



B.TECH. Sixth Semester (C.B.C.S.) WINTER 2024  
( 260 TO 279 )

**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**  
**B. TECH. SIXTH SEMESTER ALL BRANCH (CHOICE BASED CREDIT SYSTEMS) EXAMINATION OF WINTER 2024**  
**PROGRAMME: WRITTEN**  
**Time: 02.00 P.M. To 05.00 P.M.**

Sr. No.	Name of Branch	Day	Wednesday	Friday	Monday	Wednesday	Friday	Monday
		Date	16/10/2024	18/10/2024	21/10/2024	23/10/2024	25/10/2024	28/10/2024
1	Civil Engineering		Estimating & Costing	Construction Engineering & Management	Water Resource Engineering	<b>Elective-III</b> 1. Prestressed Concrete2. Soil Dynamics3. Environment Management 4. Repair Rehabilitation of Civil Engineering structures 5. Water transmission & Distri. System 6. Urban Transportatio n Planning	<b>Open Elective-I</b> 1. Environmental Engineering	--
2	Mechanical Engineering ( OLD)		Automation in Production	Energy Conversion-II	Dynamics of Machines	<b>Elective-I</b> 1.Mechanical Vibrations 2. Synthesis of Mechanism 3. Operation Research 4. Production Planning & Control 5. Convective Heat Transfer 6. Power Plant Engineering		<b>Elective-II</b> 1.Tribology2. Tool Design 3. Advanced Manufacturing Techniques4. CNC & Robotics5. Design of Heat Exchangers 6. Advanced I C Engines
3	Mechanical Engineering (NEW )		Automation in Production	Energy Conversion-II	Dynamics of Machines	<b>Elective-I</b> 1Tool Design 2.Renewable Energy sour 3.Operation Research 4. Production Planning & Control	<b>Open Elective-I</b> 1. Entrepreneurship Development 2. Automobile Engg. 3. Project Evaluation & Management 4. Operation Research Techniques 5 Industrial Sefety & Environment	<b>Elective-II</b> 1. Power plant engg. 2 Supply chain mang. 3. introduction intelligence 4.Advanced Manufacturing Techniques
3	Electrical Engineering		Engineering Economics & Management	Computer Applications in Power System	Switch gear & Protection	--	<b>Open Elective –I</b> 1.PLC&SCADA Systems2.Solar PV Systems3.Organizational behavior 4.Num.Maths.& Probability Usign m	<b>Professional Elective – II</b> 1.Advanced control System 2. Optimization Technique 3.Electric Drives & their Control
4. 5. 6.	Electronics Telecommunicatio Engg/ Electronics Communication Engg/ Electronics Engineering		Computer Communication Network	Internet of Things (IOT)	Wireless Sensor Network	<b>Program Elective-II</b> 1. Computer Architecture 2. Database Management Systems 3. Antennas & Wave Propagation 4. Control System Engineering	<b>Open Elective-I</b> 1. Consumer Electronics 2. Industrial Electronics	<b>Time: 02.00 P.M. To 04.00 P.M.</b> Effective Technical Communication
7	Computer Science & Engg.		Compiler Design	<b>Elective-II</b> 1.Machine Learning 2.Internet of Thing 3.Cluster & Cloud Computing	<b>Elective-III</b> 1.Data Science 2.Dist.Operating Systems 3.Human Comp. Interaction	--	<b>Open Elective – II</b> .Linux Fundamentals 2.Android Appli. Development 3. Block chain Technologies	Economics of IT industry
8	Computer Technology		Compiler Design	Data Warehousing and Mining	<b>Elective-II</b> 1.High Perform. Comp. Archite.2.Software Test.& Qua. Assu.3.Adv. Microprocessor & Inter facing	<b>Elective – III</b> 1.Embeddded System 2.Mobile Appli. & Develop.3.cloud computing	<b>Open Elective – I</b> 1.Digital Image Processing 2.Adv. Web Technologics 3.Multimedia & Animation	Economics of IT industry
9	FIRE ENGINEERING		Fixed Fire Fighting Installations	Paramedics	Fire Modelling	Fundamentals of Industrial Safety and Heath	Fire Codes and Standards	Fire and Life Safety Audit

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10	Information Technology		Data Base Management System	Artificial Intelligence & Machine Learning	<b>Elective-II</b> 1.Cluster & Grid Computing 2.Blockchain Technology 3.Adv.in Comp.Network	<b>Elective-III</b> 1. Cloud Computing 2.Internet of Things 3.Soft.Test.& Qua. Assurance	<b>Open Elective – I</b> 1.Data Science 2.Computer Animation	Economics of IT industry
11	Computer Engineering		Design & Analysis of Algorithms	<b>Elective-II</b> 1.Human Computer Interaction2.Internet of Things3.Soft Computing	<b>Elective-III</b> 1.Distributed Computing 2.Machine Learning 3.Data Warehousing & Mining	--	<b>Open Elective – I</b> 1.Digital Image Processing 2. Mobile Computing	TCP / IP
12	Aeronautical Engineering		Aircraft Design	Space Technology	--	<b>Elective – II</b> 1.Aircraft Mecha.Anaysis & Synthesis 2.Flight Dynamics 3.Principals of Combustion 4.Aero.Desl.of Comp. & Tur	<b>Open Elective – II</b> 1.Design of Machine Element 2.Finance and Accounting 3.Renewable Energy Sources 4.Industrial Safety & Envir.	<b>Time: 02.00 P.M. To 04.00 P.M.</b> Effective Technical Communication
13	Artificial Intelligence& Data Science		Computer Communication Network	Deep Learning	Digital System Design Using Verilog	<b>Elective-II</b> 1.Web&Soc.Media Analytics 2.Block Chain & Cyber Secur. 3. I.S. & Instrumentation 4.Robotics & Intelligent Syst.	<b>Open Elective – I</b> <b>1.corrent Trends &amp; Tech.</b> <b>2.Industry 4.0</b>	--
14	Artificial Intelligence		AI in Natural Language Processing	Deep Learning	Digital System Design Using Verilog	<b>Elective-II</b> 1.Web&Soc.Media Analytics 2.Block Chain & Cyber Secur. 3. I.S. & Instrumentation 4.Intelligent Transport Syst	<b>Open Elective – I</b> <b>1.corrent Trends &amp; Tech.</b> <b>2.Industry 4.0</b>	--
15	Industrial IOT		Mobile & Web Application Development	Digital Modeling & System Design	Big Data Analytics	<b>Elective- 2</b> <b>1.MEMS &amp; SOC 2. Instrumentation</b> <b>3. Robotics &amp; Intelligent Sys.</b> Block Chain & Cyber Secur.	<b>Open Elective – I</b> <b>1. Embedded &amp; Real Time System</b> <b>2. .Industry 4.0</b>	
16	Robotics Artificial Intelligence		Automation System Design	Deep Learning	Interned of Things & its Application	Elective- 2 1. Compiler Design 2. Block Chain & Cyber Secur.3 Robotics & Intelligent Syst.4. Robotic Process Automation	Open Elective – I 1. current Trend in image Processing & Pattern recognition 2.Mobile robotics	
17	Artificial Intelligence& Machine Learning		Language Processor	Introduction to Cryptography & Blockchain	Digital System Design Using	<b>Elective- 2</b> 1.Data Visualization 2. Intelligent Sen & Instrumen. 3. Human Computer Interface 4. Software Engg.	Open Elective – I 1. Bioinformation 2. Bioinspired Computing	
18	Computer Science & Engg. & Data Science		Data Science	Machine Learning	<b>Elective- 2</b> 1. Principal of Cloud Computing 2. Computer Vision 3. Design Pattern	<b>Elective- 3</b> 1. Advance Operating System 2. Advance Computer Network 3. Artificial Neural Network	Open Elective – I 1. Java Programming 2. Human Computer Interaction	

**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 INSTRUCTION S 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: 17-09-2024

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