



REVISED B.TECH. Sixth Semester (C.B.C.S.) SUMMER 2024
(746 TO 763)

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

B. TECH. SIXTH SEMESTER ALL BRANCH (CHOICE BASED CREDIT SYSTEMS) EXAMINATION OF SUMMER 2024

PROGRAMME: WRITTEN

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

Sr. No.	Name of Branch	Day Date	Tuesday 30/04/2024	Friday 03/05/2024	Monday 06/05/2024	Wednesday 08/05/2024	Friday 10/05/2024	Monday 13/05/2024
1	Civil Engineering		Estimating & Costing	Construction Engineering & Management	Water Resource Engineering	Elective-III 1. Prestressed Concrete2. Soil Dynamics3. Environment Management 4. Repair Rehabilitation of Civil Engineering structures 5. Water transmission & Distrib. System 6. Urban Transportation Planning	Open Elective-I 1. Environmental Engineering	--
2	Mechanical Engineering (NEW & OLD)		Automation in Production	Energy Conversion-II	Dynamics of Machines	Elective-I 1. Mechanical Vibrations 2. Synthesis of Mechanism 3. Operation Research 4. Production Planning & Control 5. Convective Heat Transfer 6. Power Plant Engineering 7. Tool Design 8. Renewable Energy source	Open Elective-I 1. Entrepreneurship 2. Automobile Engg. 3. Project Evaluation & Management 4. Operation Research Techniques 5. Industrial Safety & Environment	Elective-II 1. Tribology2. Tool Design 3. Advanced Manufacturing Techniques4. CNC & Robotics5. Design of Heat Exchangers 6. Advanced I.C. Engines 7. Power plant engg. 8. Supply chain management 9. Introduction to intelligence
3	Electrical Engineering		Engineering Economics & Management	Computer Applications in Power System	Switch gear & Protection	--	Open Elective - I 1. PLC & SCADA Systems 2. Solar PV Systems 3. Organizational behavior 4. Num. Maths. & Probability 5. Design m	Professional Elective - II 1. Advanced control System 2. Optimization Technique 3. Electric Drives & their Control
4. 5. 6.	Electronics Telecommunication Engg/ Electronics Communication Engg/ Electronics Engineering		Computer Communication Network	Internet of Things (IOT)	Wireless Sensor Network	Program Elective-II 1. Computer Architecture 2. Database Management Systems 3. Antennas & Wave Propagation 4. Control System Engineering	Open Elective-I 1. Consumer Electronics 2. Industrial Electronics	Time: 02.00 P.M. To 04.00 P.M. Effective Technical Communication
7	Computer Science & Engg.		Compiler Design	Elective-II1. Machine Learning 2. Internet of Things 3. Cluster & Cloud Computing	Elective-III 1. Data Science 2. Distributed Operating Systems 3. Human-Computer Interaction	--	Open Elective - II 1. Linux Fundamentals 2. Android Application Development 3. Blockchain Technologies	Economics of IT industry
8	Computer Technology		Compiler Design	Data Warehousing and Mining	Elective-II1. High Performance Comp. Architecture 2. Software Test & Quality Assurance 3. Advanced Microprocessors & Interfacing	Elective - III1. Embedded System 2. Mobile Application & Development 3. Cloud computing	Open Elective - I 1. Digital Image Processing 2. Advanced Web Technologies 3. Multimedia & Animation	Economics of IT industry
9	FIRE ENGINEERING		Fixed Fire Fighting Installations	Paramedics	Fire Modelling	Fundamentals of Industrial Safety and Health	Fire Codes and Standards	Fire and Life Safety Audit

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10	Information Technology		Data Base Management System	Artificial Intelligence & Machine Learning	Elective-II 1.Cluster & Grid Computing 2.Blockchain Technology 3.Adv.in Comp.Network	Elective-III 1. Cloud Computing 2.Internet of Things 3.Soft.Test.& Qua. Assurance	Open Elective - I 1.Data Science 2.Computer Animation	Economics of IT industry
11	Computer Engineering		Design & Analysis of Algorithms	Elective-II 1.Human Computer Interaction 2.Internet of Things 3.Soft Computing	Elective-III 1.Distributed Computing 2.Machine Learning 3.Data Warehousing & Mining	--	Open Elective - I 1.Digital Image Processing 2. Mobile Computing	TCP / IP
12	Aeronautical Engineering		Aircraft Design	Space Technology	--	Elective - II 1.Aircraft Mecha.Anaysis & Synthesis 2.Flight Dynamics 3.Principals of Combustion 4.Aero.Desi.of Comp. & Tur	Open Elective - II 1.Design of Machine Element 2.Finance and Accounting 3.Renewable Energy Sources 4.Industrial Safety & Envir.	Time: 02.30 P.M. To 04.30 P.M. Effective Technical Communication
13	Artificial Intelligence & Data Science		Computer Communication Network	Deep Learning	Digital System Design Using Verilog	Elective-II 1.Web&Soc.Media Analytics 2.Block Chain & Cyber Secur. 3. I.S. & Instrumentation 4.Robotics & Intelligent Syst.	Open Elective - I 1.corrent Trends & Tech. 2.Industry 4.0	--
14	Artificial Intelligence		AI in Natural Language Processing	Deep Learning	Digital System Design Using Verilog	Elective-II 1.Web&Soc.Media Analytics 2.Block Chain & Cyber Secur. 3. I.S. & Instrumentation 4.Intelligent Transport Syst	Open Elective - I 1.corrent Trends & Tech. 2.Industry 4.0	--
15	Industrial IOT		Mobile & Web Application Development	Digital Modeling & System Design	Big Data Analytics	Elective- 2 1.MEMS & SOC 2. Instrumentation 3. Robotics & Intelligent Sys.	Open Elective - I 1. Embedded & Real Time System 2. .Industry 4.0	
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 Automaton	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	Elective- 2 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	Elective- 2 1. Principal of Cloud Computing 2. Computer Vision 3. Design Pattern	Elective- 3 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 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: 08-04-2024

(Dr. Prafulla M. Sable)
Director
Board of Examination & Evaluation