



Third Semester B.E. (C.B.S) WINTER 2023
(510 TO 521)

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

THIRD SEMESTER B. E. (CREDIT BASED SYSTEMS) EXAMINATION OF WINTER 2023

PROGRAMME: WRITTEN

Time: 02.00 P.M. To 05.00 P.M.

Sr. No.	Name of Branch	Day	Tuesday	Thursday	Saturday	Wednesday	Friday	Monday
		Date	19/12/2023	21/12/2023	23/12/2023	27/12/2023	29/12/2023	01/01/2024
1	Civil Engineering		Mathematics-III	Strength of Material.	Environmental Engineering-I	Engineering Geology	Concrete Technology	-----
2	Electronics Engineering		Applied Mathematics-III	Electrical Measurements & Instruments	Network Analysis & Synthesis	Electronic Devices & Circuits.	Object Oriented Programming & Data Structure.	----
3	Electrical Engineering (Electronics & Power)		Applied Mathematics-III	Electrical Measurements & Instrumentation	Network Analysis	Electronic Devices & Circuits.	Non Conventional Energy Sources	----
4	Electronics Telecommunication Engineering./ Electronics Communication Engineering		Mathematics-III	Electronic Measurements& Instrumentation	Network Analysis & Synthesis	Electronic Devices & Circuits.	Object Oriented Programming & Data Structure.	----
5	Computer Science & Engg. (New)		Applied Mathematics	Digital Circuits & Fundamentals of Microp.	Ethics in IT	Computer Architecture & Organization	Advance "C" & Programming Logic Design	----
6	Computer Technology		Applied Mathematics	Digital Electronics & Microp.	Social & Ethical Aspects of IT	Computer Architecture & Organization	Programming Logic Design in "C"	----
7	Computer Engineering		Applied Mathematics-III	Digital Electronics	Concepts in Computer Engineering	Programming Methodology & Data Structures	Introduction to Computer Network	----
08	Mechanical Engineering		Applied Mathematics-III	Fluid Mechanics	Engineering Metallurgy.	-----	Kinematics of Machine	Manufacturing Processes-I.
09	Information Technology		Applied Mathematics-III	Digital Electronic & Fundamentals of Microp.	Ethics in Information Technology	Data Commutation	Programming Logic & Design Using "C".	-----
10	Power Engineering (New)		Applied Mathematics-III	Fluid Mechanics	Engineering Metallurgy	Electronic Devices & Circuits.	Kinematics of Machine	Manufacturing Process
11	Aeronautical Engineering		Applied Mathematics-III	Aero Thermodynamics	Elements of Aeronautics	Fluid Mechanics & Machinery	Computer Programming.	----
12	FIRE ENGINEERING		Applied mathematics - III	Building Planning & Construction	Fluid Mechanics	Theory of Structure	Automobile Engineering	Machine Design

GENERAL INSTRUCTIONS FOR SEATING ARRANGEMENT

The name of the College Centre is already Printed on the Admission Card of each Candidate. However, it is notified for general information of the Candidates that: -

The seating arrangement for the Centre will be notified separately seven days prior to the Commencement of the written examination at the respective College / Centre, The Candidates concerned will also be able to get the necessary information from that chart of seating arrangement sent to the concerned College by University

Nagpur

Date: 06-11-2023

(Dr. Prafulla M. Sable)

Director

Board of Examination & Evaluation

Rashtrasant Tukadoji Maharaj University, Nagpur



B.E. Fifth Semester (CBS) WINTER 2023
(560 TO 571)

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
B. E. FIFTH SEMESTER (CREDIT BASED SYSTEMS) EXAMINATION OF WINTER 2023

PROGRAMME: WRITTEN

Time: 02.00 P.M. To 05.00 P.M.

Sr. No.	Name of Branch	Day	Wednesday	Friday	Tuesday	Thursday	Saturday	Tuesday
		Date	22/11/2023	24/11/2023	28/11/2023	30/11/2023	02/12/2023	05/12/2023
1	Civil Engineering		Structural Analysis-II	** Reinforced Cement Concrete (RCC) Structures	Fluid Mechanics –I	Geotechnical Engineering -II	Hydrology & Water Resources (HWR)	*****
2	Electronics Engineering		Switching Theory & Automata	Analog Circuits & Design	Communication Electronics	Industrial Economics & Entrepreneurship Development	Microprocessor & Microcontroller	*****
3	Electrical Engineering (Electronics & Power)		Electrical Power Syst-I	Utilization of Electric Energy	Electrical Machine Design	Electrical Machines -II	Microprocessor & Interfacing	*****
4	Elect. Telecommunication / Elect. Communication Engineering		Antenna & Wave Propagation	Analog Circuits & Design	Communication Electronics	Industrial Economics & Entrepreneurship Development	Microprocessor & Microcontroller	*****
5	Computer Science Engg.		Data Communication	Object Oriented Programming	Database Management System	Design & Analysis of Algorithms	Computer Graphics	*****
6	Computer Technology		Data Communication	Object Oriented Modeling	Database Management System	Design & Analysis of Algorithms	Operating System	*****
7	Computer Engineering		Theory of Computation	Computer Architecture Organization	TCP/IP and Internet	Industrial Economics & Entrepreneurship Development	Computer Graphics	*****
8	Mechanical Engineering		Mechanical Measurement & Metrology	Advanced Production Processes	Design of Machine Elements	Industrial Economics & Entrepreneurship Development	Heat Transfer	*****
9	Information Technology		System Programming	Design & Analysis of Algorithms	Software Engineering	Industrial Economics & Entrepreneurship Development	Computer Graphics	Java Programming
10	Power Engineering		TPS Layout, Common Auxiliaries & Safety	Control Systems Engineering	Design of Machine Elements	Mechanics of Materials	Heat Transfer	*****
11	Aeronautical Engineering		Aircraft Flight Mechanics	Aerodynamics-II	Aircraft Structure-II	Propulsion-I	Heat Transfer	*****
12	Fire Engineering		Fire Modeling	Fire Codes & Standards	Fire service hydraulics	Fire Protection-I	Urban planning	*****

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Nagpur

Date: 26-10-2023

(Dr. Prafulla M. Sable)

Director

Board of Examination & Evaluation

Rashtrasant Tukadoji Maharaj University, Nagpur



B.E Eighth Sem. (CBS). WINTER 2023
(228 TO 239)

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
B. E. EIGHTH SEMESTER (CREDIT BASED SYSTEMS) EXAMINATION OF WINTER 2023
PROGRAMME: WRITTEN
Time: 02.00 P.M. To 05.00 P.M.

Sr. No.	Name of Branch	Day	Tuesday	Thursday	Saturday	Wednesday	Friday
		Date	17-10-2023	19-10-2023	21-10-2023	25-10-2023	27-10-2023
1	Civil Engineering		Irrigation Engineering	-----	Construction Economics & Finance	Elective – II 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	Elective – III 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
2	Electronics Engineering		Microelectromechanical System & System on Chip	Computer Communication Network	CMOS VLSI Design	Elective – II 1. Wireless Sensor Network 2. Nanotechnology 3. Fuzzy Logic & Neural Networks 4. Satellite Communication	Elective –III 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	-----	Elective –II 1. Entrepreneurship Development 2. Digital Signal Processing 3. Power Quality 4. EHV AC & HVDC Transmission	Elective –III 1. Bio-Medical Engineering 2. Advanced Microprocessor Peripherals 3. power Semiconductor Based Electric Drives 4. Electrical Distribution System
4	Elect. & Telecommunication / Elect. & Communication Engineering		Microwave & Radar Engineering	Computer Communication Network	Wireless & Mobile Communication	Elective –II 1. Wireless Sensor Network 2. Embedded System 3. Digital Image Processing 4. Artificial Intelligence	Elective –III 1. Random Signal Theory 2. Robotics & Automation 3. Satellite Communication 4. CMOS VLSI Design
5	Computer Science & Engineering		Distributed Operating System	Information & Cyber Security	-----	Elective –III 1. Pattern Recognition 2. Soft Computing Tech. 3. Optimization Techniques 4. Clustering & Cloud Computing	Elective –IV 1. Advance Wireless Sensor Network 2. Digital Image Processing 3. Natural Language Processing 4. Digital Forensic

Sr. No.	Name of Branch	Day	Tuesday	Thursday	Saturday	Wednesday	Friday
		Date	17-10-2023	19-10-2023	21-10-2023	25-10-2023	27-10-2023
6	Mechanical Engineering	Automation in Production	Industrial Management	Energy Conversion – III	Elective –II 1.Finite Element Method 2.Computer Integrated Manufacturing 3.Industrial fluid Power 4. Management Information Systems 5.Refrigeration & Air Conditioning 6. Stress Analysis	Elective –III 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	-----	Elective –III 1.Pattern Recognition 2. Parallel Computing 3.Bio Informatics 4. Web Data Management 5. Human Computer Interface	Elective –IV 1. Computational Geometry 2.Cloud Computing 3.Digital Forensic 4. Cognitive Science 5. Digital Image Processing	
8	Computer Engineering	UNIX & Shell Programming	Distributed Systems & Grid Computing	-----	Elective –III 1.Wireless Communication & Mobile Computing 2.Software Testing & Quality Assurance 3.Bio-Informatics & Cyber Security	Elective –IV 1. Real Time Systems 2. Expert System Design 3. Multimedia System	
9	Information Technology	Gaming Architecture & Programming	Distributed Systems	-----	Elective –III 1.Embedded Systems 2.Digital Image Processing 3.Pattern Recognition 4.Machine Learning	Elective –IV 1.Cyber Security 2.Cloud Computing 3.E- Commerce & Enterprise Resource Planning 4.Wireless Sensor Networks	
10	Power Engineering	Switchgear & Protection	Industrial Management	Power plant Erection & Commissioning	Power Plant Maintenance Practices	Elective –I 1.Renewable Energy Systems 2.Operations Research 3. Material Handling System	
11	Aeronautical Engineering	Air Transportation	Vibration & Aero elasticity	Elective –I 1.Theory of Elasticity 2.Optimization Techniques 3.Reliability Centered Maintenance 4.Aircraft Mechanism-Analysis & Synthesis	Elective –II 1.Finite Element Method 2.Airframe Maintenance & Repair 3.Aero-Engine Maintenance & Repair 4.Flight Dynamics	Elective –III 1.Experimental Stress Analysis 2.Fatigue & Fracture 3. Computational Fluid Dynamics	

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Nagpur

Date: 10-09-2023

(Dr. Prafulla M. Sable)

Director

Board of Examination & Evaluation

Rashtrasant Tukadoji Maharaj University, Nagpur