TIME FN: 10.00 AM TO 11.30 AM

 AN: 02.00 PM TO 03.30 PM

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **CIVIL ENGINEERING****(01-CE)** | Design of Steel Structures (Common to CE ,CEE) |

|  |
| --- |
| Environmental Engineering |
|  |

 | Soil Mechanics | **Professional Elective - I** | **(Open Elective-I)** |
| Air Pollution and Control. | Artificial Neural Networks |
| Cyber Security |
| Coal Gasification, Coal Bed Methane and Shale Gas |
| Advanced Structural Analysis. | Data Structures |
| Design Estimation and Costing of Electrical Systems |
| Ground Water Development and Management | Energy Management and Conservation |
| Environmental Impact Assessment |
| Energy Storage Systems |
| Entrepreneurship and Small Business Enterprises |
| Earth and Rock fill Dams and Slope Stability. |
| Fabrication Processes |
| Fundamentals of Robotics |
| Industrial Electronics |
| Industrial Management |
| Introduction to Aerospace Engineering |
| Introduction to Material Handling |
| Introduction to Mechatronics |
| Java Programming |
| Medical Electronics |
| Metallurgy of Non Metallurgists |
| Non-Conventional Energy Sources |
| Optimization Technique |
| Principles of Computer Communications and Networks |
| Robotics |
| Software Testing Methodologies |
| Soft Computing Techniques |
| Science and Technology of Nano Materials |
| World Class Manufacturing  |

**Date: 04-02-2020**

TIME FN: 10.00 AM TO 11.30 AM

 AN: 02.00 PM TO 03.30 PM

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **ELECTRICAL AND ELECTRONICS ENGINEERING****(02-EEE)** |

|  |
| --- |
| Power Systems Analysis  |

 | Power Electronics |

|  |
| --- |
|  |
| Switch Gear and Protection  |

 | **Professional Elective - I** | **(Open Elective-I)** |
| Artificial Neural Networks |
| Computer Organization | Cyber Security |
| Coal Gasification, Coal Bed Methane and Shale Gas |
| Data Structures |
| Linear Systems Analysis | Energy Management and Conservation |
| Environmental Impact Assessment |
| Entrepreneurship and Small Business Enterprises |
| Linear and Digital IC Applications | Geo-Informatics |
| Fabrication Processes |
|  Electrical and Electronics Instrumentation | Fundamentals of Robotics |
| Industrial Electronics |
| Industrial Management |
| Introduction to Aerospace Engineering |
| Introduction to Material Handling |
| Intellectual Property Rights |
| Java Programming |
| Medical Electronics |
| Metallurgy of Non Metallurgists |
| Non-Conventional Energy Sources |
| Optimization Technique |
| Principles of Computer Communications and Networks |
| Science and Technology of Nano Materials |
| Robotics |
| Remote Sensing and GIS |
| Software Testing Methodologies |
| Soft Computing Techniques |
| World Class Manufacturing |

**Date:04-02-2020**

TIME FN: 10.00 AM TO 11.30 AM

 **AN: 02.00 PM TO 03.30 PM**

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **MECHANICAL ENGINEERING** **(03-ME)** |

|  |
| --- |
| Thermal Engineering –II  |

(Common to ME ,AME) | Heat Transfer | Design of Machine Members-II  | **Professional Elective - I** | **(Open Elective-I)**Artificial Neural Networks |
| Finite Element Methods | Cyber Security |
| Coal Gasification, Coal Bed Methane and Shale Gas |
| Refrigeration and Air Conditioning | Data Structures |
| Design Estimation and Costing of Electrical Systems |
| Energy Management and Conservation |
| Environmental Impact Assessment |
| Machine Tool Design | Entrepreneurship and Small Business Enterprises |
| Energy Storage Systems |
| Geo-Informatics |
| IC Engines and Gas Turbines | Industrial Electronics |
| Introduction to Mechatronics |
| Industrial Management |
| Introduction to Aerospace Engineering |
| Introduction to Material Handling |
| Intellectual Property Rights |
| Java Programming |
| Medical Electronics |
| Metallurgy of Non Metallurgists |
| Non-Conventional Energy Sources |
| Optimization Technique |
| Principles of Computer Communications and Networks |
| Robotics |
| Remote Sensing and GIS |
| Software Testing Methodologies |
| Soft Computing Techniques |
| Science and Technology of Nano Materials |

**Date: 04-02-2020**

TIME FN: 10.00 AM TO 11.30 AM

 **AN: 02.00 PM TO 03.30 PM**

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **ELECTRONICS****AND COMMUNICATION ENGINEERING****(04-ECE)** |

|  |
| --- |
| Antennas and Wave Propagation(Common to ECE ,ETM ) |

 | Microprocessors and Microcontrollers(Common to ECE , ETM E.COMP.E ) | Digital Signal Processing(Common to ECE ,EIE, ETM, BME, E.COMP.E) | **Professional Elective - I** | **(Open Elective-I)**Artificial Neural Networks |
| Cyber Security |
| Computer organization and operating system | Coal Gasification, Coal Bed Methane and Shale Gas |
| Data Structures |
| Design Estimation and Costing of Electrical Systems |
| Digital Image Processing | Energy Management and Conservation |
| Environmental Impact Assessment |
| Entrepreneurship and Small Business Enterprises |
| Spread Spectrum Communications | Energy Storage Systems |
| Geo-Informatics |
| Fabrication Processes |
| Digital system Design | Fundamentals of Robotics |
| Industrial Electronics |
| Industrial Management |
| Introduction to Mechatronics |
| Introduction to Aerospace Engineering |
| Introduction to Material Handling |
| Intellectual Property Rights |
| Java Programming |
| Medical Electronics |
| Metallurgy of Non Metallurgists |
| Non-Conventional Energy Sources |
| Optimization Technique |
| Remote Sensing and GIS |
| Robotics |
| Science and Technology of Nano Materials |
| Soft Computing Techniques |
| Software Testing Methodologies |
| World Class Manufacturing |

 **Date: 04-02-2020**

TIME FN: 10.00 AM TO 11.30 AM

 **AN: 02.00 PM TO 03.30 PM**

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **COMPUTER SCIENCE AND ENGINEERING****(05-CSE)** |

|  |
| --- |
| Compiler Design  |
|  |
| (Common to CSE , IT) |

 | Web Technologies(Common to CSE , IT) | Cryptography and Network Security (Common to CSE , IT) | **Professional Elective - I** | **(Open Elective-I)**Artificial Neural Networks |
| Mobile Computing | Coal Gasification, Coal Bed Methane and Shale Gas |
| Design Patterns |
| Data Structures |
| Design Estimation and Costing of Electrical Systems |
| Artificial Intelligence | Energy Management and Conservation |
| Environmental Impact Assessment |
| Entrepreneurship and Small Business Enterprises |
| Information Security Management (Security Analyst - I) | Energy Storage Systems |
| Geo-Informatics |
| Fabrication Processes |
| Fundamentals of Robotics |
| Introduction to Analytics (Associate Analytics - I) | Industrial Electronics |
| Industrial Management |
| Introduction to Aerospace Engineering |
| Introduction to Material Handling |
|  | Intellectual Property Rights |
| Introduction to Mechatronics |
| Medical Electronics |
| Metallurgy of Non Metallurgists |
| Non-Conventional Energy Sources |
| Optimization Technique |
| Principles of Computer Communications and Networks |
| Remote Sensing and GIS |
| Robotics |
| Science and Technology of Nano Materials |
| Soft Computing Techniques |
| World Class Manufacturing |

**Date: 04-02-2020**

TIME FN: 10.00 AM TO 11.30 AM

 **AN: 02.00 PM TO 03.30 PM**

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **ELECTRONICS****AND INSTRUMENTATION ENGINEERING****(10-EIE)** |

|  |
| --- |
| Process Dynamics and Control  |
|  |
|  |

 | Analytical Instrumentation |

|  |
| --- |
|  |
| Digital Signal Processing  |

Common to (ECE ,EIE, ETM, BME, E.COMP.E) | **Professional Elective - I** | **(Open Elective-I)**Artificial Neural Networks |
| Coal Gasification, Coal Bed Methane and Shale Gas |
| Data Structures |
| Principles of Communications | Cyber Security |
| Design Estimation and Costing of Electrical Systems |
| Virtual Instrumentation | Energy Management and Conservation |
| Environmental Impact Assessment |
| Object Oriented Programming throughJAVA  | Entrepreneurship and Small Business Enterprises |
| Energy Storage Systems |
| Hydraulic And Pneumatic ControlSystems | Geo-Informatics |
| Fabrication Processes |
| Fundamentals of Robotics |
| Industrial Management |
|  | Introduction to Aerospace Engineering |
| Introduction to Material Handling |
| Intellectual Property Rights |
| Introduction to Mechatronics |
| Java Programming |
| Medical Electronics |
| Metallurgy of Non Metallurgists |
| Non-Conventional Energy Sources |
| Optimization Technique |
| Introduction to Mechatronics |
| Principles of Computer Communications and Networks |
| Remote Sensing and GIS |
| Robotics |
| Science and Technology of Nano Materials |
| Soft Computing Techniques |
| Software Testing Methodologies |
| World Class Manufacturing |
| **Date: 04-02-2020**  |
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TIME FN: 10.00 AM TO 11.30 AM

 **AN: 02.00 PM TO 03.30 PM**

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **BIO-MEDICAL ENGINEERING(11-BME)** |

|  |
| --- |
| Biomedical Signal Processing |
|  |
|  |

 | Biofluid Mechanics |

|  |
| --- |
|  |
| Digital Signal Processing  |
|  |

Common to (ECE ,EIE, ETM, BME, E.COMP.E) | **Professional Elective - I** | **(Open Elective-I)**Artificial Neural Networks |
| Coal Gasification, Coal Bed Methane and Shale Gas |
| Laser and Fiber Optic Instrumentation | Data Structures |
| Cyber Security |
| Metallurgy of Non Metallurgists |
| Biological Control Systems | Design Estimation and Costing of Electrical Systems |
| Energy Management and Conservation |
| VLSI Design | Environmental Impact Assessment |
| Entrepreneurship and Small Business Enterprises |
| General Surgery and Radiology | Energy Storage Systems |
| Geo-Informatics |
|  | Fabrication Processes |
| Fundamentals of Robotics |
| Industrial Electronics |
| Industrial Management |
| Introduction to Aerospace Engineering |
| Introduction to Material Handling |
| Intellectual Property Rights |
| Introduction to Mechatronics |
| Java Programming |
| Non-Conventional Energy Sources |
| Optimization Technique |
| Principles of Computer Communications and Networks |
| Remote Sensing and GIS |
| Robotics |
| Software Testing Methodologies |
| Science and Technology of Nano Materials |
| Soft Computing Techniques |
| World Class Manufacturing |

**Date: 04-02-2020**

TIME FN: 10.00 AM TO 11.30 AM

 **AN: 02.00 PM TO 03.30 PM**

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **INFORMATION****TECHNOLOGY****(12- I T)** |

|  |
| --- |
| Compiler Design  |
|  |

(Common to CSE , IT) | Web Technologies(Common to CSE , IT) |

|  |
| --- |
| Cryptography and Network Security  |

(Common to CSE , IT) | **Professional Elective - I** | **(Open Elective-I)**Artificial Neural Networks |
| Coal Gasification, Coal Bed Methane and Shale Gas |
| Mobile Computing | Data Structures |
| Object Oriented Analysis and Design | Design Estimation and Costing of Electrical Systems |
| Energy Management and Conservation |
| Environmental Impact Assessment |
| Computer Forensics | Entrepreneurship and Small Business Enterprises |
| Information Security Management (Security Analyst - I) | Energy Storage Systems |
| Geo-Informatics |
| Fabrication Processes |
| Fundamentals of Robotics |
| Industrial Electronics |
| Introduction to Analytics (Associate Analytics - I) | Industrial Management |
| Introduction to Aerospace Engineering |
| Introduction to Material Handling |
| Intellectual Property Rights |
|  | Introduction to Mechatronics |
| Medical Electronics |
| Metallurgy of Non Metallurgists |
| Non-Conventional Energy Sources |
| Optimization Technique |
| Principles of Computer Communications and Networks |
| Remote Sensing and GIS |
| Robotics |
| Science and Technology of Nano Materials |
| Soft Computing Techniques |
| World Class Manufacturing |

**Date: 04-02-2020**

TIME FN: 10.00 AM TO 11.30 AM

 **AN: 02.00 PM TO 03.30 PM**

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **MECHANICAL****ENGINEERING****(MECHATRONICS)****(14-MECT)** | Dynamics of Machinery  | Motion Control Design  | CAD/CAM | **Professional Elective - I** | **(Open Elective-I)**Cyber Security |
| Machine Drawing | Coal Gasification, Coal Bed Methane and Shale Gas |
| Total Quality Management | Design Estimation and Costing of Electrical Systems |
| Energy Management and Conservation |
| Unconventional Machining Processes | Environmental Impact Assessment |
| Entrepreneurship and Small Business Enterprises |
| Energy Storage Systems |
| Geo-Informatics |
| Nanotechnology | Fabrication Processes |
| Fundamentals of Robotics |
| Industrial Electronics |
| Introduction to Aerospace Engineering |
| Introduction to Material Handling |
| Introduction to Mechatronics |
| Intellectual Property Rights |
| Java Programming |
| Medical Electronics |
| Metallurgy of Non Metallurgists |
| Non-Conventional Energy Sources |
| Optimization Technique |
| Principles of Computer Communications and Networks |
| Remote Sensing and GIS |
| Robotics |
| Science and Technology of Nano Materials |
| Soft Computing Techniques |
| Software Testing Methodologies |
| World Class Manufacturing |

**Date: 04-02-2020**

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **ElECTRONICS AND TELEMATICS ENGINEERING(17-ETM)** |

|  |  |
| --- | --- |
| Antennas and Wave Propagation(Common to ECE ,ETM ) | Antennas and Wave Propagation  |
|  |
|  |

 | Microprocessors and Microcontrollers(Common to ECE , ETM E.COMP.E ) | Digital Signal Processing(Common to ECE ,EIE, ETM, BME, E.COMP.E) | **Professional Elective - I** | **(Open Elective-I)**Artificial Neural Networks |
| Computer organization and operating system | Cyber Security |
| Coal Gasification, Coal Bed Methane and Shale Gas |
| Electronic Measurements and Instrumentation | Data Structures |
| Design Estimation and Costing of Electrical Systems |
| Energy Management and Conservation |
| Environmental Impact Assessment |
| Spread Spectrum Communications | Entrepreneurship and Small Business Enterprises |
| Energy Storage Systems |
| Geo-Informatics |
| Fabrication Processes |
| Digital system Design | Fundamentals of Robotics |
|  | Industrial Management |
| Introduction to Aerospace Engineering |
| Introduction to Material Handling |
| Introduction to Mechatronics |
| Intellectual Property Rights |
| Java Programming |
| Medical Electronics |
| Metallurgy of Non Metallurgists |
| Non-Conventional Energy Sources |
| Optimization Technique |
| Remote Sensing and GIS |
| Robotics |
| Science and Technology of Nano Materials |
| Soft Computing Techniques |
| Software Testing Methodologies |
| World Class Manufacturing |
| Industrial Electronics |

**Date: 04-02-2020**

TIME FN: 10.00 AM TO 11.30 AM

 **AN: 02.00 PM TO 03.30 PM**

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **METALLURGICAL AND MATERIALS ENGINEERING****(18-MMT)** | Steel Making | Welding Metallurgy | Foundry Technology | **Professional Elective - I** | **(Open Elective-I)**Artificial Neural Networks |
| Cyber Security |
| Non Ferrous Extractive Metallurgy | Coal Gasification, Coal Bed Methane and Shale Gas |
| Data Structures |
| Surface Engineering | Design Estimation and Costing of Electrical Systems |
| Energy Management and Conservation |
| Environmental Impact Assessment |
| Electronic and Magnetic Materials | Entrepreneurship and Small Business Enterprises |
| Energy Storage Systems |
| Geo-Informatics |
| Fabrication Processes |
| Fundamentals of Robotics |
| Industrial Electronics |
| Industrial Management |
| Introduction to Aerospace Engineering |
| Introduction to Material Handling |
| Introduction to Mechatronics |
| Intellectual Property Rights |
| Java Programming |
| Medical Electronics |
| Non-Conventional Energy Sources |
| Optimization Technique |
| Principles of Computer Communications and Networks |
| Remote Sensing and GIS |
| Robotics |
| Software Testing Methodologies |
| Soft Computing Techniques |
| World Class Manufacturing |

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **ELECTRONICS** **AND COMPUTER ENGINEERING(19-E.COMP.E)** | Computer Networks  | Microprocessors and Microcontrollers(Common to ECE , ETM E.COMP.E ) | Digital Signal Processing(Common to ECE ,EIE, ETM, BME, E.COMP.E) | **Professional Elective - I** | **(Open Elective-I)** |
| Computer Organization | Artificial Neural Networks |
| Coal Gasification, Coal Bed Methane and Shale Gas |
| Database Management Systems | Cyber Security |
| Medical Electronics |
| Coal Gasification, Coal Bed Methane and Shale Gas |
| Geo-Informatics |
| Information Systems | Intellectual Property Rights |
| Environmental Impact Assessment |
| Data Structures | Java Programming |
| Data Structures |
| Energy Management and Conservation |
| Energy Storage Systems |
| Entrepreneurship and Small Business Enterprises |
| Principles of Computer Communications and Networks |
| Soft Computing Techniques |
| Design Estimation and Costing of Electrical Systems |
| Industrial Management |
| Industrial Electronics |
| World Class Manufacturing |
| Fundamentals of Robotics |
| Fabrication Processes |
| Introduction to Material Handling |
| Introduction to Aerospace Engineering |
| Introduction to Mechatronics |
| Metallurgy of Non Metallurgists |
| Non-Conventional Energy Sources |
| Software Testing Methodologies |
| Science and Technology of Nano Materials |
| Robotics |
| Remote Sensing and GIS |
| Optimization Technique |

**Date: 04-02-2020**

TIME FN: 10.00 AM TO 11.30 AM

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **AERONAUTICAL ENGINEERING(21-AE)** |

|  |
| --- |
| Aircraft Systems  |
|  |
|  |

 | Aircraft Stability and Control | Rocket and SpacecraftPropulsion | **Professional Elective - I** | **(Open Elective-I)**Artificial Neural Networks |
| Cyber Security |
| Finite Element Methods | Coal Gasification, Coal Bed Methane and Shale Gas |
| Data Structures |
| Experimental Aerodynamics | Design Estimation and Costing of Electrical Systems |
| Energy Management and Conservation |
| Environmental Impact Assessment |
| Mechanisms and Mechanical Design | Entrepreneurship and Small Business Enterprises |
| Energy Storage Systems |
| Unmanned Air Vehicle **(**UAV) Systems | Fabrication Processes |
| Fundamentals of Robotics |
| Geo-Informatics |
| Industrial Electronics |
|  | Industrial Management |
| Metallurgy of Non Metallurgists |
| Introduction to Material Handling |
| Introduction to Mechatronics |
| Intellectual Property Rights |
| Java Programming |
| Medical Electronics |
| Non-Conventional Energy Sources |
| Optimization Technique |
| Principles of Computer Communications and Networks |
| Remote Sensing and GIS |
| Robotics |
| Science and Technology of Nano Materials |
| Soft Computing Techniques |
| Software Testing Methodologies |
| World Class Manufacturing |

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TIME FN: 10.00 AM TO 11.30 AM

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **AUTOMOBILE ENGINEERING(24-AME)** |

|  |
| --- |
| Thermal Engineering - II (Common to ME ,AME) |

 | Mechanics of Fluids and Hydraulics Machinery | Design of Machine Members - I | **Professional Elective - I** | **(Open Elective-I)** |
| CAD/C AM | Cyber Security |
| Medical Electronics |
| Automobile Air Conditioning | Coal Gasification, Coal Bed Methane and Shale Gas |
| Geo-Informatics |
| Intellectual Property Rights |
| Environmental Impact Assessment |
| AutomotiveChassis and Suspension | Java Programming |
| Optimization Technique |
| Vehicle Dynamics | Metallurgy of Non Metallurgists |
| Energy Management and Conservation |
| Energy Storage Systems |
| Entrepreneurship and Small Business Enterprises |
| Principles of Computer Communications and Networks |
| Soft Computing Techniques |
| Design Estimation and Costing of Electrical Systems |
| Industrial Management |
| Industrial Electronics |
| World Class Manufacturing |
| Fundamentals of Robotics |
| Fabrication Processes |
| Introduction to Material Handling |
| Remote Sensing and GIS |
| Introduction to Aerospace Engineering |
| Introduction to Mechatronics |
| Non-Conventional Energy Sources |
| Robotics |
| Software Testing Methodologies |
| Science and Technology of Nano Materials |

**Date: 04-02-2020**

TIME FN: 10.00 AM TO 11.30 AM

 **AN: 02.00 PM TO 03.30 PM**

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **MINING ENGINEERING(25 - MIE)** | Surface Mining Technology  | Mineral Process Engineering | Rock Mechanics | **Professional Elective - I** | **(Open Elective-I)**Introduction to Aerospace Engineering |
| Mine Systems Engineering |
| Data Structures |
| Remote Sensing and GIS in Mining | Artificial Neural Networks |
| Medical Electronics |
| Dimensional Stone Technology | Remote Sensing and GIS |
| Geo-Informatics |
| Mineral Exploration | Intellectual Property Rights |
| Environmental Impact Assessment |
|  | Java Programming |
| Software Testing Methodologies |
| Cyber Security |
| Principles of Computer Communications and Networks |
| Soft Computing Techniques |
| Design Estimation and Costing of Electrical Systems |
| Entrepreneurship and Small Business Enterprises |
| Energy Storage Systems |
| Optimization Technique |
| Introduction to Mechatronics |
| Industrial Electronics |
| World Class Manufacturing |
| Fundamentals of Robotics |
| Fabrication Processes |
| Introduction to Material Handling |
| Non-Conventional Energy Sources |
| Robotics |
| Metallurgy of Non Metallurgists |
| Industrial Management |
| Science and Technology of Nano Materials |

**Date: 04-02-2020**

TIME FN: 10.00 AM TO 11.30 AM

 **AN: 02.00 PM TO 03.30 PM**

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **PETROLEUM ENGINEERING****(27 - PTME)** | Drilling Technology  | Petroleum Reservoir Engineering | Petroleum Refinery Engineering  | **Professional Elective - I** | **(Open Elective-I)** |
| Pipeline Engineering | Artificial Neural Networks |
| Coal Gasification, Coal Bed Methane and Shale Gas |
| Natural Gas Processing | Cyber Security |
| Medical Electronics |
| Petrochemical Engineering | Geo-Informatics |
| Intellectual Property Rights |
|  | Environmental Impact Assessment |
| Java Programming |
| Data Structures |
| Metallurgy of Non Metallurgists |
| Energy Management and Conservation |
| Energy Storage Systems |
| Non-Conventional Energy Sources |
| Principles of Computer Communications and Networks |
| Robotics |
| Soft Computing Techniques |
| Software Testing Methodologies |
| Science and Technology of Nano Materials |
| Design Estimation and Costing of Electrical Systems |
| Industrial Management |
| Industrial Electronics |
| World Class Manufacturing |
| Fundamentals of Robotics |
| Fabrication Processes |
| Introduction to Material Handling |
| Remote Sensing and GIS |
| Introduction to Aerospace Engineering |
| Introduction to Mechatronics |

**Date: 04-02-2020**

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 **AN: 02.00 PM TO 03.30 PM**

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **CIVIL &****ENVIRONMENTAL****ENGINEERING****(28-C E E)** | Design of Steel Structures (Common to CE ,CEE) | Water Resources Engineering  | Waste Water Engineering  | **Professional Elective - I** | **(Open Elective-I)** |
| Air Pollution and Control | Introduction to Aerospace Engineering |
| Data Structures |
| Watershed Management | Artificial Neural Networks |
| Coal Gasification, Coal Bed Methane and Shale Gas |
| Medical Electronics |
| Remote Sensing and GIS |
| Environmental Sanitation | Geo-Informatics |
| Energy Management and Conservation |
| Environmental Chemistry | Java Programming |
| Software Testing Methodologies |
| Cyber Security |
| Metallurgy of Non Metallurgists |
| Science and Technology of Nano Materials |
| Robotics |
|  | Principles of Computer Communications and Networks |
| Soft Computing Techniques |
| Design Estimation and Costing of Electrical Systems |
| Energy Storage Systems |
| Entrepreneurship and Small Business Enterprises |
| Introduction to Mechatronics |
| Industrial Electronics |
| Industrial Management |
| World Class Manufacturing |
| Fundamentals of Robotics |
| Fabrication Processes |
| Introduction to Material Handling |
| Non-Conventional Energy Sources |
| Optimization Technique |

**Date: 04-02-2020**

TIME FN: 10.00 AM TO 11.30 AM

 **AN: 02.00 PM TO 03.30 PM**

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| **BRANCH** | **10-02-2020 FN****MONDAY** | **10-02-2020 AN****MONDAY** | **11-02-2020 FN****TUESDAY** | **11-02-2020 AN****TUESDAY** |  **12-02-2020 FN****WEDNESDAY** |
| **MECHANICAL****ENGINEERING****(MATERIAL****SCIENCE & NANO****TECHNOLOGY)** **(29 – MSNT)** | Engineering Metrology  | Properties of Nano Materials  | Finite Element Methods  | **Professional Elective - I** | **(Open Elective-I)** |
| Artificial Neural Networks |
| Mechanical Vibrations | Coal Gasification, Coal Bed Methane and Shale Gas |
| Cyber Security |
| Medical Electronics |
| Refrigeration and Air conditioning | Software Testing Methodologies |
| Science and Technology of Nano Materials |
| Geo-Informatics |
| Data Structures |
| Operations Research | Intellectual Property Rights |
| Environmental Impact Assessment |
| Java Programming |
| Maintenance and Safety Engineering | Optimization Technique |
| Metallurgy of Non Metallurgists |
| Energy Management and Conservation |
| Energy Storage Systems |
| Entrepreneurship and Small Business Enterprises |
|  | Principles of Computer Communications and Networks |
| Soft Computing Techniques |
| Design Estimation and Costing of Electrical Systems |
| Industrial Management |
| Industrial Electronics |
| Introduction to Aerospace Engineering |
| World Class Manufacturing |
| Fundamentals of Robotics |
| Fabrication Processes |
| Introduction to Mechatronics |
| Remote Sensing and GIS |

 **Sd/-**

**Date: 04-02-2020 CONTROLLER OF EXAMINATIONS**

Note: ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.

1. EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL
2. 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.