SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

EXAMINATION CIRCULAR NO. 212 OF 2024

BACHELOR OF ENGINEERING (2019 COURSE)

Examination of Nov./Dec.-2024

(Under Faculty of SCIENCE AND TECHNOLOGY: B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

- Candidates are required to be present at the examination centre, THIRTY MINUTES before the stipulated time.

- Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.

- Candidates are requested to see the Notice Board at their center of examination regularly for changes if any that may be notified later in the program.

- No request shall be granted for change in time or date for the University Examination on any ground.

- Candidates are requested to note the Day, Date and Time of Paper.

- Candidates are permitted to use stencils at the time of examination.

- The exchanges of side-rules, drawing instruments of other materials used in the examination hall is not permitted at the time of examination. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.

- Use of non-programmable battery operated electronic pocket size Calculator is allowed. The exchange of Calculators is not allowed. Electronics Devices including mobile are not allowed at the time of examination.

- The written examination will be conducted in the following order.

B.E.AUTOMOBILE

SEMESTER- VII

Time:- 2.00PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	416481	Automotive Testing and Certification
Friday 13/12/2024	416482	Machine and Vehicle Dynamics
Monday 16/12/2024	416483	Industrial Engineering* Time:-2.00PM.TO 4.00PM.
Wednesday 18/12/2024	416484A	(ELECTIVE-III) Artificial Intelligence and Machine Learning
	416484B	(ELECTIVE-III) Automotive Control Systems
	402044E	(ELECTIVE-III) Internet of Things**
Friday 20/12/2024	416485A	(ELECTIVE-IV) Finite Elements Analysis
	416485B	(ELECTIVE-IV) Computational Fluid Dynamics

SEMESTER-VIII

Time:- 2.00PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	416489	Hybrid and Electric Vehicle
Friday 29/11/2024	416490	Automotive System Design
Wednesday 04/12/2024	416491A	(ELECTIVE-V) Alternative Fuels and Emission control
	416491B	(ELECTIVE-V) Renewable Energy
Friday 06/12/2024	416492A	(ELECTIVE-VI) Transport Management and Automobile Industry
	416492B	(ELECTIVE-VI) Automotive Safety
	416492 C	(ELECTIVE-VI) Process Planning and Cost Estimation

NOTE:-

*PLEASE NOTE THE TIME

**COMMON WITH MECHANICAL ENGINEERING

BIOTECHNOLOGY
SEMESTER-VII

Time:- 2.00PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	415461	Biochemical Engineering
Friday 13/12/2024	415462	Bioinformatics
Wednesday 18/12/2024	415463A	(ELECTIVE-III) Bioprocess Equipment Design
	415463B	(ELECTIVE-III) Environmental Biotechnology
	415463 C	(ELECTIVE-III) Genomics
Friday 20/12/2024	415464A	(ELECTIVE-IV) Bio energy and Renewable Resources
	415464B	(ELECTIVE-IV)Nanotechnology
	415464 C	(ELECTIVE-IV) Stem Cell Biology and Regenerative Medicine

SEMESTER-VIII

Time:- 2.00PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	415471	Bioprocess Modeling and Simulation
Friday 29/11/2024	415472	Plant Engineering and Project costing
Wednesday 04/12/2024	415473A	(ELECTIVE-V) Biomaterials
	415473B	(ELECTIVE-V) Molecular diagnostics
	415473 C	(ELECTIVE-V) Bio-therapeutics Technology
Friday 06/12/2024	415474A	(ELECTIVE-VI) Management and Entrepreneurship
	415474B	(ELECTIVE-VI)I PR, Intellectual Property Rights.
	415474 C	(ELECTIVE-VI) Industrial Organization and Management

B.E. CHEMICAL

SEMESTER- VII
Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	409341	Process Dynamics and Control
Friday 13/12/2024	409342	Chemical Reaction Engineering-II
Monday 16/12/2024	409343	Chemical Engineering Design
Wednesday 18/12/2024	409344A	(ELECTIVE-III) Environmental Engineering
	409344B	(ELECTIVE-III) Membrane Technology
	409344 C	(ELECTIVE-III) Industrial Piping
	409344 D	(ELECTIVE-III) Petroleum Refining
Friday 20/12/2024	409345A	(ELECTIVE-IV) Chemical Process Synthesis
	409345B	(ELECTIVE-IV) Industrial Management & Entrepreneurship
	409345 C	(ELECTIVE-IV)Green Technology
	409345 D	(ELECTIVE-IV) Advance Separation Processes

SEMESTER-VIII
Time:- 2.00PM.TO 4.30PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	409349	Process Modeling and Simulation
Friday 29/11/2024	409350	Process Engineering Costing & Plant Design
Wednesday 04/12/2024	409351A	(ELECTIVE-V) Energy Audit and Conservation
	409351B	(ELECTIVE-V) Chemical Process Safety
	409351 C	(ELECTIVE-V) Computational Fluid Dynamics
	409351 D	(ELECTIVE-V) Advanced Materials
Friday 06/12/2024	409352A	(ELECTIVE-VI)Catalysis
	409352B	(ELECTIVE-VI)Nanotechnology
	409352 C	(ELECTIVE-VI) Fuel Cell Technology
	409352 D	(ELECTIVE-VI) Petrochemical Engineering

B.E.CIVIL

SEMESTER- VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	401001	Foundation Engineering
Friday 13/12/2024	401002	Transportation Engineering
Wednesday 18/12/2024	401003A	(ELECTIVE-III) Coastal Engineering
	401003B	(ELECTIVE-III) Advanced Design of Concrete Structures **Time:- 2.00PM.TO5.00PM.**
	401003 C	(ELECTIVE-III) Integrated Water Resources Planning & Management
	401003 D	(ELECTIVE-III) Finite Element Method
	401003E	(ELECTIVE-III) Data Analytics
	401003 F	(ELECTIVE-III) Operation Research
Friday 20/12/2024	401004A	(ELECTIVE-IV) Air Pollution and Control
	401004B	(ELECTIVE-IV) Advanced Design of Steel Structures **Time:- 2.00PM.TO 5.00PM.**
	401004 C	(ELECTIVE-IV) Statistical Analysis and Computational Method
	401004 D	(ELECTIVE-IV) Airport and Bridge Engineering
	401004E	(ELECTIVE-IV) Design of Prestressed Concrete Structures **Time:- 2.00PM.TO 5.00PM.**
	401004 F	(ELECTIVE-IV)Form work and Plumbing Engineering

NOTE:-

*PLEASE NOTE THE TIME

B.E.CIVIL

SEMESTER-VIII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	401011	Dams and Hydraulics Structures
Friday 29/11/2024	401012	Quantity Surveying, Contracts and Tenders **Time:-** 2.00PM.TO5.00PM.
Wednesday 04/12/2024	401013A	(ELECTIVE-V) Earthquake Engineering
	401013B	(ELECTIVE-V) Structural Design of Bridges
	401013 C	(ELECTIVE-V) Irrigation and Drainage
	401013 D	(ELECTIVE-V) Design of Precast and Composite Structures
	401013E	(ELECTIVE-V) Hydropower Engineering
	401013 F	(ELECTIVE-V) Structural Audit and Retrofitting of Structures
Friday 06/12/2024	401014A	(ELECTIVE-VI) TQM and MIS
	401014B	(ELECTIVE-VI) Advanced Transportation Engineering
	401014 C	(ELECTIVE-VI) Geo Synthetic Engineering
	401014 D	(ELECTIVE-VI) Structural Design of Foundations
	401014E	(ELECTIVE-VI) Green Structures and Smart Cities
	401014 F	(ELECTIVE-VI) Rural Water Supply and Sanitation

NOTE:-

*PLEASE NOTE THE TIME

B.E.COMPUTER

SEMESTER- VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	410241	Design and Analysis of Algorithms
Friday 13/12/2024	410242	Machine Learning
Monday 16/12/2024	410243	Blockchain Technology
Wednesday 18/12/2024	410244A	(ELECTIVE-III) Pervasive Computing
	410244B	(ELECTIVE-III) Multimedia Techniques
	410244 C	(ELECTIVE-III) Cyber Security and Digital Forensics
	410244 D	(ELECTIVE-III) Object Oriented Modeling and Design
	410244E	(ELECTIVE-III) Digital Signal Processing
Friday 20/12/2024	410245A	(ELECTIVE-IV) Information Retrieval
	410245B	(ELECTIVE-IV) GPU Programming and Architecture
	410245 C	(ELECTIVE-IV) Mobile Computing
	410245 D	(ELECTIVE-IV) Software Testing and Quality Assurance
	410245E	(ELECTIVE-IV) Compilers

SEMESTER-VIII

Time:-2.00 PM.TO4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	410250	High Performance Computing
Friday 29/11/2024	410251	Deep Learning
Wednesday 04/12/2024	410252A	(ELECTIVE-V) Natural Language Processing
	410252B	(ELECTIVE-V) Image Processing
	410252 C	(ELECTIVE-V) Software Defined Networks
	410252 D	(ELECTIVE-V) Advanced Digital Signal Processing
Friday 06/12/2024	410253A	(ELECTIVE-VI) Pattern Recognition
	410253B	(ELECTIVE-VI) Soft Computing
	410253 C	(ELECTIVE-VI) Business Intelligence
	410253 D	(ELECTIVE-VI) Quantum Computing

B.E.ELECTRICAL

SEMESTER- VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	403141	Power System Operation & Control
Friday 13/12/2024	403142	Advanced Control System
Wednesday 18/12/2024	403143A	(ELECTIVE-III) PLC and SCADA
	403143B	(ELECTIVE-III) Power Quality Management
	403143 C	(ELECTIVE-III) High Voltage Engineering
	403143 D	(ELECTIVE-III) Robotics and Automation
Friday 20/12/2024	403144A	(ELECTIVE-IV) Alternate Energy System
	403144B	(ELECTIVE-IV) Electrical & Hybrid Vehicle
	403144 C	(ELECTIVE-IV) Special-purpose Machines
	403144 D	(ELECTIVE-IV) HVDC & FACTS

SEMESTER-VIII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	403148	Switchgear and Protection
Friday 29/11/2024	403149	Advanced Electrical Drives & Control
Wednesday 04/12/2024	403150A	(ELECTIVE-V) Digital Control System
	403150B	(ELECTIVE-V) Restructuring and Deregulation
	403150 C	(ELECTIVE-V) Smart Grid
	403150 D	(ELECTIVE-V) Sensor Technology (Open Elective)
Friday 06/12/2024	403151A	(ELECTIVE-VI) EHVAC Transmission
	403151B	(ELECTIVE-VI) Illumination Engineering
	403151 C	(ELECTIVE-VI) Electromagnetic Fields
	403151 D	(ELECTIVE-VI) AI and ML(Open Elective)

B.E. ELECTRONICS & TELECOMMUNICATION

SEMESTER-VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	404181	Radiation & Microwave Theory
Friday 13/12/2024	404182	VLSI Design and Technology
Monday 16/12/2024	404183	Cloud Computing
Wednesday 18/12/2024	404184A	(ELECTIVE-III) Speech Processing
	404184B	(ELECTIVE-III) PLC SCADA & Automation
	404184 C	(ELECTIVE-III) JAVA Script
	404184 D	(ELECTIVE-III) Embedded & RTOS
	404184E	(ELECTIVE-III) Modernized IoT
Friday 20/12/2024	404185A	(ELECTIVE-IV) Data Mining
	404185B	(ELECTIVE-IV)Electronic Product Development
	404185 C	(ELECTIVE-IV)Deep Learning
	404185 D	(ELECTIVE-IV)Low Power CMOS
	404185E	(ELECTIVE-IV) Smart Antennas

SEMESTER-VIII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	404190	Fiber Optic Communication
Wednesday 04/12/2024	404191A	(ELECTIVE-V)Biomedical Signal Processing
	404191B	(ELECTIVE-V) Industrial Drives & Automation
	404191 C	(ELECTIVE-V) Android Development
	404191 D	(ELECTIVE-V) Embedded System Design
	404191E	(ELECTIVE-V) Mobile Computing
Friday 06/12/2024	404192A	(ELECTIVE-VI) System on Chip
	404192B	(ELECTIVE-VI) Nano Electronics
	404192 C	(ELECTIVE-VI) Remote Sensing
	404192 D	(ELECTIVE-VI) Digital Marketing

B.E. ELECTRONICS

SEMESTER-VII

Time:- 2.00PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	404201	VLSI Design
Friday 13/12/2024	404202	Advanced Power Electronics
Monday 16/12/2024	404203	Electronic System Design
Wednesday 18/12/2024	404184A	(ELECTIVE-III) Speech Processing*
	404184 C	(ELECTIVE-III) Java Script*
	404204A	(ELECTIVE-III) Internet of Things
	404204B	(ELECTIVE-III) Software Defined Radio
	404204 C	(ELECTIVE-III) Testing and Verification for SOC design
Friday 20/12/2024	404185 D	(ELECTIVE-IV) Low power CMOS*
	404185E	(ELECTIVE-IV) Smart Antennas*
	404205A	(ELECTIVE-IV) Mobile Communication
	404205B	(ELECTIVE-IV) Embedded Systems
	404205 C	(ELECTIVE-IV) Optimization Techniques

SEMESTER-VIII

Time:- 2.00PM.TO 4.30PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	404210	Process Instrumentation
Wednesday 04/12/2024	404191 C	(ELECTIVE-V) Android Development*
	404211A	(ELECTIVE-V) Biomedical Electronics
	404211B	(ELECTIVE-V) Artificial Intelligence and Neural Network
	404211 C	(ELECTIVE-V) Audio Video Engineering
	404211 D	(ELECTIVE-V) Automotive Electronics
Friday 06/12/2024	404192 C	(ELECTIVE-VI) Remote Sensing*
	404192 D	(ELECTIVE-VI) Digital Marketing*
	404212A	(ELECTIVE-VI) Renewable Energy System & DSM
	404212B	(ELECTIVE-VI) Wireless Sensor Network

NOTE:*COMMON WITH E&TC.

Nov./Dec.-2024

B.E. INFORMATION TECHNOLOGY

SEMESTER-VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	414441	Information and Storage Retrieval
Friday 13/12/2024	414442	Software Project Management
Monday 16/12/2024	414443	Deep Learning
Wednesday 18/12/2024	414444A	(ELECTIVE-III) Mobile Computing
	414444B	(ELECTIVE-III) High Performance Computing
	414444 C	(ELECTIVE-III) Multimedia Technology
	414444 D	(ELECTIVE-III) Smart Computing
Friday 20/12/2024	414445A	(ELECTIVE-IV)Bioinformatics
	414445B	(ELECTIVE-IV)Introduction to DevOps
	414445 C	(ELECTIVE-IV) Computer Vision
	414445 D	(ELECTIVE-IV) Wireless Communications

SEMESTER-VIII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	414450	Distributed Systems
Wednesday 04/12/2024	414451A	(ELECTIVE-V) Software Defined Networks
	414451B	(ELECTIVE-V) Social Computing
	414451 C	(ELECTIVE-V) Natural Language Processing
	414451 D	(ELECTIVE-V) Soft Computing
	414451E	(ELECTIVE-V) Game Engineering
Friday 06/12/2024	414452A	(ELECTIVE-VI) Ethical Hacking and Security
	414452B	(ELECTIVE-VI) Augmented and Virtual Reality
	414452 C	(ELECTIVE-VI) Business Analytics and Intelligence
	414452 D	(ELECTIVE-VI) Blockchain Technology

B.E.INSTRUMENTATION & CONTROL

SEMESTER- VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	406261	Process Control Techniques
Friday 13/12/2024	406262	Project Engineering and Management
Wednesday 18/12/2024	406263A	(ELECTIVE-III) Digital Image Processing
	406263B	(ELECTIVE-III) Data Analytics
	406263 C	(ELECTIVE-III) Wireless Sensor Networks
	406263 D	(ELECTIVE-III) Process Modelling and Optimization
Friday 20/12/2024	406264A	(ELECTIVE-IV) Cloud Computing
	406264B	(ELECTIVE-IV) Soft Computing
	406264 C	(ELECTIVE-IV) Automotive Instrumentation
	406264 D	(ELECTIVE-IV) Advanced Control System

SEMESTER-VIII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	406268	Process Instrumentation
Friday 29/11/2024	406269	Advanced Embedded System
Wednesday 04/12/2024	406270A	(ELECTIVE-V) Electric Vehicles
	406270B	(ELECTIVE-V) Safety Instrumentation Systems
	406270 C	(ELECTIVE-V) Renewable Energy Systems
	406270 D	(ELECTIVE-V) Optical Instrumentation
Friday 06/12/2024	406271A	(ELECTIVE-VI) Cyber Security
	406271B	(ELECTIVE-VI) Automation in Agriculture
	406271 C	(ELECTIVE-VI) Environmental Instrumentation

B.E. MECHANICAL

SEMESTER- VII

Time:- **2.00 PM.TO 4.30 PM.**

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	402041	Heating Ventilation Air-Conditioning and Refrigeration
Friday 13/12/2024	402042	Dynamics of Machinery
Monday 16/12/2024	402043	Turbo machinery*Time:-　2.00PM.TO 4.00 PM
Wednesday 18/12/2024	402044A	(ELECTIVE-III) Automobile Design
	402044B	(ELECTIVE-III) Design of Heat Transfer Equipments
	402044 C	(ELECTIVE-III) Modern Machining Processes
	402044 D	(ELECTIVE-III) Industrial Engineering
	402044E	(ELECTIVE-III) Internet of Things
	402044 F	(ELECTIVE-III) Computational Fluid Dynamics
Friday 20/12/2024	402045A	(ELECTIVE-IV) Product Design and Development
	402045B	(ELECTIVE-IV) Experimental Methods in Thermal Engineering
	402045 C	(ELECTIVE-IV) Additive Manufacturing
	402045 D	(ELECTIVE-IV) Operations Research
	402045E	(ELECTIVE-IV) Augmented Reality and Virtual Reality

NOTE:-*PLEASE NOTE THE TIME

B.E. MECHANICAL

SEMESTER-VIII

Time:- **2.00 PM.TO 4.30 PM.**

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	402048	Computer Integrated Manufacturing
Friday 29/11/2024	402049	Energy Engineering
Wednesday 04/12/2024	402050A	(ELECTIVE-V) Quality and Reliability Engineering
	402050B	(ELECTIVE-V) Energy Audit and Management
	402050 C	(ELECTIVE-V) Manufacturing Systems and Simulation
	402050 D	(ELECTIVE-V)Engineering Economics and Financial Management
	402050E	(ELECTIVE-V) Organizational Informatics
	402050 F	(ELECTIVE-V) Computational Multi Body Dynamics
Friday 06/12/2024	402051A	(ELECTIVE-VI) Process Equipment Design
	402051B	(ELECTIVE-VI) Renewable Energy Technologies
	402051 C	(ELECTIVE-VI) Automation and Robotics
	402051 D	(ELECTIVE-VI) Industrial Psychology and Organizational Behavior
	402051E	(ELECTIVE-VI) Electrical and Hybrid Vehicle

B.E.MECHANICAL SANDWICH

SEMESTER- VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	402064	ENERGYENGINEERINGANDMANAGEMENT(SELF-STUDY-III)
Friday 13/12/2024	402065	INDUSTRIALENGINEERINGANDORGANIZATIONAL MANAGEMENT(SELF-STUDY-IV)

SEMESTER-VIII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	402066	Design of Transmission Elements* Time:-2.00PM.TO 5.00PM.
Friday 29/11/2024	402067	Machine Dynamics and Vibration
Monday 02/12/2024	402068	Artificial Intelligence in Mechanical Engineering
Wednesday 04/12/2024	402069A	(ELECTIVE-I) Automobile Engineering
	402069B	(ELECTIVE-I) Refrigeration and Air-Conditioning
	402069 C	(ELECTIVE-I) Fluid Power Control
	402045 C	(ELECTIVE-I) Additive Manufacturing
	402051 C	(ELECTIVE-I) Automation and Robotics
Friday 06/12/2024	402044E	(ELECTIVE-II) Internet of Things
	402045A	(ELECTIVE-II) Product Design and Development
	402045 D	(ELECTIVE-II) Operations Research
	402050A	(ELECTIVE-II) Quality and Reliability Engineering
	402051E	(ELECTIVE-II) Electrical and Hybrid Vehicle

NOTE:-*PLEASE NOTE THE TIME

Nov./Dec.-2024

B.E. PRINTING TECHNOLOGY

SEMESTER- VII

Time:- **2.00 PM.TO 4.30 PM.**

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	408283	Gravure Printing Techniques
Friday 13/12/2024	408284	Digital Printing Techniques
Wednesday 18/12/2024	408281A	(ELECTIVE-III) Paper Board and Corrugation Package Technology
	408281B	(ELECTIVE-III) Polymer Science
Friday 20/12/2024	408282A	(ELECTIVE-IV) Multimedia Advertising
	408282B	(ELECTIVE-IV) Process Optimization and Total Quality Management in Printing

SEMESTER-VIII

Time:- **2.00 PM.TO 4.30 PM.**

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	408290	Operations Management in Printing and Packaging
Friday 29/11/2024	408291	Adhesives and Coatings in Packaging
Wednesday 04/12/2024	408288A	(ELECTIVE-V) Food and Pharmaceutical Packaging
	408288B	(ELECTIVE-V) Printed Electronics
Friday 06/12/2024	408289A	(ELECTIVE-VI) Sustainable Packaging
	408289B	(ELECTIVE-VI) Management Information Systems and Data Science

B.E. PRODUCTION ENGINEERING

SEMESTER- VII

Time:- **2.00 PM.TO 4.30 PM.**

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	411081	Automation and Control Engineering
Friday 13/12/2024	411082	Operations Research
Wednesday 18/12/2024	411083A	(ELECTIVE-III) Simulation, Modeling and Digital Twin
	411083B	(ELECTIVE-III) Total Quality management
	411083 C	(ELECTIVE-III) Artificial Intelligence in Manufacturing
	411083 D	(ELECTIVE-III) World Class Manufacturing
Friday 20/12/2024	411084A	(ELECTIVE-IV) Plant Maintenance and industrial safety
	411084B	(ELECTIVE-IV) Surface Engineering
	411084 C	(ELECTIVE-IV) Reverse Engineering
	411084 D	(ELECTIVE-IV) Entrepreneurship and Innovations

SEMESTER-VIII

Time:- **2.00 PM.TO 4.30 PM.**

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	411088	Computer Integrated Design and Manufacturing
Friday 29/11/2024	411089	Industrial Robotics
Wednesday 04/12/2024	411090A	(ELECTIVE-V)E- Mobility in Automobile
	411090B	(ELECTIVE-V) Smart Manufacturing
	411090 C	(ELECTIVE-V)Manufacturing System design
	411090 D	(ELECTIVE-V) Ergonomics and Work Management
Friday 06/12/2024	411091A	(ELECTIVE-VI) Facility Planning
	411091B	(ELECTIVE-VI) Additive Manufacturing
	411091 C	(ELECTIVE-VI) Reliability Engineering
	411091 D	(ELECTIVE-VI) Data Analytics

B.E. PRODUCTION SANDWICH ENGINEERING

SEMESTER- VII

Time:- **2.00 PM.TO 4.30 PM.**

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	411121	Manufacturing Automation
Friday 13/12/2024	411122	Operations Research
Wednesday 18/12/2024	411123A	(ELECTIVE-III) Additive Manufacturing
	411123B	(ELECTIVE-III) Industrial Robotics
	411123 C	(ELECTIVE-III) Reliability Engineering
	411123 D	(ELECTIVE-III) Micro-Electromechanical systems
Friday 20/12/2024	411124A	(ELECTIVE-IV) Creative Product Design
	411124B	(ELECTIVE-IV) Mechatronics
	411124 C	(ELECTIVE-IV)CAD/CAM
	411124 D	(ELECTIVE-IV) Data analytics

SEMESTER-VIII

Time:- **2.00 PM.TO 4.30 PM.**

Day & Date	Paper Code	Subject
Wednesday 04/12/2024	411134A	(ELECTIVE-V) Supply Chain Management
	411134B	(ELECTIVE-V) Plant Engineering and Maintenance
	411134 C	(ELECTIVE-V) Industrial Relation and Human Resource Management
	411134 D	(ELECTIVE-V) Marketing mgmt.

B.E. ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

SEMESTER- VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	418541	Information Retrieval in AI
Friday 13/12/2024	418542	Cloud Computing
Monday 16/12/2024	418543	Deep Learning for AI
Wednesday 18/12/2024	418544A	(ELECTIVE-III) Quantum Computing
	418544B	(ELECTIVE-III) Block Chain
	418544 C	(ELECTIVE-III) AI in Drones
Friday 20/12/2024	418545A	(ELECTIVE-IV) Ethical Hacking and cyber forensics
	418545B	(ELECTIVE-IV) Augmented Reality and Virtual Reality
	418545 C	(ELECTIVE-IV) DevOps in Machine Learning

SEMESTER-VIII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	418550	Natural Language Processing
Wednesday 04/12/2024	418551A	(ELECTIVE-V) Distributed System
	418551B	(ELECTIVE-V) Software Project and Management
	418551 C	(ELECTIVE-V) Computer Vision
Friday 06/12/2024	418552A	(ELECTIVE-VI) Reinforcement Learning
	418552B	(ELECTIVE-VI) Big data analytics
	418552C	(ELECTIVE-VI) AI using R programming

B.E. AUTOMATION & ROBOTICS ENGINEERING

SEMESTER- VII

Time:-   2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	402541	Industrial Automation & Control Systems
Friday 13/12/2024	402542	Robotic Process Automation & Development
Monday 16/12/2024	402543	Artificial Neural Networks and Deep Learning *Time:-**2.00PM.TO4.00PM**
Wednesday 18/12/2024	402544A	(ELECTIVE-III) Robotics: Cognitive & Medical
	402544B	(ELECTIVE-III) Microprocessors and Microcontrollers
	402544 C	(ELECTIVE-III) Modern Machining Processes
	402544 D	(ELECTIVE-III) Industrial Engineering
	402544E	(ELECTIVE-III) Computational Fluid Dynamics
Friday 20/12/2024	402545A	(ELECTIVE-IV) Lean Manufacturing
	402545B	(ELECTIVE-IV) Project Management
	402545 C	(ELECTIVE-IV) Additive Manufacturing
	402545 D	(ELECTIVE-IV) Operations Research
	402545E	(ELECTIVE-IV) Augmented Reality and Virtual Reality

Note-Please Note the timing.

SEMESTER-VIII

Time:-   2.00PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	402549	Embedded Systems in Robots
Friday 29/11/2024	402550	Fundamentals of Autonomous Systems
Wednesday 04/12/2024	402551A	(ELECTIVE-V) Industrial Robotics & Material Handling systems
	402551B	(ELECTIVE-V) Supply Chain Management
	402045A	(ELECTIVE-V) Product Design & Development
	402050 C	(ELECTIVE-V) Manufacturing Systems and Simulation
	402050 D	(ELECTIVE-V) Engineering Economics and Financial Management
Friday 06/12/2024	402552A	(ELECTIVE-VI) Data Science
	402552B	(ELECTIVE-VI) Data Visualization
	402552 C	(ELECTIVE-VI) Network Science
	402044E	(ELECTIVE-VI) Internet of Things
	402051 D	(ELECTIVE-VI) Industrial Psychology and Organizational Behavior

B.E. ROBOTICS & AUTOMATION

SEMESTER- VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	411501	Machine Vision System
Friday 13/12/2024	411502	Robot System Reliability and Safety
Wednesday 18/12/2024	411503A	(ELECTIVE-III) Advanced Computational Techniques
	411503B	(ELECTIVE-III) Wireless sensor network
	411503 C	(ELECTIVE-III) Micro processor and microcontroller
	411503 D	(ELECTIVE-III) Ergonomics and work management
Friday 20/12/2024	411504A	(ELECTIVE-IV) Computational Fluid Dynamics
	411504B	(ELECTIVE-IV) Internet of Things and Machine Learning
	411504 C	(ELECTIVE-IV) Artificial Neural Networks and fuzzy systems
	411504 D	(ELECTIVE-IV) Power Electronics and Drives

SEMESTER–VIII

Time:-2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	411508	Field and Service Robots
Friday 29/11/2024	411509	PLC and SCADA Programming
Wednesday 04/12/2024	411510A	(ELECTIVE-V) Reverse Engineering
	411510B	(ELECTIVE-V) Data Analytics
	411510 C	(ELECTIVE-V) Entrepreneurship and Innovations
	411510 D	(ELECTIVE-V) Electronics system design and Analysis
Friday 06/12/2024	411511A	(ELECTIVE-VI) Additive Manufacturing
	411511B	(ELECTIVE-VI) Industry4.0
	411511 C	(ELECTIVE-VI) VLSI design for Robotics
	411511 D	(ELECTIVE-VI) Intelligent Robotics Systems

B.E. ELECTRONICS & COMPUTER

SEMESTER- VII

Time:- 2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	410341	Data Science and Visualization
Friday 13/12/2024	410342	Web Technology
Monday 16/12/2024	410343	Internet of Things
Wednesday 18/12/2024	410344A	(Elective-III) Big Data & Analytics
	410344B	(Elective-III) Mobile Application Development
	410344 C	(Elective-III) Information and Cyber Security
	410344 D	(Elective-III) Digital Image Processing
Friday 20/12/2024	410345A	(Elective-IV) Robotics & Automation
	410345B	(Elective-IV) Human Computer Interface
	410345 C	(Elective-IV) Digital System Design
	410345 D	(Elective-IV) Augmented and Virtual Reality

SEMESTER-VIII

Time:-2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	410350	Artificial Intelligence and Machine Learning
Friday 29/11/2024	410351	VLSI Design and Technology
Wednesday 04/12/2024	410352A	(Elective-V) Cloud Computing
	410352B	(Elective-V) Embedded System and Real Time Operating Systems
	410352C	(Elective-V) Software Testing and Quality Assurance
	410352 D	(Elective-V) Artificial Neural Network
Friday 06/12/2024	410353A	(Elective-VI) Data Mining and Warehousing
	410353B	(Elective-VI) Electric Vehicle Technology
	410353 C	(Elective-VI) Software Defined Radio
	410353 D	(Elective-VI) Wireless Sensor Network

B.E. ARTIFICIAL INTELLIGENCE & DATA SCIENCE

SEMESTER- VII

Time:- **2.00 PM.TO 4.30 PM.**

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	417521	Machine Learning
Friday 13/12/2024	417522	Data Modeling & Visualization
Wednesday 18/12/2024	417523A	(Elective-III) Quantum Artificial Intelligence
	417523B	(Elective-III) Industrial Internet of Things
	417523 C	(Elective-III) Enterprise Architecture and Components
	417523 D	(Elective-III) Bioinformatics
Friday 20/12/2024	417524A	(Elective-IV) GPU Programming and Architecture
	417524B	(Elective-IV)Information Retrieval
	417524 C	(Elective-IV) UI/UX Design
	417524 D	(Elective-IV) Optimization Algorithms

SEMESTER-VIII

Time:- **2.00 PM.TO4.30 PM.**

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	417530	Computational Intelligence
Friday 29/11/2024	417531	Distributed Computing
Wednesday 04/12/2024	417532A	(Elective-V) Virtual Reality and Game Development
	417532B	(Elective-V) Big Data analytics
	417532 C	(Elective-V) Software Development for Portable Devices
	417532 D	(Elective-V) Deep Learning
Friday 06/12/2024	417533A	(Elective-VI) Augmented Reality
	417533B	(Elective-VI) Business Intelligence
	417533 C	(Elective-VI) Information Systems Management
	417533 D	(Elective-VI) Reinforcement Learning

B.E. MECHATRONICS ENGINEERING

SEMESTER- VII

Time:-   2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	417541	Robot Operating System
Friday 13/12/2024	417542	Data Communication
Monday 16/12/2024	417543	Micro Electro Mechanical Systems
Wednesday 18/12/2024	417544-A	(Elective-III) Image Processing and Computer Vision
	417544-B	(Elective-III) Medical Mechatronics
	417544-C	(Elective-III) Virtual Instrumentation
Friday 20/12/2024	417545-A	(Elective-IV) Product Design and Development
	417545-B	(Elective-IV) Operation Research
	417545-C	(Elective-IV)Industry4.0

SEMESTER-VIII

Time:-   2.00 PM.TO 4.30 PM.

Day & Date	Paper Code	Subject
Wednesday 27/11/2024	417548	Internet of Things
Friday 29/11/2024	417549	Vibration Analysis and Control
Wednesday 04/12/2024	417550-A	(Elective-V) App Development
	417550-B	(Elective-V) Rapid Prototyping
	417550-C	(Elective-V) Advanced Control Systems
Friday 06/12/2024	417551-A	(Elective-VI) Industrial Robotics
	417551-B	(Elective-VI) Human Machine Interface
	417551-C	(Elective-VI) Electric Vehicles

B.E. COMPUTER SCIENCE AND DESIGN

SEMESTER- VII

Time:- **2.00 PM.TO 4.30 PM.**

Day & Date	Paper Code	Subject
Wednesday 11/12/2024	418241	Computer Vision
Friday 13/12/2024	418242	Deep learning
Monday 16/12/2024	418243	Game Design and Development
Wednesday 18/12/2024	418244-A	(Elective-III) Object Oriented Modelling and Design
	418244-B	(Elective-III) Software Testing and Quality Assurance
	418244-C	(Elective-III) Blockchain Technology
	418244-D	(Elective-III) Information Retrieval
Friday 20/12/2024	418245-A	(Elective-IV) Natural Language Processing
	418245-B	(Elective-IV) Software Development for Portable devices
	418245-C	(Elective-IV) Compiler Design
	418245-D	(Elective-IV) Advanced UI/UX Design

B.E. HONORS/MINORS

SEMESTER- VII

Time:- **2.00 PM.TO 4.30 PM.**

Day & Date	Paper Code	Subject
Monday 23/12/2024	401301	Work Method Statement Making
	401401	Traffic and Transportation Planning
	402014MJ	Additive Manufacturing System Design
	402024MJ	Electrical Energy Systems
	302034MJ	Modelling and Simulation of EHV
	302044MJ	System modeling and simulation
	404181HR	Industrial Robotics & Automation
	404181HBCT	Smart Contracts & Cryptocurrency
	408214	Sustainable Packaging
	410301	Machine Learning
	410401	Internet of Things and Embedded Security
	410501	Machine Learning and Data Science
	410601	Machine Learning for Internet of Things
	410701	Virtual Realityin Game Development

B.E.HONORS/MINORS

SEMESTER-VIII

Time:- **2.00PM.TO 4.30 PM.**

Day & Date	Paper Code	Subject
Monday 09/12/2024	401303	Tunnel Engineering
	401403	Land Use and Land Cover
	402016MJ	3D Printing Applications & Entrepreneurship
	402026MJ	Sustainable Energy Conversion Systems
	302036MJ	e-Vehicle Standards, Charging & Safety
	302046MJ	Systems Engineering Management
	404183HR	Artificial Intelligence in Robotics
	404183HBCT	Block Chain Solutions
	408216	Brand and Packaging Management
	410303	Soft Computing and Deep Learning
	410403	Information Systems Management
	410503	Artificial Intelligence for Big Data Analytics
	410603	Internet of Things Security
	410703	Application Development using Augmented Reality and Virtual Reality

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Ref. No/XCT: 656

Date: 22/10/2024

Director,
Board of Examinations and Evaluation