OSMANIA UNIVERSITY

No. 288/BE/Exams/2020

REVISED TIME-TABLE

B.E. VIII Semester - CBCS (Main) EXAMINATIONS: SEPTEMBER 2020

Time / Date	10.00 am to 12.00 noon					03.00 pm to 05.00 pm			
	Civil	Electronics & Communication	Mechanical	Production	Automobile	Computer Science	Information Technology	Electrical & Electronics	Electronics & Instrumentation
17-09-2020	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
18-09-2020	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
19-09-2020	Gender Sensitization	===	===	===	===	===	===	===	===
25-09-2020	Construction Management & Technology	===	Professional Elective – II	Professional Elective – II	Professional Elective – II	===	===	Utilization of Electrical Energy	Advance Programmable Logic Controller
26-09-2020	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

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

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

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Civil	Electronics & Communication	Mechanical	Production	Automobile	Computer Science	Information Technology	Electrical & Electronics	Electronics & Instrumentation
Professional Elective- III • Retrofitting and Rehabilitation of Structures • Computer Aided Analysis and Design • Applied Hydrology • Introduction to Climate Change **Professional Elective- IV** • Structural Dynamics • Design with Geosynthetics • Groundwater Management • Intelligent Transportation Systems **Professional Elective- V** • Prefabrication Engineering • Principles of Green Building Practices • Advanced Reinforced Concrete Design • Traffic Engineering & Infrastructure Design	**Professional Elective- III** • Field Programmable Gate Arrays • Internet of Things • Neural Networks • Satellite Communications **Professional Elective- IV** • Wireless Sensor Networks • Global Navigational Satellite Systems • System Verilog • Multirate Signal Processing **Professional Elective- V** • Real Time Operating Systems • Fuzzy Logic And Applications • Radar Systems • Design of Fault Tolerant Systems	**Professional Elective- II** • Design of Solar Energy System • Mechanical Vibrations • Composite Materials • Non-Destructive Testing **Professional Elective- III** • Power Plant Engineering • Robotic Engineering • Tool Design • Product Design And Process Planning **Professional Elective- IV** • Intellectual Property Rights • Additive Manufacturing Technology • Machine Tool Engineering and Design • Entrepreneurship Development **Professional Elective- V** • Energy Conservation and Mgmt. • Advanced Propulsion and Space Science • Waste Heat Recovery and Co-Generation • Aerodynamic Design of Thermal Turbines	**Professional Elective- II** • Design of Solar Energy System • Total Quality Management • Composite Materials • Non-Destructive Testing **Professional Elective- III** • Mechanical Vibrations • Rapid Prototyping Technologies • Robotic Engineering • Product Design And Process Planning **Professional Elective- IV** • Intellectual Property Rights • Plastic Engineering and Technology • Machine Tool Engineering and Design • Entrepreneurship Development **Professional Elective- V** • Energy Conservation and Mgmt • Advanced Propulsion and Space Science • Waste Heat Recovery and Co-Generation • Aerodynamic Design of Thermal Turbines	**Professional Elective- II** • Vehicle Dynamics • Modern Machining and Forming Method • Advanced Composite Material • Autotronics **Professional Elective- III** • Transport Management • Non-Conventional Energy Sources • Robotic Engineering • Machine Tool Engineering and Design **Professional Elective- IV** • Non-Destructive Testing • Automotive Pollution & Control • Additive Manufacturing Technology • Entrepreneurship Development **Professional Elective- V** • Energy Conservation and Mgmt. • Advanced Propulsion and Space Science • Waste Heat Recovery and Co-Generation • Aerodynamic Design of Thermal Turbines	**Professional Elective- III** • Mobile Computing • Image Processing • Software Quality and Testing • Web Services and Architecture • Computational Intelligence **Professional Elective- IV** • Embedded Systems • Information Retrieval Systems • Machine Learning • Natural Language Processing • Data Science using R Programming **Professional Elective- V** • Multicore and GPU Programming • Cloud Computing • Human Computer Interaction	**Professional Elective- III** • Distributed Systems • Web Services and Architecture • Machine Learning • Data Science using R Programming **Professional Elective- IV** • Computational Intelligence • Adhoc and Sensor Networks • Natural Language Processing • Information Storage and Management **Professional Elective- V** • Information Retrieval System • Distributed Databases • Cloud Computing • Human Computer Interaction	**Professional Elective- III** • Power System Reliability • Electric Vehicle and Hybrid Electric Vehicle • Machine Modelling Analysis • High Voltage DC Transmission **Professional Elective- IV** • Advanced Control Systems • Electrical Estimation Costing & Safety • Advanced Power Electronics • Power Quality **Professional Elective- V** • Smart Grid Technologies • Energy Management Systems and SCADA • Special Electrical Machines • Power Electronics Applications to Renewable Energy • Electrical Substation Design and Equipment	**Professional Elective- III** • Digital Control Systems • Automation in Process Control • Hydraulic & Pneumatics • Software Design tools for Sensing & Control **Professional Elective- IV** • Power Quality • Advance Digital Signal Processing • Biomedical Signal Processing • Power plant design and safety management **Professional Elective- V** • Energy Management Systems and SCADA • Neural Networks and Fuzzy Logic • Instrumentation for Agricultural and Food Processing Industries • Digital Image Processing

OSMANIA UNIVERSITY

No. 288/BE/Exams/2020

Dt. 14-09-2020

REVISED TIME-TABLE

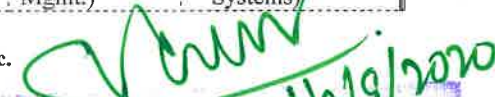### B.E. IV/IV II-SEMESTER (Backlog) EXAMINATIONS: SEPTEMBER, 2020

Time: 03:00 pm to 05:00 pm

Date	Civil	Electrical & Electronics	EIE	Electronics & Communication	Mechanical	Production	Automobile	Computer Science	Information Technology
17-09-2020	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.)
18-09-2020	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)
19-09-2020	= = =	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)
25-09-2020	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)
26-09-2020	Estimating &Specifications(N) *Constn. Mangt. & Admn. (O)*	Indl. Admn. & Fin. Mangt. (N/O)	Indl. Admn. & Fin. Mangt. (N/O)	Data Commu. & Comp. Networ. (N) *Radar & Satellite Communication (O)*	Prodn. & Operations Management(N/O)	Prodn. & Operations Management(N/O)	Quality Control & Reliability Engineering(N/O)	Data Mining (N/O)	Embedded Systems (N/O)
28-09-2020	= = =	Elective – III (Only Elect. Instr. System)	Elect. Instr. Systems (N/O)	= = =	Production Drawing (N/O)	Tool Design (N/O)	Alternative Fuels & Sys tem for Automobiles(N/O)	Elective – II (Only Infor. and. Storage Mgmt.)	Elective – IV (Except Inf. Retrieval Systems)

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

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Annexure – I (Page No: 1/2)

Electives II & IV

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

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Annexure – I (Page No: 2/2)

<u>**Electives III & V**</u>

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

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