



REVISED B.TECH. Seventh Sem. (CBCS) SUMMER 2024
RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
(187TO 198)
B. TECH. ALL BRANCH SEVENTH SEMESTER OF (CHOICE BASED CREDIT SYSTEM) EXAMINATION OF SUMMER 2024

PROGRAMME: WRITTEN
Time: 02.30 P.M. To 05.30 P.M.

Sr. No.	Name of Branch	Day	Tuesday	Thursday	Saturday	Saturday	Tuesday	Monday
		Date	02/04/2024	04/04/2024	06/04/2024	13/04/2024	16/04/2024	22/04/2024
1	Civil Engineering		Design of Steel Structure Time: 02.30 P.M. To 06.30 P.M.	Elective IV 1. Advanced RCC Design 2. Advanced Soil Engineering 3. Sustainable Resource management 4. Building Construction Practices 5. Design of Hydraulic Structure 6. Advanced Traffic engineering & management	Elective V 1. Advanced Steel Design 2. Advanced Foundation Engineering 3. Air Pollution & Solid Waste Management 4. Precast And Modular Construction Practices 5. Hydropower Engineering 6. Bridge Engineering	Open Elective-II 1.Civil Engineering Materials, Testing and Evaluation	Elective VI 1. Design of earthquake Resistant structure 2. Advanced Engineering Geology 3. Water and Wastewater Treatment 4. Forensic in Civil Engineering 5. Irrigation Management 6. Pavement analysis &Design	*****
2	Mechanical Engineering		Elective III 1.Mechatronics 2.Computer Aided Design 3.Advancements in Automobile Engg. 4.Computation Fluid Dynamics	Energy Conversion - III	----	Open Elective-II 1.Introduction to Electric Vehicles 2.Waste Management 3.Finance & Cost Management 4.Industrial Robotics 5.Introduction to Renewable Energy resources	Design of Transmission systems	
3	Electrical Engineering		Professional Elective – III 1. Advanced Power Electronic 2. HV Engineering 3. Energy Management & Audit	Professional Elective – IV 1. Digital Signal Processing & its Applications 2. Electrical Installation & Design 3. Flexible AC Transmission System	Professional Elective – V 1. Electrical Machine Design 2. Electric & Hybrid Vehicles 3. Introduction to Smart Grid	Open Elective-II 1. Power Plant Engineering 2. Fundamental of Control System 3. Testing & Maintenance of Electrical Equipment	----	---

Sr. No.	Name of Branch	Day	Tuesday	Thursday	Saturday	Saturday	Tuesday	Monday
		Date	02/04/2024	04/04/2024	06/04/2024	13/04/2024	16/04/2024	22/04/2024
4.	Electronics Telecommunication Engg/ Electronics Communication Engg/ Electronics Engineering		Program Elective-III 1. Audio and Video Engineering 2. Web Technologies 3. Wireless Mobile Communications 4. Robotics and Automation	Program Elective-IV 1. Mixed Signal Design 2. Data Science/ Cloud Computing 3. Microwave & Radar Engg. 4. PLA and Scada	Program Elective-V 1. Soft computing 2. Fundamentals of Machine Learning 3. Optical Communication 4. Biomedical Engineering	Open Elective II 1. Mechatronics 2. Bioengineering		
5	Computer Science & Engg.		Cryptography & Network Security	-----	Program Elective - IV 1. Deep Learning 2. Optimization Techniques 3. Gaming Architecture 4. Salesforce Technology	Open Elective - II 1. Python Programming 2. Java Programming 3. Basics of Database Management System	Program Elective - V 1. Natural Language Processing 2. Big Data Analytics 3. Mobile Computing	
6	Computer Technology		Cryptography & Network Security	-----	Elective - IV 1. Deep Learning 2. Optimization Techniques 3. Data Visualization	Open Elective - II 1. Python Programming 2. Java Programming 3. Data Structure	Elective - V 1. Parallel Computing 2. Multimedia Computing 3. Human Computer Interface	
7	Information Technology		Data Warehousing & Mining	-----	Program Elective - IV 1. Deep Learning 2. Cryptography & Network Security 3. Compiler Design 4. Salesforce	Open Elective - II 1. Python Programming 2. Java Programming 3. Data Base Management System	Program Elective - V 1. Natural Language Processing 2. Big Data Analytics 3. Mobile Computing	
8	Computer Engineering		Cryptography & Network Security	-----	Elective - IV 1. Deep Learning 2. Block chain Technology 3. Augment & Virtual Reality 4. Salesforce Technology	Open Elective - II 1. Joy of Computing using Python 2. Data Visualization 3. Data Base Management System	Elective - V 1. Natural Language Processing 2. Compiler Design 3. Introduction to software Testing	
09	Aeronautical Engineering		Air Transportation & Management	----	Elective - IV 1. Avionics - II 2. Computational fluid dynamics 3. Finite Element Method 4. Aircraft Maintenance and overhaul	Open Elective - II 1. Introduction to multi-disciplinary design optimization 2. Relativity, Cosmology, & the Early Universe 3. MATLAB for Engineering Application	Elective - III 1. Reliability Centered Maintenance 2. UAV Systems Design 3. Theory of Vibrations	

Sr. No.	Name of Branch	Day	Tuesday	Thursday	Saturday	Saturday	Tuesday	Monday
		Date	02/04/2024	04/04/2024	06/04/2024	13/04/2024	16/04/2024	22/04/2024
10	FIRE ENGINEERING	Fire & Arson Investigation	Fire Risk Assessment	Special Hazards	Elective - I 1.Nuclear Reactors and Safe 2.Chemical Process Safety 3.Occupational Health & Hygiene Management 4.Disaster Management		Open Elective - I 1.Robotics 2.Cyber Security 3.Internet of Thing 4.Artificial Intelligence	
11	Artificial Intelligence& Data Science	Modern Compiler Design	Digital Signal & Image Processing	Elective -III 1.Human Computer Interaction 2. Medical Image Analysis 3. Data Compression & Encryption Techniques 4.Micro-Electro Mechanical Systems 5. Reinforcement Learning 6. Information Retrieval	Open Elective - II 1. Soft Computing & Evolutionary AI 2. Big Data Analytics 3. Python Programming	--	--	
12	Artificial Intelligence	Modern Compiler Design	Digital Signal & Image Processing	Elective -III 1.Human Computer Interaction 2. Medical Image Analysis 3. Data Compression & Encryption Techniques 4.Micro-Electro Mechanical Systems	Open Elective - II 1. Soft Computing & Evolutionary AI 2. Big Data Analytics 3. Python Programming	--	--	

Note :- Clarification on open Elective : 1. Course offered under open elective by a program can't be opted by the students of the same program.

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: 19-03-2024

(Dr. Prafulla M. Sable)
Director
Board of Examination & Evaluation
Rashtrasant Tukadoji Maharaj University, Nagpur