



FIFTH Semester B.TECH.(C.B.C.S.) SUMMER 2023 ( 546 TO 558)

# RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

FIFTH SEMESTER B. TECH. ALL BRANCH (CHOICE BASED CREDIT SYSTEMS) EXAMINATION OF SUMMER 2023

# PROGRAMME( WRITTEN ) #

Time : 2.30 P.M. To 05.30 P.M.

Sr. No.	Name of Branch	Day						
		Date	Saturday	Tuesday	Thursday	Saturday	Tuesday	Friday
			17/06/2023	20/06/2023	22/06/2023	24/06/2023	27/06/2023	30/06/2023
1	Civil Engineering		Hydraulic Engineering	Reinforced Cement Concrete ( RCC ) designs	Civil Engineering Materials, Testing & Evaluation	Professional Practice, Law & Ethics	<u>Elective-I</u> 1.Advanced Structural Analysis 2.Geo synthetics Engineering 3. Geo environmental Engg. 4. Advanced Building Materials 5. Groundwater Hydrology 6. Advanced Surveying	<u>Elective-II</u> 1. Advanced Concrete Structures 2. Earth Retaining Structures 3.Climate change and its mitigation 4. Advanced Concrete Technology 5. Flood Control and Crainage 6. Railway Engineering
2	Electrical Engineering		Microprocessor & Microcontroller	Control systems	Power electronics	Advanced Electrical Power System	<u>Professional elective-I</u> 1. Electrical Machine I II 2. Power Station Practice 3. Electrical Power Utilization	----
3	Electronics Telecommunication Engg/ Electronics Communication Engg/ Electronics Engineering		Embedded System Design	Electromagnetic Waves	Digital Signal Processing	HSC: IEED(Economics)	PEC-I (Program Elective-I) Operating Systems 2. Information Theory and Error Correcting Codes 3. Electronic Design Techniques With HDL 4. Sensors and Systems	----
4	Computer Science & Engg.		Artificial Intelligence	Design & Analysis of Algorithms	Software Engineering & Project Management	Elective-I 1. TCP/IP 2. Design Patterns 3. Data Warehousing & Mining	Effective Technical Communication	-----
5	Computer Technology		Design and Analysis of Algorithms	Database Management System	Software Engineering and Project Management	Artificial Intelligence	Effective Technical Communication	Elective-I 1.TCP/IP 2.Computer Graphics 3.System Software & Device Driver
6	Computer Engineering		Database Management System	Computer Graphics	Java Programming	<u>Elective-I</u> 1. Microcontrollers & Applications, 2. Artificial Intelligence, 3. Software Engg.	**Humanities-II Effective Technical Communication	-----

Sr. No.	Name of Branch	Day		Tuesday	Thursday	Saturday	Tuesday	Friday
		Date	Saturday	20/06/2023	22/06/2023	24/06/2023	27/06/2023	30/06/2023
07	Mechanical Engineering		Heat Transfer	Energy Conversion I	Design of Machine Elements	Industrial Economics and Management	<u>Open Elective I I</u> 1. Organizational Entrepreneurship Behaviour & Development 2. Automobile Engineering 3. Project Evaluation & Management	
08	Information Technology		Software Engineering & Project Management	Design and Analysis of Algorithms	Java Programming	Elective- I 1. Graming Architecture & Programming 2. High Performance Computer Architecture 3. Human Computer Interface	Effective Technical Communication	Theory of Computation
09	Aeronautical Engineering		Propulsion- II	Aircraft System & Instrumentation	Aircraft Structure- II	<u>Elective-I</u> 1. Heat and Mass Transfer 2. Smart materials and Introduction to composites 3. Airworthiness and Certification 4. Introduction to Helicopter Dynamics	<u>Open Elective-I</u> 1. Intellectual property rights 2. Gender Sensitization 3. Organizational Behavior& Entrepreneurship Devol. 4. Industrial Economics and Management	
10	FIRE ENGINEERING		Fire Dynamics	Automobile Engineering	Instrumentation and Control	Fire Protection	Fundamentals of Management	Fire Laws
11	Artificial Intelligence& Data Science		Data Mining	Design and Analysis of Algorithms	Machine Learning Techniques	Internet of Things and its Application	Elective- I 1. NoSQL 2. Information Security 3. Wireless Communication Technologies 4. ARM Processor & its Essentials	Effective Technical Communication
12	Artificial Intelligence		Computer Communication Network	Design and Analysis of Algorithms	Machine Learning Techniques	Internet of Things and Robotics	Elective- I 1. NoSQL 2. Information Security 3. Wireless Communication Technologies 4. ARM Processor & its Essentials	

#### 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: 06-05-2023

(Dr. Prafulla M. Sable)

Director

Board of Examination & Evaluation

Rashtrasant Tukadoji Maharaj University, Nagpur