



**REVISED**

**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY (627 TO 638)**  
**EIGHTH SEMESTER B. E. (CREDIT BASED SYSTEMS) EXAMINATION OF SUMMER 2020**  
 # PROGRAMME( REVISED ONLINE ) #  
**Time : 3.30 P.M. To 04.30 P.M.**

Sr. No.	Name of Branch	Day	Monday	Wednesday	Friday	Monday	Wednesday
		Date	12-10-2020	14-10-2020	16-10-2020	19-10-2020	21-10-2020
1	Civil Engineering		Irrigation Engineering	Construction Economics & Finance	<b>Elective – III</b> 1. Advanced Geotechnical Engineering 2. Advanced Concrete Technology 3. Advanced Reinforced Cement Concrete Design 4. Advanced Steel Design 5. Water & Waste Water Treatment 6. Applied Remote Sensing & GIS	<b>Elective – II</b> 1. Advanced Structural Analysis 2. Pre-Stressed Concrete 3. Pavement Analysis & Design 4. Watershed Management 5. Environment Management System 6. Water Transmission & Distribution System 7. Geotechnical Investigation & Ground Improvement Techniques 8. Advanced Engineering Geology 9. Water Power Engineering 10. Forensic Civil Engineering 11. Disaster Response & Management Techniques	-----
2	Electronics Engineering		Microelectromechanical System & System on Chip	Computer Communication Network	CMOS VLSI Design	<b>Elective – II</b> 1. Wireless Sensor Network 2. Nanotechnology 3. Fuzzy Logic & Neural Networks 4. Satellite Communication	<b>Elective –III</b> 1. Artificial Intelligence 2. Robotics & Automation 3. Speech Processing 4. Data Compression & Encryption
3	Electrical Engineering ( Electronics & Power)		Switchgear & Protection	Computer Applications in Power System	<b>Elective –III</b> 1. Bio-Medical Engineering 2. Advanced Microprocessor Peripherals 3. power Semiconductor Based Electric Drives 4. Electrical Distribution System	<b>Elective –II</b> 1. Entrepreneurship Development 2. Digital Signal Processing 3. Power Quality 4. EHV AC & HVDC Transmission	-----
4	Elect. & Telecommunication / Elect. & Communication Engineering		Microwave & Radar Engineering	Computer Communication Network	Wireless & Mobile Communication	<b>Elective –II</b> 1. Wireless Sensor Network 2. Embedded System 3. Digital Image Processing 4. Artificial Intelligence	<b>Elective –III</b> 1. Random Signal Theory 2. Robotics & Automation 3. Satellite Communication 4. CMOS VLSI Design
5	Computer Science & Engineering		Distributed Operating System	Information & Cyber Security	<b>Elective –IV</b> 1. Advance Wireless Sensor Network	<b>Elective –III</b> 1. Pattern Recognition	-----

Sr. No.	Name of Branch	Day	Monday	Wednesday	Friday	Monday	Wednesday
		Date	12-10-2020	14-10-2020	16-10-2020	19-10-2020	21-10-2020
					2.Digital Image Processing 3.Natural Language Processing 4.Digital Forensic	2.Soft Computing Tech. 3.Optimization Techniques 4.Clustering & Cloud Computing	
6	Mechanical Engineering	Automation in Production	Industrial Management	Energy Conversion – III	<b>Elective –II</b> 1.Finite Element Method 2.Computer Integrated Manufacturing 3.Industrial fluid Power 4. Management Information Systems 5.Refrigeration & Air Conditioning 6. Stress Analysis	<b>Elective –III</b> 1.Advanced Manufacturing Techniques 2. Machine Tool Design 3. Renewable Energy Systems 4.Mechanical Vibrations 5. Advance I.C. Engine 6. Tribology	
7	Computer Technology	Data Warehousing & Mining	Cyber & Information Security	<b>Elective –IV</b> 1. Computational Geometry 2.Cloud Computing 3.Digital Forensic 4. Cognitive Science 5. Digital Image Processing	<b>Elective –III</b> 1.Pattern Recognition 2. Parallel Computing 3.Bio Informatics 4. Web Data Management 5. Human Computer Interface	-----	
8	Computer Engineering	UNIX & Shell Programming	Distributed Systems & Grid Computing	<b>Elective –IV</b> 1. Real Time Systems 2. Expert System Design 3. Multimedia System	<b>Elective –III</b> 1.Wireless Communication & Mobile Computing 2.Software Testing & Quality Assurance 3.Bio-Informatics & Cyber Security	-----	
9	Information Technology	Gaming Architecture & Programming	Distributed Systems	<b>Elective –IV</b> 1.Cyber Security 2.Cloud Computing 3.E- Commerce & Enterprise Resource Planning 4.Wireless Sensor Networks	<b>Elective –III</b> 1.Embedded Systems 2.Digital Image Processing 3.Pattern Recognition 4.Machine Learning	-----	
10	Power Engineering	Switchgear & Protection	Industrial Management	Power plant Erection & Commissioning	Power Plant Maintenance Practices	<b>Elective –I</b> 1.Renewable Energy Systems 2.Operations Research 3. Material Handling System	
11	Aeronautical Engineering	Air Transportation	Vibration & Aero elasticity	<b>Elective –I</b> 1.Theory of Elasticity 2.Optimization Techniques 3.Reliability Centered Maintenance 4.Aircraft Mechanism-Analysis & Synthesis	<b>Elective –II</b> 1.Finite Element Method 2.Airframe Maintenance & Repair 3.Aero-Engine Maintenance & Repair 4.Flight Dynamics	<b>Elective –III</b> 1.Experimental Stress Analysis 2.Fatigue & Fracture 3. Computational Fluid Dynamics	

pNAGPUR:  
Dated: 02/10/2020

Director, Board of Examinations & Evaluation  
Rashtrasant Tukadoji Maharaj Nagpur University