

**TIME-TABLE**

**B.E. VIII Semester - CBCS (Main & Backlog) EXAMINATIONS: JULY/AUGUST, 2021**

**Time: 10:00 am to 12:00 noon**

Date	Civil	Electrical & Electronics	Electronics & Instrumentation	Electronics & Communication	Mechanical	Production	Automobile	Computer Science	Information Technology
05-07-2021	Construction Management & Technology	Utilization of Electrical Energy	Advance Programmable Logic Controller	==	Professional Elective – II	Professional Elective – II	Professional Elective – II	==	==
07-07-2021	Professional Elective – III	Professional Elective – III	Professional Elective – III	Professional Elective – III	Professional Elective – III	Professional Elective – III	Professional Elective – III	Professional Elective – III	Professional Elective – III
09-07-2021	Professional Elective – IV	Professional Elective – IV	Professional Elective – IV	Professional Elective – IV	Professional Elective – IV	Professional Elective – IV	Professional Elective – IV	Professional Elective – IV	Professional Elective – IV
12-07-2021	Professional Elective – V	Professional Elective – V	Professional Elective – V	Professional Elective – V	Professional Elective – V	Professional Elective – V	Professional Elective – V	Professional Elective – V	Professional Elective – V
14-07-2021	Gender Sensitization	==	==	==	==	==	==	==	==

Professional Electives II, III, IV & V : See Annexure

Note: The Examination Centers should give highest priority to health and safety of all concerned by following the Protocols for preventing COVID-19 pandemic.



CONTROLLER OF EXAMINATIONS

*S. V. S. S. S.*  
30/6/2021

Civil	Electronics & Communication	Mechanical	Production	Automobile	Computer Science	Information Technology	Electrical & Electronics	Electronics & Instrumentation
<p><b>Professional Elective- III</b></p> <ul style="list-style-type: none"> <li>• Retrofitting and Rehabilitation of Structures</li> <li>• Computer Aided Analysis and Design</li> <li>• Applied Hydrology</li> <li>• Introduction to Climate Change</li> </ul> <p><b>Professional Elective- IV</b></p> <ul style="list-style-type: none"> <li>• Structural Dynamics</li> <li>• Design with Geosynthetics</li> <li>• Groundwater Management</li> <li>• Intelligent Transportation Systems</li> </ul> <p><b>Professional Elective- V</b></p> <ul style="list-style-type: none"> <li>• Prefabrication Engineering</li> <li>• Principles of Green Building Practices</li> <li>• Advanced Reinforced Concrete Design</li> <li>• Traffic Engineering &amp; Infrastructure Design</li> </ul>	<p><b>Professional Elective- III</b></p> <ul style="list-style-type: none"> <li>• Field Programmable Gate Arrays</li> <li>• Internet of Things</li> <li>• Neural Networks</li> <li>• Satellite Communications</li> </ul> <p><b>Professional Elective- IV</b></p> <ul style="list-style-type: none"> <li>• Wireless Sensor Networks</li> <li>• Global Navigational Satellite Systems</li> <li>• System Verilog</li> <li>• Multirate Signal Processing</li> </ul> <p><b>Professional Elective- V</b></p> <ul style="list-style-type: none"> <li>• Real Time Operating Systems</li> <li>• Fuzzy Logic And Applications</li> <li>• Radar Systems</li> <li>• Design of Fault Tolerant Systems</li> </ul>	<p><b>Professional Elective- II</b></p> <ul style="list-style-type: none"> <li>• Design of Solar Energy System</li> <li>• Mechanical Vibrations</li> <li>• Composite Materials</li> <li>• Non-Destructive Testing</li> </ul> <p><b>Professional Elective- III</b></p> <ul style="list-style-type: none"> <li>• Power Plant Engineering</li> <li>• Robotic Engineering</li> <li>• Tool Design</li> <li>• Product Design And Process Planning</li> </ul> <p><b>Professional Elective- IV</b></p> <ul style="list-style-type: none"> <li>• Intellectual Property Rights</li> <li>• Additive Manufacturing Technology</li> <li>• Machine Tool Engineering and Design</li> <li>• Entrepreneurship Development</li> </ul> <p><b>Professional Elective- V</b></p> <ul style="list-style-type: none"> <li>• Energy Conservation and Mgmt.</li> <li>• Advanced Propulsion and Space Science</li> <li>• Waste Heat Recovery and Co-Generation</li> <li>• Aerodynamic Design of Thermal Turbines</li> </ul>	<p><b>Professional Elective- II</b></p> <ul style="list-style-type: none"> <li>• Design of Solar Energy System</li> <li>• Total Quality Management</li> <li>• Composite Materials</li> <li>• Non-Destructive Testing</li> </ul> <p><b>Professional Elective- III</b></p> <ul style="list-style-type: none"> <li>• Mechanical Vibrations</li> <li>• Rapid Prototyping Technologies</li> <li>• Robotic Engineering</li> <li>• Product Design And Process Planning</li> </ul> <p><b>Professional Elective- IV</b></p> <ul style="list-style-type: none"> <li>• Intellectual Property Rights</li> <li>• Plastic Engineering and Technology</li> <li>• Machine Tool Engineering and Design</li> <li>• Entrepreneurship Development</li> </ul> <p><b>Professional Elective- V</b></p> <ul style="list-style-type: none"> <li>• Energy Conservation and Mgmt.</li> <li>• Advanced Propulsion and Space Science</li> <li>• Waste Heat Recovery and Co-Generation</li> <li>• Aerodynamic Design of Thermal Turbines</li> </ul>	<p><b>Professional Elective- II</b></p> <ul style="list-style-type: none"> <li>• Vehicle Dynamics</li> <li>• Modern Machining and Forming Method</li> <li>• Advanced Composite Material</li> <li>• Autotronics</li> </ul> <p><b>Professional Elective- III</b></p> <ul style="list-style-type: none"> <li>• Transport Management</li> <li>• Non-Conventional Energy Sources</li> <li>• Robotic Engineering</li> <li>• Machine Tool Engineering and Design</li> </ul> <p><b>Professional Elective- IV</b></p> <ul style="list-style-type: none"> <li>• Non-Destructive Testing</li> <li>• Automotive Pollution &amp; Control</li> <li>• Additive Manufacturing Technology</li> <li>• Entrepreneurship Development</li> </ul> <p><b>Professional Elective- V</b></p> <ul style="list-style-type: none"> <li>• Energy Conservation and Mgmt.</li> <li>• Advanced Propulsion and Space Science</li> <li>• Waste Heat Recovery and Co-Generation</li> <li>• Aerodynamic Design of Thermal Turbines</li> </ul>	<p><b>Professional Elective- III</b></p> <ul style="list-style-type: none"> <li>• Mobile Computing</li> <li>• Image Processing</li> <li>• Software Quality and Testing</li> <li>• Web Services and Architecture</li> <li>• Computational Intelligence</li> </ul> <p><b>Professional Elective- IV</b></p> <ul style="list-style-type: none"> <li>• Embedded Systems</li> <li>• Information Retrieval Systems</li> <li>• Machine Learning</li> <li>• Natural Language Processing</li> <li>• Data Science using R Programming</li> </ul> <p><b>Professional Elective- V</b></p> <ul style="list-style-type: none"> <li>• Multicore and GPU Programming</li> <li>• Cloud Computing</li> <li>• Human Computer Interaction</li> </ul>	<p><b>Professional Elective- III</b></p> <ul style="list-style-type: none"> <li>• Distributed Systems</li> <li>• Web Services and Architecture</li> <li>• Machine Learning</li> <li>• Data Science using R Programming</li> </ul> <p><b>Professional Elective- IV</b></p> <ul style="list-style-type: none"> <li>• Computational Intelligence</li> <li>• Adhoc and Sensor Networks</li> <li>• Natural Language Processing</li> <li>• Information Storage and Management</li> </ul> <p><b>Professional Elective- V</b></p> <ul style="list-style-type: none"> <li>• Information Retrieval System</li> <li>• Distributed Databases</li> <li>• Cloud Computing</li> <li>• Human Computer Interaction</li> </ul>	<p><b>Professional Elective- III</b></p> <ul style="list-style-type: none"> <li>• Power System Reliability</li> <li>• Electric Vehicle and Hybrid Electric Vehicle</li> <li>• Machine Modelling Analysis</li> <li>• High Voltage DC Transmission</li> </ul> <p><b>Professional Elective- IV</b></p> <ul style="list-style-type: none"> <li>• Advanced Control Systems</li> <li>• Electrical Estimation Costing &amp; Safety</li> <li>• Advanced Power Electronics</li> <li>• Power Quality</li> </ul> <p><b>Professional Elective- V</b></p> <ul style="list-style-type: none"> <li>• Smart Grid Technologies</li> <li>• Energy Management Systems and SCADA</li> <li>• Special Electrical Machines</li> <li>• Power Electronics Applications to Renewable Energy</li> <li>• Electrical Substation Design and Equipment</li> </ul>	<p><b>Professional Elective- III</b></p> <ul style="list-style-type: none"> <li>• Digital Control Systems</li> <li>• Automation in Process Control</li> <li>• Hydraulic &amp; Pneumatics</li> <li>• Software Design tools for Sensing &amp; Control</li> </ul> <p><b>Professional Elective- IV</b></p> <ul style="list-style-type: none"> <li>• Power Quality</li> <li>• Advance Digital Signal Processing</li> <li>• Biomedical Signal Processing</li> <li>• Power plant design and safety management</li> </ul> <p><b>Professional Elective- V</b></p> <ul style="list-style-type: none"> <li>• Energy Management Systems and SCADA</li> <li>• Neural Networks and Fuzzy Logic</li> <li>• Instrumentation for Agricultural and Food Processing Industries</li> <li>• Digital Image Processing</li> </ul>



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29/6/2021



## OSMANIA UNIVERSITY

No. 121/BE/Exams/2021

Dt.30-06-2021

TIME-TABLE**B.E. IV/IV II-SEMESTER (Backlog) EXAMINATIONS: JULY/AUGUST, 2021****Time: 10:00 am to 12:00 noon**

Date	Civil	Electrical & Electronics	EIE	Electronics & Communication	Mechanical	Production	Automobile	Computer Science	Information Technology
05-07-2021	Estimating & Specifications(N) <b>Constn. Mangt. &amp; Admn. (O)</b>	Incl. Admn. & Fin. Mangt. (N/O)	Incl. Admn. & Fin. Mangt. (N/O)	Data Commu. & Comp. Networ. (N) <b>Radar &amp; Satellite Communication (O)</b>	Prodn. & Operations Management(N/O)	Prodn. & Operations Management(N/O)	Quality Control & Reliability Engineering(N/O)	Data Mining (N/O)	Embedded Systems (N/O)
07-07-2021	====	Elective – III (Only Elect. Instr. System)	Elect. Instr. Systems (N/O)	====	Production Drawing (N/O)	Tool Design (N/O)	Alternative Fuels & System for Automobiles(N/O)	Elective – II (Only Infor. and. Storage Mgmt.)	Elective – IV (Except Inf. Retrieval Systems)
09-07-2021	====	Elective-III (Except Elect. Instr. System)	Elective – III	Elective – IV (N)	Elective – III (Except Rapid Prototyping Technologies)	Elective – III (Except Rapid Prototyping Technologies)	Elective – II (Only Robotics)	Elective – III (Only Cloud Computing)	(Elective – V) (Only Soft Computing & Cloud Computing)
12-07-2021	Disaster Mit. & Mgmt. (N/O)	Elective – II (Only Disaster Mit. & Mgmt.)	Elective – II (Only Disaster Mit. & Mgmt.)	Elective – III (Only Disaster Mit. & Mgmt.)	Elective – III (Only Rapid Prototyping Technologies)	Elective – III (Only Rapid Prototyping Technologies)	Elective – III (Only Rapid Prototyping Technologies)	Elective – III (Only Disaster Mit. & Mgmt)	Elective – V (Only Disaster Mit. & Mgmt)
14-07-2021	Elective – II	Utilization (N/O)	====	Elective – II Elective – III (N)	Elective – II (Only Mechatronics)	Elective – II (Only Mechatronics)	Elective – III (Except Rapid Prototyping Technologies)	Elective – II (Except Infor. Storage Mgmt.)	Elective – V (Except Cloud Computing, Soft Computing, Dis.Mit. & Mgmt.)
15-07-2021	Elective – III	Elective – II (Except Disaster Mit. & Mgmt.)	Elective – II (Except Disaster Mit. & Mgmt.)	Elective – III (O) (Except Disaster Mit. & Mgmt.)	Elective – II (Except Mechatronics)	Elective – II (Except Mechatronics)	Elective – II (Except Robotics)	Elective – III (Except Disaster Mit. & Mgmt, Cloud Computing.)	Elective – IV (Only Inf. Retrieval Systems)

**Elective-II, III IV and V (See Annexure – I)**

Note: The Examination Centers should give highest priority to health and safety of all concerned by following the protocols for preventing COVID-19 pandemic.



  
**CONTROLLER OF EXAMINATIONS**

## Annexure – I (Page No: 1/2)

Electives II & IV

Civil	Electrical & Electronics	EIE	Electronics & Communication	Mechanical & Production	Automobile	Computer Science	Information Technology
<b>Elective-II</b> - Health Monitoring & Retrofitting of Structures - Ground Improvement Techniques - Advanced Environmental Engg. - Advanced Reinforced Concrete Design - Advanced Transportation Engineering	<b>Elective-II</b> - Electrical Power Distribution Engineering - Adv. Control System - Optimization Methods - Intellectual Property Rights - VLSI Design - Dis. Mit. Mgmt.	<b>Elective-II</b> - Advanced Control Systems - Optimization Methods - Intellectual Property Rights - Dis. Mit. Mgmt. - Adv. PLC Prog. - VLSI Design	<b>Elective-II</b> - Design of Fault Tolerant Systems - Entrepreneurship - Real Time Operating systems - Coding Theory & Tech. - Wireless Sensor Networks - Speech Processing <b>Elective-III (New)</b> - Real Time Operating Systems - Coding Theory & Techniques - Design of Fault Tolerant Systems - Radar Systems - Mobile & Cellular Communications - Intellectual Property Rights	<b>Elective-II</b> - Artificial Intelligence & Expert Systems - Machine Tool Design - Manufacturing Systems and Simulations - Mechatronics - Intellectual Property Rights - Microprocessor Applns. - Nano Materials & Technology - Power Plant Engineering - Information Security	<b>Elective – II</b> - Robotics - Vehicle Body Engg. - Automotive Aerodynamics - Computer Simulation of IC Engines - Modern Vehicle Technology - Computer Integrated Manufacturing - Information Security	<b>Elective-II</b> - Software Quality & Testing - Information Storage & Management - Human Computer Interaction - Entrepreneurship - Software Reuse Techniques - Simulation & Modeling - Operations Research	<b>Elective-IV</b> - Information Storage & Mgmt - Information Retrieval Systems - Simulation & Modeling - Adv. Computer Architecture - Natural Language Processing



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## Annexure – I (Page No: 2/2)

Electives III & V

Civil	Electrical & Electronics	EIE	Electronics & Communication	Mechanical & Production	Automobile	Computer Science	Information Technology
<b>Elective-III</b> - Ground Water Hydrology - Finite Element Methods (O) - Intellectual Property Rights - Infrastructure Engg. - Information Security - Elements of Earthquake Engg. (N)	<b>Elective-III</b> - Renewable Energy Sources - Electronic Inst. System - Image Processing - Power Systems Reliability - Soft Computing - Transducers	<b>Elective-III</b> - Renewable Energy Sources - Robotics - Soft Computing - Process Plan Des. & Safety Mgmt. - Image processing - Adv. Digital Signal Proce.	<b>Elective-III</b> - Intellectual Property Rights - Nano Tech. - Spectral Estimation Techniques - Dis. Mit. & Mgmt. -Global Positioning Systems -Neural Networks & Fuzzy Logic <b>Elective-IV (New)</b> -Nano Electronics - Global Navigational Satellite Systems -Fuzzy Logic and Applications -Wireless Sensor Networks -EMIC -Speech Signal processing -Disaster Mit. & Mgmt.	<b>Elective-III</b> - Robotics - Product Design and Process Planning - Modern Machining and Farming Methods - Plastic Engineering and Technology - Computer Graphics - Internet Programming - Fuels & Combustion - Rapid Prototyping Technologies - Material Handling - Total Quality Mgmt. - Non-Destructive Testing	<b>Elective-III</b> - Mechatronics -Entrepreneurship - Tractor & Farm Equipment - Management Information Systems - Two and Three Wheeled Vehicles - Rapid Prototyping Technologies - Earthmoving Vehicles	<b>Elective-III</b> - Multimedia Systems - Information Retrieval Systems - Adv. Data Bases - Semantic Web - Intellectual Property Rights - Cloud Computing - Dis. Mit. & Mgmt.	<b>Elective-V</b> - Soft Computing - Human Computer Interaction - Software Project Management - Entrepreneurship - Cloud Computing - Disaster Mit. & Mgmt.



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30/6/2021