGY | - | 2021 | 1 | 6 Months | 14 | 1 |
| ELECTROCHEMICAL | | 2021 | | | 14 | 1 |
| ENERGY STORAGE | - | 2021 | 1 | 6 Months | 1 | |
| | - | 2021 | I | | 1 | - |

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| ELEMENTS OF METAL CUTTING, MACHINE TOOLS, GEAR CUTTING AND CNC | | | | | | |
|--|-------|----------------|--|--------------|----------|----------|
| MACHINING ENERGY ECONOMICS AND | - | 2021 | 1 | 6 Months | 1 | - |
| POLICY | - | 2021 | 1 | 6 Months | 1 | - |
| ENGINEERING MECHANICS | - | 2021 | 1 | 6 Months | 2 | |
| ENTREPRENEURSHIP | - | 2021 | 1 | 6 Months | 2 | - |
| ENVIRONMENTAL CHEMISTRY | - | 2021 | 1 | 6 Months | 1 | _ |
| EXPERIMENTAL | 3 | , | | 2 | | 3 |
| BIOTECHNOLOGY | - | 2021 | 1 | 6 Months | 4 | - |
| FINANCIAL ACCOUNTING FLUID DYNAMICS AND | - | 2021 | 1 | 6 Months | 2 | - |
| TURBOMACHINES | - | 2021 | 1 | 6 Months | 1 | - |
| FLUID MACHINES | - | 2021 | 1 | 6 Months | 2 | - |
| FOUNDATION OF | | | | | | |
| COMPUTATIONAL FLUID | | 2021 | 1 | 6 Months | 4 | Υ. |
| FUNCTIONAL GENOMICS | | 2021 | 1 | 6 Months | 2 | |
| FUNDAMENTALS OF | | 2021 | | | <u> </u> | - |
| ADDITIVE MANUFACTURING | | | | 2 | | |
| TECHNOLOGIES | - | 2021 | 1 | 6 Months | 2 | - ** |
| FUNDAMENTALS OF ARTIFICIAL INTELLIGENCE | _ | 2021 | 1 | 6 Months | 21 | _ |
| FUNDAMENTALS OF | | 2021 | ' | 0 WORLI'S | | - |
| CONDUCTION AND | | | | | | |
| RADIATION | - | 2021 | 1 | 6 Months | 1 | - |
| FUNDAMENTALS OF CONVECTIVE HEAT | | | | | | |
| TRANSFER | - | 2021 | 1 | 6 Months | 1 | - |
| FUNDAMENTALS OF | | | | | | |
| MANUFACTURING PROCESSES | | 2024 | 1 | 6 Mantha | 2 | |
| FUNDAMENTALS OF | - | 2021 | 1 | 6 Months | 2 | - |
| PROTEIN CHEMISTRY | - | 2021 | 1 | 6 Months | 2 | - |
| GENETIC ENGINEERING: | | 0004 | | | | |
| THEORY AND APPLICATION GEOTECHNICAL | 5 | 2021 | 1 | 6 Months | 1 | 5 |
| ENGINEERING | | a | - N. | 5 12 - 24 | | <u>\</u> |
| LABORATORY | - | 2021 | 1 | 6 Months | 1 | - |
| GERMAN - I | | 2021 - | | C Marth | 40 | |
| | - | 2022 2021 - | 2 | 6 Months | 12 | |
| GERMAN - II | - | 2021 - | 2 | 6 Months | 3 | - |
| GETTING STARTED WITH | | | | | | |
| COMPETITIVE PROGRAMMING | | 2024 | 1 | 6 Months | 2 | |
| GLASS IN BUILDINGS : | - | 2021 | 1 | 6 Months | 2 | |
| DESIGN AND | | | | | | |
| | - | 2021 | 1 | 6 Months | 1 | - |
| GLOBALIZATION AND CULTURE | - | 2021 | 1 | 6 Months | 1 | - |
| HARDWARE MODELING | | 2021 | <u> </u> | | | |
| USING VERILOG | - | 2021 | 1 | 6 Months | 1 | - |

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| HEALTH RESEARCH FUNDAMENTALS2021 - 202226 Months3-HEAT EXCHANGERS: FUNDAMENTALS AND DESIGN ANALYSIS-202116 Months1-HISTORY OF ENGLISH LANGUAGE AND LITERATURE-202116 Months1-HOUSING POLICY & PLANNING-202116 Months1-HUMAN RESOURCE DEVELOPMENT-202116 Months1-IMAGE SIGNAL PROCESSING-202116 Months1-IMMUNOLOGY-202116 Months1-INDUSTRIAL BIOTECHNOLOGY-202116 Months1-INDUSTRIAL SAFETY PLANNING AND MANAGEMENTS-202116 Months1-INNOVATION BUSINESS MODELS AND ENTREPRENEURSHIP-202116 Months1-INTEGRATED WASTE MONDELS AND-202116 Months1- |
|--|
| HEAT EXCHANGERS: FUNDAMENTALS AND DESIGN ANALYSIS202116 Months3-HISTORY OF ENGLISH LANGUAGE AND LITERATURE-202116 Months1-HOUSING POLICY & PLANNING-202116 Months1-HUMAN RESOURCE DEVELOPMENT-202116 Months1-IMAGE SIGNAL PROCESSING-202116 Months1-IMMUNOLOGY INDUSTRIAL BIOTECHNOLOGY-202116 Months1-INDUSTRIAL SAFETY ENGINEERING-202116 Months1-INNOVATION BUSINESS MODELS AND ENTREPRENEURSHIP-202116 Months1-INTEGRATED WASTE-202116 Months1 |
| HEAT EXCHANGERS: - 2021 1 6 Months 1 - UDESIGN ANALYSIS - 2021 1 6 Months 1 - HISTORY OF ENGLISH - 2021 1 6 Months 1 - LANGUAGE AND - 2021 1 6 Months 1 - HUMAN RESOURCE - 2021 1 6 Months 1 - HUMAN RESOURCE - 2021 1 6 Months 1 - IMAGE SIGNAL - 2021 1 6 Months 1 - PROCESSING - 2021 1 6 Months 1 - IMAUNOLOGY - 2021 1 6 Months 1 - INDUSTRIAL - 2021 1 6 Months 1 - INDUSTRIAL SAFETY - 2021 1 6 Months 1 - INFRASTRUCTURE - 2021 1 6 Months 1 - INNOVATION BUSINESS - 2021 1 <td< td=""></td<> |
| DESIGN ANALYSIS-202116 Months1-HISTORY OF ENGLISH LANGUAGE AND LITERATURE-202116 Months1-HOUSING POLICY & PLANNING-202116 Months1-HUMAN RESOURCE-202116 Months1-DEVELOPMENT-202116 Months1-IMAGE SIGNAL PROCESSING-202116 Months1-IMMUNOLOGY-202116 Months1-INDUSTRIAL BIOTECHNOLOGY-202116 Months1-INDUSTRIAL SAFETY ENGINEERING-202116 Months1-INFRASTRUCTURE PLANNING AND MANAGEMENTS-202116 Months1-INNOVATION BY DESIGN-202116 Months1-INNOVATION, BUSINESS MODELS AND ENTREPRENEURSHIP-202116 Months1-INTEGRATED WASTE-202116 Months1 |
| DESIGN ANALYSIS-202116 Months1-HISTORY OF ENGLISH LANGUAGE AND LITERATURE-202116 Months1-HOUSING POLICY & PLANNING-202116 Months1-HUMAN RESOURCE DEVELOPMENT-202116 Months1-IMAGE SIGNAL PROCESSING-202116 Months1-IMMUNOLOGY-202116 Months1-INDUSTRIAL BIOTECHNOLOGY-202116 Months1-INDUSTRIAL SAFETY ENGINEERING-202116 Months1-INRASTRUCTURE PLANNING AND MANAGEMENTS-202116 Months1-INNOVATION BY DESIGN-202116 Months1INNOVATION, BUSINESS MODELS AND ENTREPRENEURSHIP-202116 Months1-INTEGRATED WASTE-202116 Months1 |
| HISTORY OF ENGLISH LANGUAGE AND LITERATURE-202116 Months1-HOUSING POLICY & PLANNING-202116 Months1-HUMAN RESOURCE DEVELOPMENT-202116 Months1-IMAGE SIGNAL PROCESSING-202116 Months1-IMMUNOLOGY BIOTECHNOLOGY-202116 Months1-INDUSTRIAL BIOTECHNOLOGY-202116 Months1-INDUSTRIAL SAFETY ENGINEERING-202116 Months1-INFRASTRUCTURE PLANNING AND MANAGEMENTS-202116 Months1-INNOVATION BY DESIGN-202116 Months1INNOVATION, BUSINESS MODELS AND ENTREPRENEURSHIP-202116 Months1-INTEGRATED WASTE-202116 Months1 |
| LANGUAGE AND LITERATURE-202116 Months1-HOUSING POLICY & PLANNING-202116 Months1-HUMAN RESOURCE DEVELOPMENT-202116 Months1-IMAGE SIGNAL PROCESSING-202116 Months1-IMAGE SIGNAL PROCESSING-202116 Months1-IMMUNOLOGY-202116 Months9-INDUSTRIAL BIOTECHNOLOGY-202116 Months1-INDUSTRIAL SAFETY ENGINEERING-202116 Months1-INFRASTRUCTURE PLANNING AND MANAGEMENTS-202116 Months1-INNOVATION BY DESIGN ENTREPRENEURSHIP-202116 Months1-INTEGRATED WASTE-202116 Months1- |
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| MODELS AND - 2021 1 6 Months 1 - INTEGRATED WASTE |
| ENTREPRENEURSHIP - 2021 1 6 Months 1 - INTEGRATED WASTE - - - - |
| INTEGRATED WASTE |
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| MANAGEMENT FOR A |
| SMART CITY - 2021 1 6 Months 1 - |
| INTELLECTUAL PROPERTY |
| RIGHTS AND COMPETITION |
| |
| LAW - 2021 1 6 Months 1 - INTRODUCTION TO |
| |
| AEROSPACE ENGINEERING - 2021 1 6 Months 6 |
| INTRODUCTION TO |
| AIRBREATHING |
| PROPULSION - 2021 1 6 Months 2 |
| - 2021 1 6 Months 2 - |
| AIDOBAET DEGLOVI |
| |
| INTRODUCTION TO |
| AIRPLANE PERFORMANCE - 2021 1 6 Months 5 |
| |
| BIOSTATISTICS - 2021 1 6 Months 2 |
| BIOSTATISTICS - 2021 1 6 Months 2 - INTRODUCTION TO |
| |
| |
| INTRODUCTION TO FUZZY |
| SET THEORY, ARITHMETIC |
| AND LOGIC - 2021 1 6 Months 1 - |
| INTRODUCTION TO |
| INDUSTRY 4.0 AND |
| |
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| INDUSTRIAL INTERNET OF 2021 - |
| INDUSTRIAL INTERNET OF 2021 - THINGS - 2022 2 6 Months 18 1 |
| INDUSTRIAL INTERNET OF 2021 - THINGS - 2022 2 6 Months 18 1 INTRODUCTION TO 2021 - - - 1 1 |
| INDUSTRIAL INTERNET OF THINGS2021 - 202226Months181INTRODUCTION TO INTERNET OF THINGS2021 - 202226Months291 |
| INDUSTRIAL INTERNET OF THINGS 2021 - 2022 2 6 Months 18 1 INTRODUCTION TO 2021 - 2021 - 2021 - 2021 - 1 1 |
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| INDUSTRIAL INTERNET OF THINGS2021 - 202226Months181INTRODUCTION TO INTERNET OF THINGS2021 - 202226Months291 |

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| INTRODUCTION TO LAW ON | 1 | | | | | |
|------------------------|-------|--------|-----|------------|---------------|--|
| ELECTRICITY | - | 2021 | 1 | 6 Months | 2 | |
| INTRODUCTION TO | | 2021 - | | | | |
| MACHINE LEARNING | - | 2022 | 2 | 6 Months | 42 | |
| INTRODUCTION TO | | | | | 42 | 4 |
| MECHANICAL VIBRATION | - | 2021 | 1 | C Mantha | | |
| INTRODUCTION TO | | 2021 | | 6 Months | 2 | - |
| MULTIMODAL URBAN | | | | | × | 6 |
| TRANSPORTATION | | | | | | |
| SYSTEMS (MUTS) | | | | | | |
| INTRODUCTION TO | | 2021 | 1 | 6 Months | 1 | - |
| | | | | | | |
| OPERATING SYSTEMS | | 2021 | 1 | 6 Months | 1 | - |
| INTRODUCTION TO | | | | | · · · | |
| POLYMER PHYSICS | - | 2021 | 1 | 6 Months | 2 | |
| INTRODUCTION TO | | | | 0 10011013 | <u> </u> | - |
| POLYMER SCIENCE | - | 2021 | 1 | 6 Months | | |
| INTRODUCTION TO | | 2021 | | 0 WORLINS | 2 | - |
| PROTEOGENOMICS | 1 A 1 | 2024 | | | | |
| INTRODUCTION TO | - | 2021 | 1 | 6 Months | 1 | - |
| QUANTUM COMPUTING: | | 4 | 5 | | - 157 | |
| QUANTUM ALCORPUTING | | | | | | |
| QUANTUM ALGORITHMS | | 84 | 1 | | | |
| AND QISKIT | | 2021 | 1 | 6 Months | 5 | - |
| INTRODUCTION TO | | ÷. | | | * | |
| QUANTUM FIELD | | | | | | |
| THEORY(THEORY OF | * s | | 34 | | | 1. E |
| SCALAR FIELDS) | - | 2021 | 1 | 6 Months | 2 | |
| INTRODUCTION TO R | | 2021 | | OWOTUTS | 3 | - |
| SOFTWARE | | 2024 | | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |
| INTRODUCTION TO | - | 2021 | 1 | 6 Months | 4 | 1 |
| RESEARCH | | | | | | |
| | - | 2021 | 1 | 6 Months | 2 | - |
| INTRODUCTION TO SMART | | | | 2 | | |
| GRID | - | 2021 | 1 | 6 Months | 1 | _ |
| INTRODUCTION TO SOLID | | | | | | |
| STATE PHYSICS | - | 2021 | 1 | 6 Months | 1 | |
| INTRODUCTION TO | | | | o Montana | in the second | - |
| TURBOMACHINERY | - | 2021 | 1 | 6 Months | • | |
| INTRODUCTION TO URBAN | | 2021 | | o wontins | 2 | - |
| PLANNING | | 2021 | | | | |
| INTRODUCTION TO | - | 2021 | 1 | 6 Months | 1 | - |
| WIRELESS AND CELLULAR | | | | | | |
| COMMUNICATIONS | | Q | | | Q | |
| | | 2021 | _ 1 | 6 Months | 15 | - |
| INTRODUCTORY ORGANIC | | | | | | |
| CHEMISTRY I | - | 2021 | 1 | 6 Months | 12 | - |
| JOINING TECHNOLOGIES | | 2.4 | | | | |
| FOR METALS | - | 2021 | 1 | 6 Months | 1 | |
| LEGAL AND REGULATORY | | | • | 0 WORLD | | - |
| ISSUES IN | | | | | | |
| BIOTECHNOLOGY | - | 2021 | 1 | C.Mantha | | |
| MANUFACTURING | | 2021 | 1 | 6 Months | 1 | - |
| STRATEGY | | 0004 | | | | |
| MARKETING MANAGEMENT | - | 2021 | 1 | 6 Months | 1 | - |
| | | | | | | |
| | - | 2021 | 1 | 6 Months | 2 | - |
| MARKETING RESEARCH | | | | | | |
| AND ANALYSIS | - | 2021 | 1 | 6 Months | 2 | |
| MATRIX METHOD OF | | | | | <u> </u> | - |
| STRUCTURAL ANALYSIS | - | 2021 | 1 | 6 Months | 1 | |
| MECHANICAL BEHAVIOR OF | | | | | 1 | - |
| MATERIALS | - | 2021 | 4 | G Manth | | |
| | | 2021 | 1 | 6 Months | 1 | - |

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|-------------------------|---------------------------------------|----------|----------|-------------|----|----------|
| MECHANISMS IN ORGANIC | | | | | | |
| CHEMISTRY | - | 2021 | 1 | 6 Months | 2 | - |
| METAL MEDIATED | | | | | | |
| SYNTHESIS-I | - | 2021 | 1 | 6 Months | 4 | - |
| MILLIMETER WAVE | | | | | | |
| TECHNOLOGY | - | 2021 | 1 | 6 Months | 1 | - |
| MODERN ALGEBRA | - | 2021 | 1 | 6 Months | 1 | 2 |
| MULTI-CORE COMPUTER | | | | o working | • | |
| ARCHITECTURE - STORAGE | | | | | | |
| AND INTERCONNECTS | - | 2021 | 1 | 6 Months | 1 | |
| NANOMATERIALS AND | | | | o montria | 1 | |
| THEIR PROPERTIES | - | 2021 | 1 | 6 Months | 1 | |
| NEUROSCIENCE OF HUMAN | | | | 0 10011013 | | |
| MOVEMENTS | - | 2021 | 1 | 6 Months | 1 | |
| NUCLEAR AND PARTICLE | | | 1 5 | 0 10011015 | | - |
| PHYSICS | - | 2021 | 1 | 6 Months | 1 | 8 |
| NUMERICAL METHODS AND | | 2021 | · · | | | - |
| SIMULATION TECHNIQUES | | | | | | 27 |
| FOR SCIENTISTS AND | | | | | | |
| ENGINEERS | - | 2021 | 1 | 6 Months | 4 | |
| OPERATING SYSTEM | | | <u> </u> | 0 10/01/015 | | - 0. |
| FUNDAMENTALS | - | 2021 | 1 | 6 Months | 16 | , × |
| PATENT LAW FOR | | | · · · · | 0 WOTUTS | 10 | - |
| ENGINEERS AND | | | × | | | |
| SCIENTISTS | - | 2021 | 1 | 6 Months | 1 | · · |
| PLATES AND SHELLS | 2004 | | | | 1 | - |
| | - | 2021 | 1 | 6 Months | 1 | - |
| POETRY | - | 2021 | 1 | 6 Months | 1 | - |
| POLYMER ASSISTED | | | | | | |
| ABRASIVE FINISHING | | | | | | |
| PROCESSES | - | 2021 | 1 | 6 Months | 1 | - |
| POLYMERS: CONCEPTS, | | a - | | | n | |
| PROPERTIES, USES AND | | | | | | |
| SUSTAINABILITY | - | 2021 | 1 | 6 Months | 8 | - |
| POWDER METALLURGY | - | 2021 | 1 | 6 Months | 1 | - |
| POWER SYSTEM ANALYSIS | | 2021 | 1 | 6 Months | 1 | 2 |
| POWER SYSTEM | | 2021 | | o wonths | 1 | |
| PROTECTION AND | | <u>k</u> | | | | |
| SWITCHGEAR | _ | 2021 | 1 | 6 Months | 4 | |
| PRACTITIONERS COURSE | | 2021 | | 0 WORLINS | 1 | |
| IN | | | | 4 | | |
| DESCRIPTIVE, PREDICTIVE | | 1 | | | | <u> </u> |
| AND PRESCRIPTIVE | | | | | | |
| ANALYTICS | - | 2021 | 1 | 6 Months | 1 | |
| PRINCIPLE OF HYDRAULIC | | 2021 | | | I | - |
| MACHINES AND SYSTEM | | ¢ | | | | 0 |
| DESIGN | - | 2021 | 1 | 6 Months | 1 | |
| PRINCIPLES AND | | 2021 | 1 | | 1 | - |
| APPLICATIONS OF | | | | | | |
| BUILDING SCIENCE | - | 2021 | 1 | 6 Months | 1 | |
| PRINCIPLES OF MODERN | | 2021 | 1 | | | - |
| CDMA/ MIMO/ OFDM | | | | | | |
| WIRELESS | | | | | | |
| COMMUNICATIONS | - | 2021 | 1 | 6 Months | 1 | |
| PRINCIPLES OF VIBRATION | | 2021 | <u> </u> | | 1 | - |
| CONTROL | - | 2021 | 1 | 6 Months | 1 | |
| | · · · · · · · · · · · · · · · · · · · | 2021 | ! | | | - |

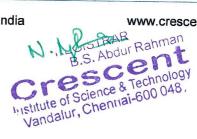
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|------------------------|----------|--------|------------|------------|-----|---|
| PROBABILITY AND | | | | | | |
| STATISTICS | - | 2021 | 1 | 6 Months | 1 | - |
| PROBABILITY FOR | | | | | | |
| COMPUTER SCIENCE | - | 2021 | 1 | 6 Months | 1 | - |
| PROBLEM SOLVING | | | | | | |
| THROUGH PROGRAMMING | | 2021 - | | | | |
| IN C | - | 2022 | 2 | 6 Months | 3 | - |
| PRODUCT DESIGN AND | | | | | | |
| DEVELOPMENT | - | 2021 | 1 | 6 Months | 2 | - |
| PROGRAMMING IN C++ | - | 2021 | 1 | 6 Months | 10 | |
| PROGRAMMING IN JAVA | 2 | 2021 - | • | 0 10011113 | 10 | - |
| | - | 2022 | 2 | 6 Months | 69 | 1 |
| PROGRAMMING, DATA | | | | o montris | 03 | |
| STRUCTURES AND | | | | | | |
| ALGORITHMS USING | | 2021 - | | | | |
| PYTHON | - | 2022 | 2 | 6 Months | 46 | |
| PROJECT PLANNING & | | | | | | |
| CONTROL | | 2021 | 1 | 6 Months | 5 | |
| PSYCHOLOGY OF | 2 | | | C Monard | | - |
| EVERYDAY | - | 2021 | 1 | 6 Months | 2 | 2 |
| PYTHON FOR DATA | | 2021 - | | e montrio | 2 | |
| SCIENCE | - 101 | 2022 | 2 | 6 Months | 58 | |
| QUANTUM CHEMISTRY OF | | | | o monario | | - |
| ATOMS AND MOLECULES | - | 2021 | 1 | 6 Months | - 1 | |
| RAC PRODUCT DESIGN | - | 2021 | 1 | | | - |
| REGRESSION ANALYSIS | | | | 6 Months | 3 | - |
| REINFORCED CONCRETE | - | 2021 | 1 | 6 Months | 1 | 2 |
| ROAD BRIDGES | | | 5 <u>4</u> | | | |
| | - | 2021 | 1 | 6 Months | 4 | - |
| REMOTE SENSING AND GIS | - | 2021 | 1 | 6 Months | 1 | - |
| RIGHT TO INFORMATION | | | | | • | |
| AND GOOD GOVERNANCE | - | 2021 | 1 | 6 Months | 1 | - |
| RIVER ENGINEERING | - | 2021 | 1 | 6 Months | | |
| SCALABLE DATA SCIENCE | | | | | 1 | - |
| | - | 2021 | 1 | 6 Months | 1 | - |
| SOCIAL NETWORKS | 1 | 2021 | 1 | 6 Months | 2 | - 3 - 5 |
| SOFTWARE ENGINEERING | - | 2021 | 1 | 6 Months | 81 | |
| SOFTWARE TESTING | | 2021 - | · · | 0 10011015 | 01 | - |
| 2 | | 2022 | 2 | 6 Months | 8 | |
| SOLAR ENERGY | 10 N | | | OWOTUTS | 0 | - 5 |
| ENGINEERING AND | | | 2 | a | | - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 |
| TECHNOLOGY | - | 2021 | 1 | 6 Months | 2 | |
| SOLAR PHOTOVOLTAICS | | | · · · | | 2 | - |
| FUNDAMENTALS, | 10 | | | ~ | | |
| TECHNOLOGY AND | | | | | | |
| APPLICATIONS | - | 2021 | 1 | 6 Months | 1 | * |
| SOLID MECHANICS | _ | 2021 | | | | - |
| SOLID STATE PHYSICS | | | 1 | 6 Months | 1 | - |
| SYSTEM DESIGN FOR | - | 2021 | 1 | 6 Months | 1 | - |
| SUSTAINABILITY | | | | | | |
| SYSTEM DESIGN THROUGH | - | 2021 | 1 | 6 Months | 1 | - |
| VERILOG | | | | | | |
| THE JOY OF COMPUTING | - | 2021 | 1 | 6 Months | 1 | - |
| USING PYTHON | | 2021 - | | | | |
| | - | 2022 | 2 | 6 Months | 26 | - |
| THEORY OF ELASTICITY | - | 2021 | 1 | 6 Months | 1 | - |
| | | | | | | |
| THERMODYNAMICS | - | 2021 | 1 | 6 Months | 3 | |

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| TISSUE ENGINEERING | | T | | | T | |
|---------------------------|--------|------|------|------------|------------|-----|
| TOTAL QUALITY | - | 2021 | 1 | 6 Months | 2 | - |
| MANAGEMENT - II | | - | | | | |
| TOYOTA PRODUCTION | - | 2021 | 1 | 6 Months | 1 | - |
| SYSTEM | | | | | | - |
| | - | 2021 | 1 | 6 Months | 1 | - |
| UAV DESIGN - PART II | - | 2021 | 1 | 6 Months | 1 | |
| URBAN GOVERNANCE AND | | | | 0 WORLINS | | - |
| DEVELOPMENT | | | | | | |
| MANAGEMENT (UGDM) | - | 2021 | 1 | GMantha | | |
| URBAN LANDUSE AND | | 2021 | | 6 Months | 1 | - |
| TRANSPORTATION | | | | | | |
| PLANNING | | 2024 | | | | 2 |
| URBAN UTILITIES | | 2021 | 1 | 6 Months | 2 | - |
| PLANNING : WATER | × | | | | | |
| SUPPLY, SANITATION AND | | | | | | |
| DRAINAGE | | | | | | |
| URBANIZATION AND | - | 2021 | 1 | 6 Months | 2 | - |
| ENVIRONMENT | | | | | | |
| | | 2021 | 1 | 6 Months | 1 | |
| VIBRATION AND | 2 | | U 54 | | | - |
| STRUCTURAL DYNAMICS | | 2021 | 1 | 6 Months | 1 | |
| VISUAL COMMUNICATION | | | | o montris | | - |
| DESIGN FOR DIGITAL | | | | | | |
| MEDIA | | 2021 | | 6 Months | | - |
| WASTEWATER TREATMENT | 2 | 2021 | | o wonths | 1 | - |
| AND RECYCLING | _ | 2021 | | 0.14 | _ | |
| WATER, SOCIETY AND | | 2021 | 1 | 6 Months | 2 | - |
| SUSTAINABILITY | | 2024 | | | | |
| WELDING APPLICATION | | 2021 | 1 | 6 Months | 1 | - |
| TECHNOLOGY | | | | | | |
| A BRIEF COURSE ON | - | 2021 | 1 | 6 Months | 1 | - |
| SUPERCONDUCTIVITY | | | | | | |
| A BRIEF INTRODUCTION OF | - | 2022 | 1 | 6 Months | 6 | 1 |
| A BRIEF INTRODUCTION OF | | | | | | • |
| MICRO - SENSORS | - | 2022 | 1 | 6 Months | 1 | |
| A STUDY GUIDE IN | | a. | 10 | | • | - |
| ORGANIC | | | | | | |
| RETROSYNTHESIS: | | | | 4 | 1 | |
| PROBLEM SOLVING | | | | | | |
| APPROACH | - | 2022 | 1 | 6 Months | | |
| COUSTIC MATERIALS AND | 5 | 2022 | | owonths | 1 | - |
| IETAMATERIALS | ~ - | 2022 | 0 | C M | | (C) |
| DVANCED CHEMICAL | | 2022 | 1 | 6 Months | 1 | - |
| HERMODYNAMICS AND | | | | E. | 3 | 2 |
| INETICS | | 2000 | 2 | | | |
| DVANCED COMPOSITES | - | 2022 | 1 | 6 Months | 2 | - |
| DVANCED COMPOSITES | - | 2022 | 1 | 6 Months | 3 | 2 |
| DVANCED FOUNDATION | | | | | | 2 |
| NGINEERING | - | 2022 | 1 | 6 Months | 5 | |
| DVANCED GRAPH | | | | 0 1011115 | 5 | - |
| HEORY | - | 2022 | 1 | G Mantha | | |
| DVANCED SOIL | | | | 6 Months | 3 | - |
| IECHANICS | _ | 2022 | | A M | | |
| DVANCED TOPICS IN THE | - | 2022 | 1 | 6 Months | 2 | - |
| CIENCE AND | | | | | | |
| ECHNOLOGY OF | | | | | | |
| | | | | | | |
| | | 2022 | 1 | 6 Months | 2 | |
| | - | 2022 | 1 | 0 MONUNS | Z 1 | - |
| CONSTRAINT ATISFACTION | - | 2022 | | 0 WORLIS | 2 | - |

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| AIR POLLUTION AND | | | | | | |
|---|-----|------|------|----------|---|--------------|
| | - | 2022 | 1 | 6 Months | 6 | - |
| AIRCRAFT DESIGN | - | 2022 | 1 | 6 Months | 5 | - |
| AN INTRODUCTION TO | | | | | | |
| ARTIFICIAL INTELLIGENCE AN INTRODUCTION TO | - | 2022 | 1 | 6 Months | 13 | - |
| PROGRAMMING THROUGH | | 2. | | | | |
| C++ | | 0000 | 1 | 3 | | 6 |
| ANTENNAS | | 2022 | 1 | 6 Months | 6 | - |
| | - | 2022 | 1 | 6 Months | 1 | - |
| APPLIED ENVIRONMENTAL MICROBIOLOGY | | | | | | |
| ARTIFICIAL INTELLIGENCE: | - | 2022 | 1 | 6 Months | 1 | - |
| KNOWLEDGE | | | | | | |
| REPRESENTATION AND | | | | | | |
| REASONING | | 2022 | | | | |
| ASPEN PLUS® | | 2022 | 1 | 6 Months | 19 | - |
| SIMULATION SOFTWARE - A | | | | | | |
| BASIC COURSE FOR | | | | | | |
| BEGINNERS | - | 2022 | 5. 1 | 6 Months | 1 1 | |
| AUTOMATIC CONTROL | _ | 2022 | 1 | | | - |
| BASIC CONSTRUCTION | | 2022 | | 6 Months | 1 | - |
| MATERIALS | - | 2022 | 5 | 6 Months | 0 | |
| BASIC COURSE IN | | | - | 0 WORLIS | . 8 🛸 | - |
| BIOMEDICAL RESEARCH | 8.1 | | | | | |
| CYCLE | - | 2022 | 1 | 6 Months | 2 | |
| BASIC THERMODYNAMICS: | | | | | | - |
| | | | | | | |
| STATISTICAL APPROACHES | - | 2022 | 1 | 6 Months | 1 | - |
| BASICS IN INORGANIC CHEMISTRY | | | | | | |
| BASICS OF BIOLOGY | - | 2022 | 1 | 6 Months | 5 | - |
| | - | 2022 | 1 | 6 Months | 1 | _ |
| BASICS OF | | | | | | |
| FLUORESCENCE SPECTROSCOPY | 2 | | 8 | | v | |
| | - | 2022 | 1 | 6 Months | 1 | - |
| BIOCHEMISTRY | - | 2022 | . 1 | 6 Months | 1 | 8 - <u>-</u> |
| BIOCHEMISTRY - IITM | - | 2022 | 1 | 6 Months | 2 | - |
| BIOELECTROCHEMISTRY | - | 2022 | 1 | | | |
| BIOENGINEERING: AN | | 2022 | 0 | 6 Months | 3 | - |
| INTERFACE WITH BIOLOGY | 2 | 2 | 3 | | 2 | |
| AND MEDICINE | - | 2022 | 1 | 6 Months | 3 | 20 × |
| BIOINFORMATICS: | | | | | | - |
| ALGORITHMS AND | | | | | 1 | |
| APPLICATIONS | - | 2022 | 1 | 6 Months | 1 | - |
| BIOINORGANIC CHEMISTRY | - | 2022 | 1 | 6 Months | 4 | |
| BIOINTERFACE | | | | | | |
| ENGINEERING | - | 2022 | 1 | 6 Months | 1 | - |
| BIOPHOTONICS | - | 2022 | 1 | 6 Months | 4 | |
| BIOREACTOR DESIGN AND | | | | | 4 | - |
| ANALYSIS | - | 2022 | 1 | 6 Months | 1 | |
| BLOCKCHAIN AND ITS | | | · | | | - |
| APPLICATIONS | - | 2022 | 1 | 6 Months | 14 | _ |
| BUSINESS ANALYTICS AND | | | | | | |
| DATA MINING MODELING | | | | | | |
| USING R | - | 2022 | 1 | 6 Months | 2 | - |
| | | | | | in the second | |

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| BUSINESS ANALYTICS FOR MANAGEMENT DECISION | - | 2022 | | | 5 | |
|---|-----|-------|---|--------------|---------|-------|
| BUSINESS LAW FOR | | 2022 | 1 | 6 Month | s 4 | - |
| MANAGERS | - | 2022 | | | | |
| CELL BIOLOGY: CELLULAR | | 2022 | 1 | 6 Month | s 1 | - |
| ORGANIZATION, DIVISION | | | | | | |
| AND PROCESSES | | 2022 | 1 | C M U | | |
| CHEMICAL PROCESS | | 2022 | | 6 Months | 5 5 | |
| INSTRUMENTATION | - | 2022 | 1 | 0.00 | | |
| CHEMISTRY OF MAIN | | | | 6 Months | 5 2 | - |
| GROUP ELEMENTS | - | 2022 | 1 | | | |
| CHEMISTRY: ATOMIC | | | | 6 Months | 3 | - |
| STRUCTURE AND | | | | | | 5 ° x |
| CHEMICAL BONDING | - 1 | 2022 | 1 | C Martin | | x |
| CIRCUIT ANALYSIS FOR | | LOLL | | 6 Months | 1 | - |
| ANALOG DESIGNERS | - | 2022 | | | | |
| CLOUD COMPUTING AND | | 2022 | 1 | 6 Months | 3 | - |
| DISTRIBUTED SYSTEMS | - | 2022 | 1 | | | |
| COMPILER DESIGN | | | 1 | 6 Months | 3 | - |
| COMPUTATIONAL FLUID | | 2022 | 1 | 6 Months | > 2 | - |
| DYNAMICS FOR | | 1 | | | | |
| INCOMPRESSIBLE FLOWS | | 0000 | | | | |
| COMPUTATIONAL SCIENCE | - | 2022 | 1 | 6 Months | 1 | |
| IN ENGINEERING | | 0000 | | 820 1 | | |
| COMPUTATIONAL SYSTEMS | | 2022 | 1 | 6 Months | 1 | |
| BIOLOGY | | 0.000 | | | | |
| COMPUTER | - | 2022 | 1 | 6 Months | 1 | - |
| ARCHITECTURE | | 0000 | | | | |
| COMPUTER NETWORKS | - | 2022 | 1 | 6 Months | 14 | 8 |
| AND INTERNET PROTOCOL | | 000- | | | | |
| CONCRETE TECHNOLOGY | - | 2022 | 1 | 6 Months | 9 | - |
| | - | 2022 | 1 | 6 Months | 4 | |
| CONSUMER BEHAVIOUR | - | 2022 | 1 | | | |
| CONTEXTUALIZING | | | 1 | 6 Months | 1 | - |
| GENDER | - | 2022 | 1 | GM | | |
| CO-ORDINATION | | | | 6 Months | 1 | - |
| HEMISTRY (CHEMISTRY | | | | 2 | | |
| OF TRANSITION ELEMENTS) | - | 2022 | 1 | 6 Manth | | |
| ORROSION - PART I | - | | | 6 Months | 11 | - |
| ATA ANALYSIS & | - | 2022 | 1 | 6 Months | 1 | - |
| ECISION MAKING - II | | 2000 | | | 0 | |
| ATA ANALYSIS AND | | 2022 | 1 | 6 Months | ->1 | - |
| ECISION MAKING - I | - | 2022 | | | | 1 |
| ATA ANALYTICS WITH | | 2022 | 1 | 6 Months | 1 | - |
| YTHON | | 2000 | | | е. О | |
| ATA MINING | | 2022 | 1 | 6 Months | 9 | - |
| EEP LEARNING - IIT | - | 2022 | 1 | 6 Months | 46 | |
| OPAR | | | | | 07 | - |
| EP LEARNING FOR | - | 2022 | 1 | 6 Months | 4 | |
| SUAL COMPUTING | | | | | | - |
| | - | 2022 | 1 | 6 Months | 4 | |
| MYSTIFYING THE BRAIN | - | 2022 | 1 | | | - |
| SIGN AND ANALYSIS OF | | | 1 | 6 Months | 1 | - |
| SI SUBSYSTEMS | - | 2022 | 1 | C 14 | | |
| SIGN AND ENGINEERING COMPUTER SYSTEMS | | 2022 | 1 | 6 Months | 1 | - |
| | 1 | | 1 | 1 | | |

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| DEVELOPMENT AND | 1 | | | | | |
|--|----------|------|-------|-----------|------------|----------|
| | | | | | | |
| APPLICATIONS OF SPECIAL | | | | | | |
| CONCRETES | - | 2022 | 1 | 6 Months | 2 | - |
| DIGITAL IC DESIGN | - | 2022 | 1 | 6 Months | 1 | - |
| DIGITAL LAND SURVEYING | | | | | | |
| AND MAPPING (DLS&M) | - | 2022 | 1 | 6 Months | 4 | - |
| DIGITAL PROTECTION OF | | | | 8 | | |
| POWER SYSTEM | - | 2022 | 1 | 6 Months | 1 | - |
| DIGITAL SYSTEM DESIGN | - | 2022 | 1 | 6 Months | 1 | |
| DISASTER RECOVERY AND | | | | | · · · | - |
| BUILD BACK BETTER | - | 2022 | 1 | 6 Months | 1 | - 3. |
| DISCRETE-TIME MARKOV | | | | | | |
| CHAINS AND POISSON | -20 | - | | ~~ | | - |
| PROCESSES | - | 2022 | 1 | 6 Months | 1 | - |
| E-BUSINESS | - | 2022 | 1 | 6 Months | 1 | |
| EFFECTIVE WRITING | | 2022 | - | | | - |
| ELECTRIC VEHICLES - PART | - | 2022 | 1 | 6 Months | . 2 | 1 |
| | _ | 2022 | 1 | G Mantha | - | |
| ELECTRICAL MACHINES - II | <u> </u> | | 1 | 6 Months | 5 | 1 |
| | - | 2022 | 1 | 6 Months | 1 | · |
| ELECTRONIC WASTE MANAGEMENT - ISSUES | 22 | · 8 | | 10 T | | |
| AND CHALLENGES | | 0000 | | | 23 2000 | |
| ELECTRONICS | - | 2022 | 1 | 6 Months | 2 | - |
| ENCLOSURES THERMAL | | • | | | | |
| ISSUES | | 2022 | 1 | C. Martin | | |
| ELEMENTS OF LITERATURE | | 2022 | 1 | 6 Months | 1 | - |
| AND CREATIVE | | | 4 | | | * |
| COMMUNICATION | - | 2022 | 1 | 6 Months | 4 | |
| EMBEDDED SYSTEMS | | 2022 | · · | ONUTIONS | 1 | - |
| DESIGN | - | 2022 | 1 | 6 Months | 7 | |
| ENGINEERING GRAPHICS | | | · · · | 0 1011113 | | 4 |
| AND DESIGN | - | 2022 | 1 | 6 Months | 2 | |
| ENGINEERING HYDROLOGY | _ | 2022 | 1 | 6 Months | 1 | |
| ENHANCING SOFT SKILLS | | 2022 | | o wonuns | | - |
| AND PERSONALITY | _ | 2022 | 1 | 6 Months | 2 | 20 gr |
| ENVIRONMENTAL | | 2022 | | OWOTUIS | 2 | - |
| CHEMISTRY AND | 283 | | | 1 | | |
| MICROBIOLOGY | - | 2022 | 1 | 6 Months | 1 | 5 |
| ENVIRONMENTAL QUALITY | | 8 | · · · | | • | |
| MONITORING & ANALYSIS | - | 2022 | 1 | 6 Months | 1 | 1 |
| ENVIRONMENTAL | | | | | · · · · · | |
| REMEDIATION OF | | | | | | |
| CONTAMINATED SITES | - | 2022 | 1 | 6 Months | 2 | - |
| ESSENTIALS OF DATA | 3 | | | | | 9 |
| SCIENCE WITH R | | | | | | |
| SOFTWARE - 1: | | | | | | |
| PROBABILITY AND | | | | | | |
| STATISTICAL INFERENCE | - | 2022 | 1 | 6 Months | 1 | - |
| ESSENTIALS OF DATA | | | | | | |
| SCIENCE WITH R SOFTWARE - 2: SAMPLING | | | | | | |
| THEORY AND LINEAR | | | | | | |
| REGRESSION ANALYSIS | | 2022 | 2 | | | <i>2</i> |
| ESSENTIALS OF | - | 2022 | 1 | 6 Months | 1 | - |
| OXIDATION, REDUCTION | | | | | | |
| AND C-C BOND | - | 2022 | 1 | 6 Months | ~ | |
| | - | 2022 | 1 | 6 Months | 2 | - |

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| FORMATION. APPLICATION IN ORGANIC SYNTHESIS | | | | | | |
|--|-----------|------|-----------|-----------------|--------|------------|
| ETHICAL HACKING | | | | | | |
| EXPANSIVE SOIL | | 2022 | 2 1 | 1 6 Mon | ths 23 | - |
| EXPERIMENTAL | | 2022 | ! 1 | 6 Mon | ths 1 | |
| BIOCHEMISTRY | | | | | | |
| EXPERIMENTAL PHYSICS III | + | 2022 | 1 | 6 Mon | ths 1 | - |
| FINANCIAL MANAGEMENT | | 2022 | 1 | 6 Mon | ths 1 | |
| FOR MANAGERS | 6 | | | | 1 | - |
| FINITE ELEMENT METHOD | | 2022 | 1 | 6 Mont | hs 6 | |
| FIRST COURSE ON PARTIAL | , - | 2022 | 1 | , 6 Mont | | |
| DIFFERENTIAL EQUATIONS | | | | | | 3 - |
| -1 | | | 1 | | | |
| FOUNDATION COURSE IN | - | 2022 | 1 | 6 Mont | hs 1 | _ |
| MANAGERIAL ECONOMICS | - | 2022 | | | | |
| FOUNDATIONS OF | <u> </u> | 2022 | 1 | 6 Mont | ns 4 | - |
| CRYPTOGRAPHY | - | 2022 | | | | |
| FUNDAMENTAL OF | 1 | 2022 | 1 | 6 Month | ns 16 | - |
| WELDING SCIENCE AND | | | | | | N. S. |
| TECHNOLOGY | - | 2022 | 1 | 6 Month | | a * a 🚓 |
| FUNDAMENTALS OF | 5. 16. | | | 0 WOIL | IS 1 | |
| ELECTRONIC MATERIALS AND DEVICES | | | | 2 | | - |
| FUNDAMENTALS OF | - | 2022 | 1 | 6 Month | s 1 | |
| SPECTROSCOPY | | | | | | - |
| FUNDAMENTALS OF | - | 2022 | 1 | 6 Month | s 1 | 1 _ |
| THEORETICAL AND | | | | | | |
| EXPERIMENTAL | | | | | | |
| AERODYNAMICS | - | 2022 | | | | |
| FUZZY SETS, LOGIC AND | | 2022 | 1 | 6 Months | 5 1 | - |
| SYSTEMS & APPLICATIONS | - | 2022 | 1 | 6 Manth | | |
| GEOGRAPHIC | | | | 6 Months | 5 2 | - |
| NFORMATION SYSTEMS GEOSYNTHETICS AND | | 2022 | 1 | 6 Months | 3 | |
| REINFORCED SOIL | | | | | | - |
| STRUCTURES | | 4 | | 2 2 | | 13 . |
| BEOTECHNICAL | - | 2022 | 1 | 6 Months | 1 | |
| NGINEERING - 1 | | 0000 | | | | |
| BEOTECHNICAL | - 0 | 2022 | 1 | 6 Months | 1 | - |
| | | | | | | 10 |
| OUNDATION | 19 - T | | ŀ | $P = -\delta x$ | ξ | , * |
| NGINEERING | - | 2022 | 1 | 6 Manth- | _ | |
| RAPH THEORY | - | 2022 | | 6 Months | 2 | - |
| UMAN MOLECULAR | | 2022 | 1 | 6 Months | 1 | - |
| ENETICS | - | 2022 | 1 | 6 Manth | 2 | |
| YDRAULIC ENGINEERING | - | 2022 | | 6 Months | 4 | - |
| DUSTRIAL AUTOMATION | | 2022 | 1 | 6 Months | 2 | - |
| ND CONTROL | - | 2022 | 1 | 6 Marti | | |
| DUSTRIAL INORGANIC | | | 1 | 6 Months | 2 | 1 |
| | - | 2022 | 1 | 6 Months | 2 | |
| FORMATION SECURITY - SECURE SYSTEMS | | | · · · · · | 5 WORLIS | 3 | - |
| IGINEERING | | | | | | |
| STRUMENTATION AND | - | 2022 | 1 | 6 Months | 2 | |
| OCESS CONTROL IN | | | | | - | - |
| OD INDUSTRY | | 0000 | | | | |
| | - | 2022 | 1 | 6 Months | 2 | |

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| | T | | 1 | | 1 | • |
|--|-------------|-------|---------|-----------|----|--------------|
| INTEGRATED CIRCUITS, | | | | | | |
| MOSFETS, OP-AMPS AND | | | | | | |
| THEIR APPLICATIONS | - | 2022 | 1 | 6 Months | 1 | - |
| INTEGRATED MARKETING | | | | | | |
| MANAGEMENT | - | 2022 | 1 | 6 Months | 1 | _ |
| INTELLECTUAL PROPERTY | | 0000 | | | | |
| INTERNATIONAL | | 2022 | 1 | 6 Months | 1 | - |
| Sector Se | | | 87 C | | | 4.9 |
| MARKETING | - | 2022 | 1 | 6 Months | 1 | - |
| INTRODUCTION TO | | | | | | |
| ACCOUNTING AND | | | | | | |
| FINANCE FOR CIVIL | | | | | | |
| ENGINEERS | - | 2022 | 1 | 6 Months | 13 | |
| INTRODUCTION TO | DC . | | · · · · | | | |
| ATMOSPHERIC AND SPACE | | | | | | |
| SCIENCES | _ | 2022 | 1 | 6 Months | | |
| INTRODUCTION TO | 22 | 2022 | | o wonths | 2 | - |
| CRYSTAL ELASTICITY AND | | | | | | |
| | | 0000 | | | | |
| | - | 2022 | 1 | 6 Months | 1 | - |
| INTRODUCTION TO | | | 1 | | 4 | 8 |
| DATABASE SYSTEMS | - | 2022 | 1 | 6 Months | 6 | - |
| INTRODUCTION TO | 1 A | | | | | |
| ENVIRONMENTAL | 1 | | | | | |
| ENGINEERING AND | 1 | | | | | 2 |
| SCIENCE - FUNDAMENTAL | | 855 Y | | | | |
| AND SUSTAINABILITY | | | | | | · · · · · · |
| CONCEPTS | - | 2022 | 1 | 6 Months | 1 | |
| INTRODUCTION TO LASER | | | | | | - |
| | - | 2022 | 1 | 6 Months | 1 | - |
| INTRODUCTION TO LAUNCH | | | 1 | | | |
| VEHICLE ANALYSIS AND | | | | | | 5.48° |
| DESIGN | - | 2022 | 1 | 6 Months | 2 | - |
| INTRODUCTION TO LEAN | 3 | | | | | |
| CONSTRUCTION | _ | 2022 | 1 | 6 Months | 22 | |
| INTRODUCTION TO | | | | o working | | |
| MACHINE LEARNING | | | | | | |
| (TAMIL) | | 2022 | 4 | Chantha | | A 8 |
| INTRODUCTION TO | | 2022 | 1 | 6 Months | 26 | - |
| MOLECULAR | | | | | | 3 |
| Transfer Andreas Province and Antonio an | | | | | | |
| THERMODYNAMICS | - | 2022 | 1 | 6 Months | 1 | - |
| INTRODUCTION TO | D. | | \$ | | | ^o |
| OPERATIONS RESEARCH | - | 2022 | 1 | 6 Months | 1 | - |
| INTRODUCTION TO | 2 · · · · · | -2 | 1 | 2 | | |
| PROBABILITY AND | | | | | | |
| STATISTICS | - | 2022 | 1 | 6 Months | 6 | _ |
| INTRODUCTION TO | | | • | 5 1001113 | | - |
| PROFESSIONAL SCIENTIFIC | | | | | | |
| COMMUNICATION | - | 2022 | 1 | 6 Months | | |
| INTRODUCTION TO | | 2022 | 1 | 6 Months | 1 | - |
| PROGRAMMING IN C | | 0000 | | | | |
| | - | 2022 | 1 | 6 Months | 10 | - |
| INTRODUCTION TO | | | | | | |
| PSYCHOLOGY | - | 2022 | 1 | 6 Months | 1 | - |
| INTRODUCTION TO SOFT | | | | | | |
| COMPUTING | - | 2022 | 1 | 6 Months | 1 | _ |
| LINEAR ALGEBRA | - | | | | | |
| MACHINE LEARNING FOR | - | 2022 | 1 | 6 Months | 1 | - |
| | | | | | | |
| | | | | | | |
| MANAGEMENT | - | 2022 | 1 | 6 Months | 1 | - |
| | | | | | | |

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| MACHINE LEARNING, ML | - | 2022 | 1 | 6 Month | is 5 | |
|---------------------------------------|----------|------|-------------|----------|------------|-----------|
| MAINTENANCE AND REPAIR OF CONCRETE | | | | | 5 5 | - |
| STRUCTURES | | | | | | |
| MANAGEMENT OF | - | 2022 | 1 | 6 Month | e 10 | |
| COMMERCIAL DANKING | | | | | s 10 | - |
| COMMERCIAL BANKING | - | 2022 | 1 | 6 Month | | |
| MANAGING CHANGE IN | | | | | s 1 | - |
| ORGANIZATIONS | - | 2022 | 1 | G Manth | | |
| MANUFACTURING | | | | 6 Months | s 1 | - |
| AUTOMATION | - | 2022 | 1 | C 14-11 | | |
| MANUFACTURING | | LOLL | | 6 Months | 5 1 | - |
| GUIDELINES FOR PRODUCT | | | | | 3 | |
| DESIGN | | 2022 | 1 | | | 7. a 2 |
| MANUFACTURING | | LOLL | | 6 Months | 1 | - |
| PROCESS TECHNOLOGY I & | <i>a</i> | | | | | |
| II | - | 2022 | | | | |
| MARKETING RESEARCH | | 2022 | 1 | 6 Months | 1 | - |
| AND ANALYSIS-II | - | 2022 | | | | |
| MATERIAL | - | 2022 | 1 | 6 Months | 1 | - |
| CHARACTERIZATION | - | 2020 | | | 20 m | |
| MATERIALS SCIENCE AND | - | 2022 | 1 | 6 Months | 1 | - |
| ENGINEERING | | 0000 | | | | |
| MATERNAL INFANT YOUNG | - | 2022 | 1 | 6 Months | 2 | 3 |
| CHILD NUTRITION | | | | | | |
| MATHEMATICAL | ••• | 2022 | 1 | 6 Months | 3 | |
| MODELLING: ANALYSIS AND | | | | • | | - C |
| APPLICATIONS | | | | | | |
| MECHANICAL | - | 2022 | 1 | 6 Months | 1 | |
| CHARACTERIZATION OF | | | | | | |
| BITUMINOUS MATERIALS | | | | | | |
| MECHANICO OF REIALS | - | 2022 | 1 | 6 Months | 2 | |
| MECHANICS OF SOLIDS | - | 2022 | 1 | 6 Months | | - |
| MECHATRONICS | - | 2022 | 1 | | 1 | - |
| MEDICAL BIOMATERIALS | - | 2022 | 1 | 6 Months | 1 | - |
| MEDICAL IMAGE ANALYSIS | _ | | 1 | 6 Months | 4 | - |
| MEDICINAL CHEMISTRY | - | 2022 | 1 | 6 Months | _ 1 | - |
| METABOLIC ENGINEERING | - | 2022 | 1 | 6 Months | 7 | 3 |
| | - | 2022 | 1 | 6 Months | 1 | - |
| ICROPROCESSORS AND | | | | | | - |
| | - | 2022 | 0 1 | 6 Months | a 0 | |
| ICROPROCESSORS AND | | | | | 2 | - |
| ICROCONTROLLERS | - | 2022 | 1 | 6 Months | 2 | |
| ICROWAVE REMOTE | | | | 6 Months | 6 | 1 |
| ENSING IN HYDROLOGY | - | 2022 | 1 | G Marti | - | |
| IODELLING AND | | 2022 | 1 | 6 Months | 3 | - |
| NALYTICS FOR SUPPLY | | 25 | | | | |
| HAIN MANAGEMENT | - | 2022 | 4 | | | |
| ODERN CONSTRUCTION | | 2022 | 1 | 6 Months | 1 | - |
| ATERIALS | - | 2022 | 4 | | | |
| ANOTECHNOLOGY IN | | 2022 | 1 | 6 Months | 7 | - |
| GRICULTURE | - | 2022 | | | | |
| ATURAL HAZARDS | | 2022 | 1 | 6 Months | 30 | - |
| ATURE AND PROPERTIES | - | 2022 | 1 | 6 Months | 2 | |
| F MATERIALS | | | 2 | | 2 | - |
| | - | 2022 | 1 | 6 Months | 5 | - |
| TWORK ANALYSIS | - | 2022 | | | 5 | 2 |
| URAL SCIENCE FOR | | 2022 | 1 | 6 Months | 2 | - |
| | | | | | | |

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| NON-CONVENTIONAL ENERGY RESOURCES | | 0000 | | | | |
|--------------------------------------|---|------|------------|---------------------------------------|-------|--------|
| NOVEL TECHNOLOGIES | | 2022 | 2 1 | 6 Month | ns 1 | 2 |
| FOR FOOD PROCESSING | | | | | | |
| AND SHELF-LIFE | | | | | | |
| EXTENSION | | | | | | |
| | - | 2022 | 1 | 6 Month | is 1 | |
| NUCLEAR ASTROPHYSICS | | 2022 | 1 | | | |
| OBJECT ORIENTED | | | | 6 Month | s 5 | 1 |
| SYSTEM DEVELOPMENT | | | | | | |
| USING UML, JAVA AND | | | | | | |
| PATTERNS | | 2000 | | | | |
| ONLINE PRIVACY | | 2022 | 1 | 6 Month | s 1 | _ |
| OPERATIONS | - | 2022 | 1 | 6 Month | s 3 | |
| MANAGEMENT | | | | e month | 3 3 | - |
| | - | 2022 | 1 | 6 Months | | |
| OPTICAL FIBER SENSORS | | 2022 | | | | - |
| OPTICAL SENSORS | | | 1 | 6 Months | 5 1 | - |
| OPTICAL SPECTROSCOPY | - | 2022 | 1 | 6 Months | 3 1 | |
| AND MICROSCOPY | | | | | · | |
| FUNDAMENTALS OF | | 5 | | | 8 | |
| OPTICAL MEASURE | 1 | | | 2 | 3 | |
| OPTICAL MEASUREMENTS | 1 | | | · · · · · · · · · · · · · · · · · · · | | |
| AND INSTRUMENTATION | - | 2022 | 1 | 6 Month | | 1 |
| PERICYCLIC REACTIONS | | | - <u> </u> | 6 Months | 1 | - |
| AND ORGANIC | | | | 10 A | ~ | 50 St. |
| PHOTOCHEMISTRY | ſ | 2022 | · . | | | 5. |
| PHYSICS OF BIOLOGICAL | | 2022 | 1 | 6 Months | 7 | - |
| SYSTEMS | | 0000 | | | | |
| PHYSICS THROUGH | - | 2022 | 1 | 6 Months | 1 | - |
| COMPUTATIONAL THINKING | | | | - | | |
| PLANT DEVELOPMENTAL | - | 2022 | 1 | 6 Months | 3 | |
| BIOLOGY | | | | | 0 | |
| POWER MANAGEMENT | - | 2022 | 1 | 6 Months | 3 | |
| | | | | e montris | 3 | 1 |
| INTEGRATED CIRCUITS | - | 2022 | 1 | 6 Months | | |
| POWER SYSTEM | | | | 0 WORLD'S | 1 | - |
| DYNAMICS, CONTROL AND | | | 8 | | | |
| MONITORING | - | 2022 | 1 | C M | | |
| POWER SYSTEM | | LULL | | 6 Months | 2 | - 6 |
| ENGINEERING | _ | 2022 | | | | |
| PRINCIPLES OF | | 2022 | 1 | 6 Months | 2 | - |
| MANAGEMENT | | 0000 | | | | |
| PROBABILITY €"I WITH | - | 2022 | 1 | 6 Months | ° 3 | 1 |
| XAMPLES USING R | | | | 2 | | |
| ROBABILITY AND | - | 2022 | 1 | 6 Months | 3 | |
| TOCHASTICS FOR | | | | | | - |
| INANCE | | ~ | | | | 1 |
| ROBABILITY METHODS IN | - | 2022 | 1 | 6 Months | 1 | |
| | | | | | | - |
| IVIL ENGINEERING | - | 2022 | 1 | 6 Months | | |
| RODUCT DESIGN AND | | | 1 | o wonths | 1 | - |
| ANUFACTURING | - | 2022 | 1 | G M | PLACE | |
| RODUCTION AND | | _022 | | 6 Months | 3 | 1 |
| PERATION MANAGEMENT | - | 2022 | | | | |
| | - | 2022 | 1 | 6 Months | 1 | - |
| ODERN C++ | | 0000 | | | | |
| JANTUM MECHANICS I | - | 2022 | 1 | 6 Months | 6 | |
| JANTUM TECHNOLOGY | - | 2022 | 1 | 6 Months | | - |
| | | | | 5 WORLDS | 12 | - |
| | 1 | 1 | 1 | | | |

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| PHENOMENA IN | 1 | Ι | | | Γ | |
|-------------------------|--------|---------------|----------|-----------|--|----------|
| MACROSCOPIC SYSTEMS | | | | | | |
| RECENT ADVANCES IN | | | | | | |
| TRANSMISSION | | | | | | |
| INSULATORS | | 2022 | 1 | 6 Months | 1 | |
| REMOTE SENSING: | - | 2022 | | 6 MONUNS | 1 | - |
| PRINCIPLES AND | | | | | | |
| APPLICATIONS | ×. | 2022 | | GMantha | 3 | a |
| RENEWABLE ENERGY | - | 2022 | 1 | 6 Months | 3 | |
| ENGINEERING: SOLAR, | | | | 10 | | * |
| WIND AND BIOMASS | | | | | | |
| ENERGY SYSTEMS | 3 | 2022 | 1 | 6 Months | 1 | 3 |
| RETROFITTING AND | - | 2022 | | ONUTION | and the second | - |
| REHABILITATION OF CIVIL | | | 8 | | | |
| INFRASTRUCTURE | | 2022 | 1 | 6 Months | 6 | |
| ROBOTICS AND CONTROL : | - | 2022 | <u> </u> | 0 WOTUTS | 0 | - |
| THEORY AND PRACTICE | | 2022 | 1 | 6 Months | 2 | |
| | | | - | | 2 | - |
| ROCKET PROPULSION | - | 2022 | 1 | 6 Months | 2 | - |
| RURAL WATER | r. | 2 | | 2 | | 8 |
| RESOURCES | ā v | | | 1 | - | |
| MANAGEMENT | - | 2022 | 1 | 6 Months | 2 | |
| SAFETY IN CONSTRUCTION | - | 2022 | 1 | 6 Months | 7 | - |
| SATELLITE ATTITUDE | | | | | | |
| DYNAMICS AND CONTROL | - | 2022 | 1 | 6 Months | <mark>_</mark> 1 | - |
| SCANNING ELECTRON / ION | | | | | | |
| / PROBE MICROSCOPY IN | 13. | | 5. | | | |
| MATERIALS | × | | | | | 8 n |
| CHARACTERIZATION | - | 2022 | 1 | 6 Months | 1 | - |
| SCHEDULING TECHNIQUES | | 101 012001 DI | | | | |
| | - | 2022 | 1 | 6 Months | 6 | - |
| SENSORS AND ACTUATORS | = | 2022 | 1 | 6 Months | · 1 | - |
| SERVICES MARKETING: A | | | | | | |
| PRACTICAL APPROACH | - | 2022 | 1 | 6 Months | 1 | - |
| SIGNAL PROCESSING | | | | | | |
| TECHNIQUES AND ITS | | | | 14 | | . a |
| APPLICATIONS | | 2022 | 1 | 6 Months | 1 | <u>-</u> |
| SIX SIGMA | - | 2022 | 1 | 6 Months | 3 | |
| SOFTWARE CONCEPTUAL | | | | | | |
| DESIGN | - | 2022 | 1 | 6 Months | 5 | <u>0</u> |
| SOIL STRUCTURE | | | 1 | | | |
| INTERACTION | - | 2022 | 1 | 6 Months | 4 | - |
| SOLAR PHOTOVOLTAICS: | | | | | | |
| PRINCIPLES, | | 1.2 | | 역할 | | ar: |
| TECHNOLOGIES & | | | | | | |
| MATERIALS | | 2022 | 1 | 6 Months | 1 | - |
| STATISTICAL MECHANICS | - | 2022 | 1 | 6 Months | 3 | - |
| STRATEGIES FOR | | | <u> </u> | o montino | <u> </u> | |
| SUSTAINABLE DESIGN | - | 2022 | 1 | 6 Months | 3 | - |
| STRUCTURAL ANALYSIS-I | - | 2022 | 1 | 6 Months | 5 | - |
| STRUCTURAL BIOLOGY | | | | | | |
| | - | 2022 | 1 | 6 Months | 2 | - |
| STRUCTURAL DYNAMICS | - | 2022 | 1 | 6 Months | 3 | - |
| STRUCTURE, FORM, AND | | | | | | |
| ARCHITECTURE: THE | | 2022 | | 0.14 | 0 .4 | |
| SYNERGY | - | 2022 | 1 | 6 Months | 24 | 9 |

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| SURFACE ENGINEERING OF | | | 1 | 1 | | |
|-------------------------|--|------|-----|----------|---------|-----|
| NANOMATERIALS | - | 2022 | 1 | 6 Months | 1 | - |
| SURFACE WATER | | | | | | |
| HYDROLOGY | - | 2022 | 1 | 6 Months | 1 | - |
| SYSTEMS AND USABLE | | | | | | |
| SECURITY | - | 2022 | 1 | 6 Months | 6 | - |
| TALENT ACQUISITION AND | 11 (1) (1) (1) (1) (1) (1) (1) (1) (1) (| * | 12 | 12 | | 2 |
| MANAGEMENT | - | 2022 | 1 | 6 Months | 1 | - |
| THERMAL PHYSICS | - | 2022 | 1 | 6 Months | 2 | - |
| TOOLS IN SCIENTIFIC | | | | | | |
| COMPUTING | , . – | 2022 | ,1 | 6 Months | 1, | - |
| TRAFFIC ENGINEERING | - | 2022 | 1 | 6 Months | 4 | - |
| TRANSFORM CALCULUS | | | | | | |
| AND ITS APPLICATIONS IN | | | | | | |
| DIFFERENTIAL EQUATIONS | - | 2022 | 1 | 6 Months | 1 | - |
| URBAN TRANSPORTATION | | | | | | |
| SYSTEMS PLANNING | - | 2022 | 1 | 6 Months | 6 | °- |
| USER INTERFACE DESIGN | - 1 | 2022 | 1 | 6 Months | 12 | 4 |
| VLSI SIGNAL PROCESSING | - | 2022 | - 1 | 6 Months | 2 | |
| WATER AND WASTE WATER | | | | | | |
| TREATMENT | • | 2022 | 1 | 6 Months | 6 | - |
| WATER SUPPLY | ч ь . | 2 | 5 | | 2. 2 | |
| ENGINEERING | | 2022 | 1 | 6 Months | 2 | · - |

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ANNEXURE 1.3.2 & 1.3.3

| S. No. | Details | Page No. |
|--------|---|-------------|
| 1. | Report on Enrollment of Students in the Value Added Courses | 2 |
| 2. | Certificate of Students in Value Added Courses | 18 |





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OFFICE OF DEAN (ACADEMIC AFFAIRS)

REPORT ON ENROLLMENT OF STUDENTS IN VALUE-ADDED COURSES (IIT BOMBAY- SPOKEN TUTORIAL COURSES)

(ODD SEMESTER 2021-22)

Ref. : 753 (A)/Dean(AA)/2022

DATE: 24.05.2022

1. Details of student's enrollment and completion in the IIT Bombay-ST value added courses for the Odd Semester 2021-22 in the various programmes of the institution:

| S. No. | Name of the Department | Name of the course | Name of the Faculty | Name of the programme | Year of the study | Section | Total No. of students enrolled | No. of students taken up the test | No. of students completed the test & certified |
|-----------|---------------------------|-----------------------------|------------------------------|--------------------------------------|----------------------|---------|---|--|--|
| 1 | ECE | LINUX | Mr. R. Iniyavan | B.Tech. (ECE) | 11 | А | 65 | 32 | 11 |
| 2 | ECE | Android app using Kotlin | Dr.K. Indra Gandhi | B.Tech. (ECE) | 111 | A | 43 | 23 | 20 |
| 3 | ECE | eSim | Dr. Parnasree Chakraborty | B.Tech. (ECE) | 111 | В | 44 | 32 | 24 |
| 4 | ECE | eSim | Dr. A. Ambika | B.Tech. (ECE) | IV | A | 49 | 13 | 11 |
| 5 | ECE | eSim | Dr. M. Vanmathi | B.Tech. (ECE) | IV | В | 48 | 7 | 6 |
| 6 | ECE | Python 3.4.3 | Ms. S.Anusooya | M.Tech VLSI & Embedded Systems | II | A | . 4, 4 | 4 | 4 |

BSACIST-IITB-Spoken Tutorial-Odd Semester 2021-22

DEAN (ACADEMIC AFFAIRS)

B.S. Abdur Rahman Crescent Institute





| S. No. | Name of the Department | Name of the course | Name of the Faculty | Name of the programme | Year of the study | Section | Total No. of students enrolled | No. of students taken up the test | No. of students completed the test & certified |
|-----------|---------------------------|---------------------------------|---------------------------|--------------------------------|----------------------|---------|---|--|--|
| 7 | Polymer Engineering | Introduction to Computers | Mr. D. Murali Manohar | B.Tech. Polymer Engineering | II | A | 22 | 20 | 18 |
| 8 | Polymer Engineering | UCSF Chimera | Dr. J.Shahitha Parveen | B.Tech. Polymer Engineering | 111 | A | 30 | 29 | 28 |
| 9 | Polymer Engineering | Q Cad | Ms. R.Daulath Banu | B.Tech. Polymer Engineering | IV | A | 13 | 12 | 10 |
| 10 | CA | RDBMS | Dr. P. Amudhavalli | B.Sc. (CS) | 11 | A | 42 | 4 | 4 |
| 11 | CA | RDBMS | Dr. Ashfauk Ahhmed | B.Sc. (CS) | 11 | В | 43 | 38 | 38 |
| 12 | CA | RDBMS | Dr. Zameer Gulzar | BCA (DS) | 11 | - | 55 | 31 | 31 |
| 13 | CA | RDBMS | Ms. Padmavathy | BCA (CTIS) | 11 | A | 44 | 32 | 32 |
| 14 | CA | RDBMS | Dr. Sonia Raman | BCA (CTIS) | 11 | В | 41 | 27 | 27 |
| 15 | CA | RDBMS | Ms. Preeti Verma | BCA (MAIS&MM) | 11 | - | 23 | 9 | 9 |
| 16 | CA | R | Dr. Shenbagapriya | B.Sc. (CS) | 111 | A | 43 | 1 | 1 |
| 17 | CA | R | Dr. Prasanna | B.Sc. (CS) | 111 | В | 43 | 7 | 7 |
| 18 | CA | R | Dr. A.K. Reshmy | BCA (DS) | 111 | - | 51 | 12 | 12 |
| 19 | CA | R | Ms. S. Sabaria | BCA (MAIS) | 111 | - | 42 | 4 | 4 |
| 20 | CA | R | Dr. S. Srisakthi | BCA (CTIS) | | A | 60 | - | - |





| S. No. | Name of the Department | Name of the course | Name of the Faculty | Name of the programme | Year of the study | Section | Total No. of students enrolled | No. of students taken up the test | No. of students completed the test & certified |
|-----------|---------------------------|-----------------------|-----------------------------|----------------------------------|----------------------|---------|---|--|--|
| 21 | CA | R | Dr. Shakila Anjum | BCA (CTIS) | 111 | В | 57 | - | - |
| 22 | CA | Python 3.4.3 | Dr. Javubar Sathick | MCA | | A | 44 | 15 | 15 |
| 23 | CA | Python 3.4.3 | Dr. Abdul Azeez Khan | MCA | 11 | В | 44 | 24 | 24 |
| 24 | CA | Arduino | Ms. Pandiyavathy | MCA | 111 | - | 3 | - | - |
| 25 | CSE | C & C++ | Ms. J. Brindha Merin | B.Tech CSE | | С | 57 | 31 | 27 |
| 26 | CSE | C & C++ | Dr. Madhina Banu | B.Tech CSE | 11 | В | 57 | 25 | 20 |
| 27 | CSE | Java | Ms. R.Akila | B.Tech CSE | 11 | A | 55 | 28 | 20 |
| 28 | CSE | Java | Ms. A.Radhika | B.Tech CSE | 11 | В | 55 | 28 | 26 |
| 29 | CSE | Java | Dr. C.Hema | B.Tech CSE | 11 | С | 56 | 38 | 30 |
| 30 | CSE | C & C++ | Dr. Niyati Kumari Behera | B.Tech. (AI&DS) | 11 | - | 59 | 2 | 2 |
| 31 | CSE | Java | Dr. L.Arun Raj | B.Tech CSE(cyber security) | II | _ | 30 | 27 | 18 |
| 32 | CSE | C & C++ | Dr. B.Karthikeyan | B.Tech CSE (IOT) | 11 | - | 24 | 20 | 12 |
| 33 | CSE | HTML | Ms. S.Subhashini | B.Tech CSE | 111 | A | 60 | 34 | 26 |
| 34 | CSE | HTML | Dr. B.Karthikeyan | B.Tech CSE | 111 | В | 62 | 19 | 10 |

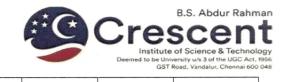
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| S. No. | Name of the Department | Name of the course | Name of the Faculty | Name of the programme | Year of the study | Section | Total No. of students enrolled | No. of students taken up the test | No. of students completed the test & certified |
|-----------|---------------------------|-----------------------|--------------------------|--------------------------|----------------------|---------|---|--|--|
| 35 | CSE | HTML | Mr. V. Balaji | B.Tech CSE | 111 | С | 63 | 62 | 40 |
| 36 | CSE | Linux | Ms. C. Vijayalakshmi | B.Tech CSE | IV | A | 50 | 30 | 28 |
| 37 | CSE | Linux | Dr. Dharini | B.Tech CSE | IV | В | 63 | 14 | 12 |
| 38 | CSE | Linux | Dr. A. Ramachandran | B.Tech CSE | IV | С | 63 | - | - |
| 39 | SLS | Biophython | Dr. P. Ashok Kumar | B.Tech. Biotechnology | 111 | А | 43 | 43 | 35 |
| 40 | SLS | Jmol | Dr. Subhamoy Banerjee | B.Tech. Biotechnology | 111 | А | 43 | 43 | 34 |
| 41 | SLS | Python | Dr. Vimal Kumar | B.Tech. Biotechnology | 111 | A | 43 | 9 | 6 |
| 42 | SLS | Scilab | Dr. Gulsaz Shammim | B.Tech. Biotechnology | IV | А | 45 | 45 | 34 |
| 43 | SLS | Avogadro | Dr. Mohammed Waseem | B.Tech. Biotechnology | IV | А | 45 | 43 | 29 |
| 44 | EIE | Arduino | Dr. G.Anitha | B.Tech EIE | 11 | A | 5 | 5 | 5 |
| 45 | EIE | Arduino | Dr. H.Kareemullah | B.Tech EIE | 111 | A | 10 | 10 | 10 |
| 46 | EIE | Python 3.4.3 | Dr. P.R.Hemavathy | B.Tech EIE | IV | A | 16 | 16 | 14 |





| S. No. | Name of the Department | Name of the course | Name of the Faculty | Name of the programme | Year of the study | Section | Total No. of students enrolled | No. of students taken up the test | No. of students completed the test & certified |
|-----------|---------------------------|---------------------|----------------------------|-----------------------------------|----------------------|---------|---|--|--|
| 47 | Commerce | Front Accounting | Dr. B. Ziavuddeen | B.Com General | I | A | 12 | 6 | 5 |
| 48 | EEE | esim | Dr. K.Sarmila Har Begam | B.Tech. Electrical Engineering | 11 | А | 43 | - | - |
| | TOTAL | | | | | | | 954 | 779 |

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2. Abstract of students enrollment and completion in various courses Department-wise in the Odd semester 2021-22.

| DEPARTMENT | TOTAL NO. OF STUDENTS ENROLLED | TOTAL NO. OF COURSES ENROLLED | TOTAL No. OF STUDENTS COMPLETED: |
|---------------|--------------------------------------|-------------------------------------|--|
| ECE | 253 | 4 | 76 |
| POLYMER | 65 | 3 | 56 |
| CA | 635 | 4 | 204 |
| CSE | 754 | 4 | 271 |
| LIFE SCIENCES | 219 | 5 | 138 |
| EIE | 31 | 2 | 29 |
| COMMERCE | 12 | 1 | 5 |
| EEE | 43 | 1 | - |
| TOTAL | 2012 | 24 | 779 |

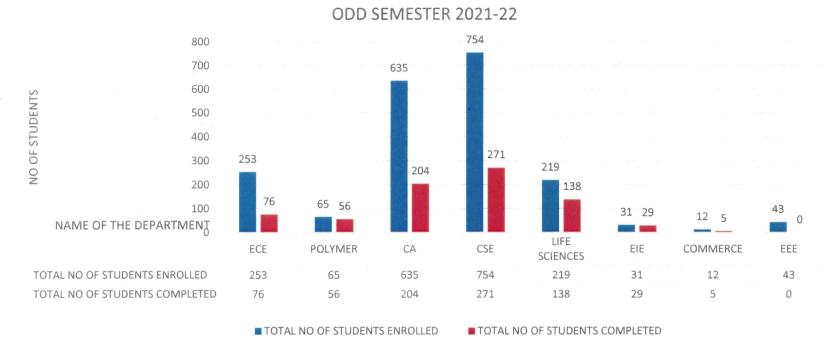
BSACIST-IITB-Spoken Tutorial-Odd Semester 2021-22

DEAN (ACADEMIC AFFAIRS) B.S. Abdur Rahman Crescent Institute of Science & Technology

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DETAILS OF SPOKEN TUTORIAL COURSE

Final Remarks:

• Totally 2012 students from 8 departments enrolled in 18 courses (which are offered for 24 batches) under Bombay IIT-ST value added course.

• Out of 2012 students, 954 students registered for examination and taken up the test and 779 students successfully completed the test and got certified.





3.Progress of students enrollement in the IITB(ST) courses: Ay 2018-19 - till date

| S.NO | DETAILS | EVEN SEMESTER (2018-19) | ODD SEMESTER (2019-20) | EVEN SEMESTER (2019-20) | ODD SEMESTER (2020-21) | EVEN SEMESTER (2020-21) | ODD SEMESTER (2021-2022) |
|------|---|-------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-----------------------------|
| 1. | Total number of courses enrolled | 46* | 69 [*] | 53 [*] | 59* | 28* | 18* |
| 2. | Total number of faculty involved | 41 | 57 | 44 | 57 | 26 | 47 |
| 3. | Total number of students enrolled | 1499 | 3127 | 2088 | 2656 | 1155 | 2012 |

*No.of courses considering repetitive offering of the same in the semester.

Ms. Preeti Verma Faculty Organizer IIT Bombay (ST), BSACIST

DEAN (ACADEMIC AFFAIRS) B.S. Abdur Rahman Crescent Institute of Science & Technology Vandalur, Chennai - 600 048, India

24/05/2022

Dr. M.S. Haji Sheik Mohammed Dean, Academic Affairs





OFFICE OF DEAN (ACADEMIC AFFAIRS)

REPORT ON ENROLLMENT OF STUDENTS IN VALUE-ADDED COURSES (IIT BOMBAY- SPOKEN TUTORIAL COURSES)

(EVEN SEMESTER 2021-22)

Ref. : 843/Dean(AA)/2022

Date : 28.11.2022

1. Details of student's enrollment and completion in the IIT Bombay-ST value added courses for the Even Semester 2021-22 in the various programmes of the institution:

| S. No. | Name of the Department | Name of the Course | Name of the Faculty | Name of the programme | Year of the study | Section | Total No. of students enrolled | No. of students taken up the test | No. of students completed the test & certified |
|--|---------------------------|-----------------------|------------------------------|-----------------------------------|-------------------------|---------|---|--|--|
| 1. | ECE | C AND C++ | Ms. S. Anusooya | B.Tech. (ECE) | I | A | 60 | 35 | 12 |
| 2. | ECE | C AND C++ | Ms. R. Anitha | B.Tech. (ECE) | I | В | 61 | 40 | 8 |
| 3. | ECE | Arduino | Mr. R. Iniyavan | B.Tech. (ECE) | | A | 61 | 27 | 26 |
| 4. | ECE | PHP and MySQL | Dr. K. Indira Gandhi | B.Tech. (ECE) | | A | 48 | 19 | 17 |
| 5. | ECE | Git | Dr. Parnasree Chakraborty | B.Tech. (ECE) | 111 | В | 44 | 38 | 20 |
| 6. | ECE | eSim | Dr. V. Jean Shilpa | M.Tech. (VLSI&ES) | I | А | 5 | 5 | 4 |
| 7. | Polymer Engineering | UCSF Chimera | Mr. D. Murali Manohar | B.Tech. Polymer Engineering | II | A | 22 | 15 | 2 |
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| S. No. | Name of the Department | Name of the Course | Name of the Faculty | Name of the programme | Year of the study | Section | Total No. of students enrolled | No. of students taken up the test | No. of students completed the test & certified |
|--------|---------------------------|-----------------------|-----------------------------|-----------------------------------|-------------------------|---------|---|--|--|
| 8. | Polymer Engineering | Q-CAD | Dr. J. Shahitha Parveen | B.Tech. Polymer Engineering | 111 | A | 29 | 20 | 9 |
| 9. | Polymer Engineering | Latex | Ms. R.DaulathBanu | B.Tech. Polymer Engineering | IV | A | 13 | 7 | 2 |
| 10. | SLS | C Program | Dr. A. Baskaran | B.Tech. Biotech | I | A | 65 | 45 | 25 |
| 11. | SLS | Python 3.4.3 | Dr. C. Simon Durairaj | B.Tech. Biotech | II | A | 65 | 48 | 22 |
| 12. | SLS | Biophython | Dr. P. Ashok Kumar | B.Sc. Biotech | 11 | A | 43 | 36 | 17 |
| 13. | SLS | Avogadro | Dr. I. Faridha Begum | B.Tech. Biotech | | A | 39 | 35 | 27 |
| 14. | SLS | Cell Designer | Dr. P. Ashok Kumar | B.Tech. Biotech | 111 | A | 1 | 1 | 1 |
| 15. | Computer Applications | C and CPP | Dr. C. SenthilSelvi | B.Sc. (CS) | I | A | 52 | 50 | 49 |
| 16. | Computer Applications | C and CPP | Dr. Mohamed Divan Masood | BCA (CTIS) | I | A | 54 | 27 | 14 |
| 17. | Computer Applications | C and CPP | Dr. S. Shahar Banu | BCA(DS) | I | A | 54 | 23 | 22 |
| 18. | Computer Applications | C and CPP | Dr. S. Shahar Banu | BCA (MM) | I | A | 6 | 5 | 5 |





| S. No. | Name of the Department | Name of the Course | Name of the Faculty | Name of the programme | Year of the study | Section | Total No. of students enrolled | No. of students taken up the test | No. of students completed the test & certified |
|--------|---------------------------|-----------------------|-------------------------------|-----------------------|-------------------------|---------|---|--|--|
| 19. | Computer Applications | Java | Dr. A. K. Reshmy | MCA | I | A | 61 | 33 | 24 |
| 20. | Computer Applications | Java | Mrs. S. P. Chithra Preetha | MCA | I | В | 62 | 21 | 16 |
| 21. | Computer Applications | Python 3.4.3 | Dr. K. Javubar Sathick | B.Sc. (CS) | 11 | A | 42 | 26 | 24 |
| 22. | Computer Applications | Python 3.4.3 | Dr. A. K. Ashfauk Ahamed | B.Sc. (CS) | II | В | 43 | 15 | 12 |
| 23. | Computer Applications | Python 3.4.3 | Ms. Preeti Verma | BCA (DS) | 11 | A | 56 | 21 | 19 |
| 24. | Computer Applications | Python 3.4.3 | Dr. V. J. Sowmya | BCA (CTIS) | 11 | A | 44 | 29 | 24 |
| 25. | Computer Applications | Python 3.4.3 | Dr. Abdul Azeez Khan | BCA (CTIS) | 11 | В | 41 | 37 | 31 |
| 26. | Computer Applications | Python 3.4.3 | Mrs. T. Pandiyavathy | BCA (MAIS & MM) | 11 | A | 23 | 18 | 15 |
| 27. | IT | HTML | Ms. A. Sonya | B.Tech IT | IV | A | 59 | 55 | 40 |
| 28. | IT | RDBMS PostgreSQL | Dr. P. Gnanasekaran | B.Tech IT | 111 | A | 60 | 45 | 40 |
| 29. | EIE | Python 3.4.3 | Dr. H. Kareemullah | B.TechEIE | IV | - | 10 | 6 | 6 |
| 30. | EIE | Python 3.4.3 | Dr. G. Anitha | B.TechEIE | - 111 | - | 6 | 5 | 4 |

BSACIST-IITB-Spoken Tutorial-Even Semester 2021-22

DEAN (ACADEMIC AFFAIRS) B.S. Abdur Rahman Crescent Institute - Jonic Older 28/11/20 22 of Science & Technology

Page 3





| S. No. | Name of the Department | Name of the Course | Name of the Faculty | Name of the programme | Year of the study | Section | Total No. of students enrolled | No. of students taken up the test | No. of students completed the test & certified |
|--------|---------------------------|-----------------------|--------------------------------|---|-------------------------|---------|---|--|--|
| 31. | EIE | Arduino | Dr. M.S. Murshitha Shajahan | B.TechEIE | 11 | - | 20 | 11 | 9 |
| 32. | EIE | Blender | Dr. M.S. Murshitha Shajahan | B.TechEIE | II | - | 2 | 2 | - |
| 33. | CSE | Linux | Ms. R. Akila | B.Tech CSE | 111 | В | 63 | 30 | 25 |
| 34. | CSE | Linux | Ms. J. Brindha Merin | B.Tech CSE | | С | 62 | 30 | 28 |
| 35. | CSE | PHP & MYSQL | Dr. Jayapriya | B.Tech CSE | 11 | A | 62 | 25 | 22 |
| 36. | CSE | PHP & MYSQL | Dr. Madhina Banu | B.Tech CSE | 11 | В | 58 | 30 | 30 |
| 37. | CSE | PHP & MYSQL | Dr. B. Dhanalakshmi | B.Tech CSE | 11 | С | 57 | 57 | 57 |
| 38. | CSE | PHP & MYSQL | Dr. C.Hema | B.Tech CSE (IOT & Cyber Security) | II | - | 54 | 52 | 27 |
| 39. | CSE | Python 3.4.3 | Ms. J.BrindhaMerin | M.Tech CSE | I | - | 14 | 14 | 13 |
| 40. | CSE | Python 3.4.3 | Ms. C. Vijayalakshmi | M.Tech. (AI & DS) | I | - | 5 | 5 | 5 |
| 41. | CSE | C & C++ | Dr. J. Jayapriya | B.Tech CSE | I | В | 64 | 37 | 35 |





| S. No. | Name of the Department | Name of the Course | Name of the Faculty | Name of the programme | Year of the study | Section | Total No. of students enrolled | No. of students taken up the test | No. of students completed the test & certified |
|--------|---------------------------|-----------------------|--------------------------|-----------------------|-------------------------|---------|---|--|--|
| 42. | CSE | Advance Cpp | Ms. A.Radhika | B.Tech CSE | l | A | 63 | 56 | 51 |
| 43. | CSE | C & C++ | Ms. Karthiga | B.Tech. (AI&DS) | · | A | 60 | 58 | 55 |
| 44. | Civil Engineering | QGIS | Mr. B. Kannadasan | B.Tech Civil | IV | - | 50 | 45 | 45 |
| 45. | Civil Engineering | Inkscape | Dr. Nishakhanm | B.Tech Civil | 111 | - | 39 | 35 | 35 |
| 46. | Civil Engineering | QCAD | Mr. S. Dhamodharan | B.Tech Civil | 11 | - | 39 | 29 | 29 |
| 47. | Civil Engineering | Latex | Dr. K. Yogeswari | M.Tech. (CEPM) | 11 | - | 5 | 5 | 5 |
| 48. | Civil Engineering | QCAD | Mr. B. Kannadasan | M.Tech. (CEPM) | II | - | 5 | 5 | 5 |
| 49. | Civil Engineering | Latex | Dr. K. Yogeswari | M.Tech. (STR) | | | 11 | 9 | 9 |
| 50. | Civil Engineering | QCAD | Mr. B. Kannadasan | M.Tech. (STR) | | - | 11 | 9 | 9 |
| 51. | Civil Engineering | QCAD | Mrs. M. AyishaSidiqua | M.Tech. (STR) | I | - | 19 | 7 | 7 |
| 52. | Civil Engineering | QCAD | Mr. A. Sheik farid | M.Tech. (CEPM) | I | - | 16 | 8 | 8 |
| 53. | Civil Engineering | QCAD | Dr. K. Yogeswari | B.Tech Civil | | - | 38 | 25 | 25 |





| S. No. | Name of the Department | Name of the Course | Name of the Faculty | Name of the programme | Year of the study | Section | Total No. of students enrolled | No. of students taken up the test | No. of students completed the test & certified |
|--------|---------------------------|--|-----------------------------|-----------------------|-------------------------|---------|---|--|--|
| 54. | Commerce | Front Accounting | Dr. B. Ziavuddeen | B.com- General | I | A | 42 | 26 | 26 |
| 55. | EEE | LaTex | Mrs. V. Bharanigha | M.Tech. | I | A | 4 | 4 | 4 |
| 56. | EEE | Moodle Learning Management System | Dr. R. Zahira | B.Tech. (EEE) | IV | A | 22 | - | - |
| 57. | EEE | Moodle Learning Management System | Dr. K. Sarmila Har Begam | B.Tech. (EEE) | 111 | A | 43 | - | - |
| 58. | EEE | Scilab | Dr. S. JennathuBeevi | B.Tech. (EEE) | II | A | 33 | - | - |
| | TOTAL | | | | | | | 1401 | 1101 |

DEAN (ACADEMIC 28)11/2022

DEAN (ACADEMIC AFFAIRS) B.S. Abdur Rahman Crescent Institute of Science & Technology Vandalur, Chennai - 600 048, India

y.



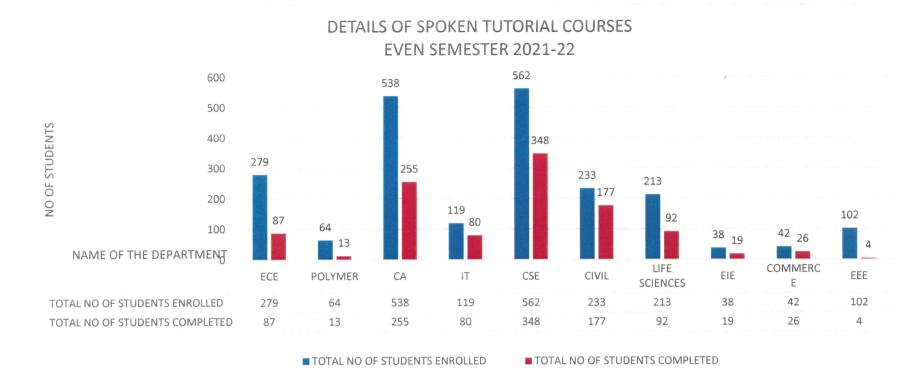


2. Abstract of students enrollment and completion in various courses department-wise in the Even semester 2021-22

| DEPARTMENT | TOTAL NO. OF STUDENTS ENROLLED | TOTAL NO. OF COURSES ENROLLED | TOTAL NO. OF STUDENTS COMPLETED: |
|--------------|--------------------------------------|-------------------------------------|--|
| ECE | 279 | 5 | 87 |
| POLYMER | 64 | 3 | 13 |
| CA | 538 | 3 | 255 |
| IT | 119 | 2 | 80 |
| CSE | 562 | 5 | 348 |
| CIVIL | 233 | 4 | 177 |
| LIFESCIENCES | 213 | 5 | 92 |
| EIE | 38 | 3 | 19 |
| COMMERCE | 42 | 1 | 26 |
| EEE | 102 | 3 | 4 |
| TOTAL | 2190 | 34 | 1101 |







Final Remarks:

- Totally 2190 Students from 10 Departments enrolled in 24 courses (which are offered for 34 Batches) under Bombay IIT-ST value added course.
- Out of 2190 students, 1401 students registered for exam and taken up the test and 1101 students successfully completed the test and got certified.





3. Progress of students enrollement in the IITB(ST) courses: AY 2018-19 - till date

| S.NO | DETAILS | EVEN SEMESTER (2018-19) | ODD SEMESTER (2019-20) | EVEN SEMESTER (2019-20) | ODD SEMESTER (2020-21) | EVEN SEMESTER (2020-21) | ODD SEMESTER (2021-2022) | EVEN SEMESTER (2021-22) |
|------|--|-------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|
| 1. | Total number of courses enrolled | 46 [*] | 69* | 53* | 59* | 28* | 18* | 24* |
| 2. | Total number of faculty involved | 41 | 57 | 44 | 57 | 26 | 47 | 50 |
| 3. | Total number of students enrolled | 1499 | 3127 | 2088 | 2656 | 1155 | 2012 | 2190 |

* No.of courses considering repetitive offering of the same in the semester.

28/11

Ms. Preeti Verma Faculty Organizer IIT Bombay (ST), BSACIST

DEAN (ACADEMIC AFFAIRS) B.S. Abdur Rahman Crescent Institute of Science & Technology Vandalur, Chennai - 600 048, India

10 28/11/2022 Lond

^a Dr. M.S. Haji Sheik Mohammed Dean, Academic Affairs



Certificate for Completion of Python 3.4.3 Training

This is to certify that **ABDUL JALEEL. M.M** has successfully completed **Python 3.4.3** test organized at **B.S Abdur Rahman Crescent Institute of Science and Technology** by **Hemavathy P R** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Anitha G from B.S Abdur Rahman Crescent Institute of Science and Technology invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Prof. Kannan M Moudgalya IIT Bombay

January 10th 2022

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

2409110ZHP



This is to certify that **ABDUL RAHMAN M** has successfully completed **Arduino** test organized at **B.S Abdur Rahman Crescent Institute of Science and Technology** by **KAREEMULLAH HAKIM** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Anitha G from B.S Abdur Rahman Crescent Institute of Science and Technology invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Prof. Kannan M Moudgalya IIT Bombay

January 5th 2022

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

21975867B3



This is to certify that **ABDUL SHAJEED W** has successfully completed **Arduino** test organized at **B.S Abdur Rahman Crescent Institute of Science and Technology** by **Hemavathy P R** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Anitha G from B.S Abdur Rahman Crescent Institute of Science and Technology invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Prof. Kannan M Moudgalya IIT Bombay

January 7th 2022

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299051952G



This is to certify that **HEEBA NASSER** has successfully completed **Arduino** test organized at **B.S Abdur Rahman Crescent Institute of Science and Technology** by **Hemavathy P R** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Anitha G from B.S Abdur Rahman Crescent Institute of Science and Technology invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Prof. Kannan M Moudgalya IIT Bombay

January 7th 2022

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29905150BM



This is to certify that **MOHAMED THAHSEEN T** has successfully completed **Arduino** test organized at **B.S Abdur Rahman Crescent Institute of Science and Technology** by **KAREEMULLAH HAKIM** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Anitha G from B.S Abdur Rahman Crescent Institute of Science and Technology invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Prof. Kannan M Moudgalya IIT Bombay

January 5th 2022

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2197591QXF



Certificate for Completion of Python 3.4.3 Training

This is to certify that **SHAIKH AMAN GAFUR** has successfully completed **Python 3.4.3** test organized at **B.S Abdur Rahman Crescent Institute of Science and Technology** by **Hemavathy P R** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Anitha G from B.S Abdur Rahman Crescent Institute of Science and Technology invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Prof. Kannan M Moudgalya IIT Bombay

January 10th 2022

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2224742SZX



Organized by

Department of Mathematics & Actuarial Science

CERTIFICATE OF PARTICIPATION

This is to certify that ______ S.ABENAYA _____ RRN _200502601001 _____ has attended the value added course "Numerical Methods", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

Dr. Mahadev Ota Coordinator

Dr. P.S.Sheik Uduman HOD (Maths & Actuarial Science)



Organized by

Department of Mathematics & Actuarial Science

CERTIFICATE OF PARTICIPATION

This is to certify that ______ **R. ARULKUMAR** ______ RRN __200502601002 _____ has attended the value added course "**Numerical Methods**", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

Dr. Mahadev Ota Coordinator

Dr. P.S.Sheik Uduman HOD (Maths & Actuarial Science)



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Department of Mathematics & Actuarial Science

CERTIFICATE OF PARTICIPATION

This is to certify that ______ BILAL AHMAD BHAT _____ RRN _200502601003 _____ has attended the value added course "Numerical Methods", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

Dr. Mahadev Ota Coordinator

Dr. P.S.Sheik Uduman HOD (Maths & Actuarial Science)



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CERTIFICATE OF PARTICIPATION

This is to certify that ______ DHANALAKSHMI C ______ RRN __200502601004 _____ has attended the value added course "Numerical Methods", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

Dr. Mahadev Ota Coordinator

Dr. P.S.Sheik Uduman HOD (Maths & Actuarial Science)



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Department of Mathematics & Actuarial Science

CERTIFICATE OF PARTICIPATION

This is to certify that ______ GAYATHIRI G ______ RRN _200502601005 _____ has attended the value added course "Numerical Methods", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

Dr. Mahadev Ota Coordinator

Dr. P.S.Sheik Uduman HOD (Maths & Actuarial Science)



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Department of Mathematics & Actuarial Science

CERTIFICATE OF PARTICIPATION

This is to certify that ______ KASHIF MAQBOOL DAR _____ RRN _200502601007 _____ has attended the value added course "Numerical Methods", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

Dr. Mahadev Ota Coordinator

Dr. P.S.Sheik Uduman HOD (Maths & Actuarial Science)



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Department of Mathematics & Actuarial Science

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This is to certify that ______ S. LAKSHMI PRIYA _____ RRN __200502601008 _____ has attended the value added course "Numerical Methods", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

Dr. Mahadev Ota Coordinator

Dr. P.S.Sheik Uduman HOD (Maths & Actuarial Science)



Organized by

Department of Mathematics & Actuarial Science

CERTIFICATE OF PARTICIPATION

This is to certify that ______NITHIYA V ______RRN _200502601009 _____has attended the value added course "Numerical Methods", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

Dr. Mahadev Ota Coordinator

Dr. P.S.Sheik Uduman HOD (Maths & Actuarial Science)



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Department of Mathematics & Actuarial Science

CERTIFICATE OF PARTICIPATION

This is to certify that ______ V.POONGUZHALI _____ RRN __2005026010____ has attended the value added course "Numerical Methods", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

Dr. Mahadev Ota Coordinator

Dr. P.S.Sheik Uduman HOD (Maths & Actuarial Science)



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Department of Mathematics & Actuarial Science

CERTIFICATE OF PARTICIPATION

This is to certify that ______ **G. R. PRAVEEN RAO** ______ RRN __200502601011 _____ has attended the value added course "**Numerical Methods**", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

Dr. Mahadev Ota Coordinator

Dr. P.S.Sheik Uduman HOD (Maths & Actuarial Science)



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This is to certify that ______ SANTHOSH L _____ RRN _200502601012 _____ has attended the value added course "Numerical Methods", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

Dr. Mahadev Ota Coordinator

Dr. P.S.Sheik Uduman HOD (Maths & Actuarial Science)



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This is to certify that ______ SARASWATHY R _____ RRN __200502601013 _____ has attended the value added course "Numerical Methods", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

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This is to certify that ______ SARMAD MANZOOR _____ RRN __200502601014 _____ has attended the value added course "Numerical Methods", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

Dr. Mahadev Ota Coordinator

Dr. P.S.Sheik Uduman HOD (Maths & Actuarial Science)



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Department of Mathematics & Actuarial Science

CERTIFICATE OF PARTICIPATION

This is to certify that _______ **VISHALAKSHI S** ______ RRN __200502601016 _____ has attended the value added course "**Numerical Methods**", organized by the Department of Mathematics & Actuarial Science, B. S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai-48 during September to November 2021.

Dr. Mahadev Ota Coordinator

Dr. P.S.Sheik Uduman HOD (Maths & Actuarial Science)



Certificate for Completion of Introduction to Computers Training

This is to certify that **DHANUSH P** has successfully completed **Introduction to Computers** test organized at **B.S Abdur Rahman Crescent Institute of Science and Technology** by **Dr. Ziavuddeen b** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Preeti Verma through Google Meet from B.S Abdur Rahman Crescent Institute of Science and Technology invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Prof. Kannan M Moudgalya IIT Bombay

November 29th 2022

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

3208823NJ8



Certificate for Completion of FrontAccounting-2.4.7 Training

This is to certify that **ESWARI N** has successfully completed **FrontAccounting-2.4.7** test organized at **B.S Abdur Rahman Crescent Institute of Science and Technology** by **Dr. Ziavuddeen b** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Preeti Verma through Google Meet from B.S Abdur Rahman Crescent Institute of Science and Technology invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Prof. Kannan M Moudgalya IIT Bombay

November 25th 2022

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32087482XI





Certificate of Appreciation

has been awarded to

NAVEEN KUMAR S

for clearing the IFRS examination conducted by International Skill Development Corporation

at BSACIST, Chennai

on 4th July 2022.

Teresa Jacobs Executive Director - Learning ISDC

Scanned by CamScanner





Certificate of Appreciation

has been awarded to

MOHAMED HASEEB S

for clearing the IFRS examination conducted

by International Skill Development Corporation

at BSACIST, Chennai

on 4th July 2022.

Teresa Jacobs Executive Director - Learning

ecutive Director - Lea ISDC



Certificate for Completion of FrontAccounting-2.4.7 Training

This is to certify that JEGAN P has successfully completed FrontAccounting-2.4.7 test organized at B.S Abdur Rahman Crescent Institute of Science and Technology by Dr. Ziavuddeen b with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Preeti Verma through Google Meet from B.S Abdur Rahman Crescent Institute of Science and Technology invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Prof. Kannan M Moudgalya IIT Bombay

November 25th 2022

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32087514JI



Certificate for Completion of Introduction to Computers Training

This is to certify that **KISHORE K** has successfully completed **Introduction to Computers** test organized at **B.S Abdur Rahman Crescent Institute of Science and Technology** by **Dr. Ziavuddeen b** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Preeti Verma through Google Meet from B.S Abdur Rahman Crescent Institute of Science and Technology invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Prof. Kannan M Moudgalya IIT Bombay

November 29th 2022

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320885471N



Certificate for Completion of Introduction to Computers Training

This is to certify that **KRISHNA RAJ** has successfully completed **Introduction to Computers** test organized at **B.S Abdur Rahman Crescent Institute of Science and Technology** by **Dr. Ziavuddeen b** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Preeti Verma through Google Meet from B.S Abdur Rahman Crescent Institute of Science and Technology invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Prof. Kannan M Moudgalya IIT Bombay

November 29th 2022

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320882463E



Certificate for Completion of FrontAccounting-2.4.7 Training

This is to certify that **MANI MEGALAI S** has successfully completed **FrontAccounting-2.4.7** test organized at **B.S Abdur Rahman Crescent Institute of Science and Technology** by **Dr. Ziavuddeen b** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Preeti Verma through Google Meet from B.S Abdur Rahman Crescent Institute of Science and Technology invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

Prof. Kannan M Moudgalya IIT Bombay

November 25th 2022

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3208747M25