RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

FIFTH SEMESTER B. TECH. ALL BRANCH (CHOICE BASED CREDIT SYSTEMS) EXAMINATION OF WINTER 2023
PROGRAMME(WRITTEN)
Time : 2.00 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**		Hydraulic Engineering	Reinforced Cement Concrete (RCC) designs **Time: 02.00 P.M. To 06.00 P.M.**	Civil Engineering Materials, Testing & Evaluation	Professional Practice, Law & Ethics	Elective-I *1.Advanced Structural Analysis ***Time: 02.00 P.M. To 06.00 P.M.** 2.Geo synthetics Engineering 3. Geo environmental Engg. 4. Advanced Building Materials 5. Groundwater Hydrology 6. Advanced Surveying	Elective-II 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	Professional elective-I 1.Electrical Machine ▌ 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	Elective-I 1. Microcontrollers & Applications, 2. Artificial Intelligence, 3. Software Engg.	**Humanities-II Effective Technical Communication	---------

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07	Mechanical Engineering (NEW)		Heat Transfer	Energy Conversion I	Design of Machine Elements	Industrial Economics and Management	---	Mechanical Measurement & Metrology
08	Mechanical Engineering (OLD)		Heat Transfer	Energy Conversion I	Design of Machine Elements	Industrial Economics and Management	Open Elective-I 1.Organizational Enterpreneurship Behaviour & Development 2.Automobile Engineering 3. Project Evaluation & Management	----
09	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	Theory of Computation	Effective Technical Communication **Time: 02.00 P.M. To 04.00 P.M.**
10	Aeronautical Engineering (NEW)		Propulsion- II	Aircraft System & Instrumentation	Aircraft Structure- II	Elective-I 1. Heat and Mass Transfer 2. Smart materials and Introduction to composites 3. Airworthiness and Certification 4. Introduction to Helicopter Dynamics	--	Industrial Economics and Management
11	Aeronautical Engineering (OLD)		Propulsion- II	Aircraft System & Instrumentation	Aircraft Structure- II	Elective-I 1. Heat and Mass Transfer 2. Smart materials and Introduction to composites 3. Airworthiness and Certification 4. Introduction to Helicopter Dynamics	Open Elective-I 1. Intellectual property rights 2. Gender Sensitization 3. Organizational Behavior& Entrepreneurship Devol. 4. Industrial Economics and Management	--
12	FIRE ENGINEERING		Fire Dynamics	Automobile Engineering	Instrumentation and Control	Fire Protection	Fundamentals of Management	Fire Laws
13	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 **Time: 02.00 P.M. To 04.00 P.M.**
14	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	

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17	**Computer Science & Engg. (Data Science)**		Software Engg. Project Management	Artificial Intelligence	Language Processor	--	Elective- I 1. Soft Computing 2. Digital image Processing 3. Health Informatics	Effective Technical Commutation **Time: 02.00 P.M. To 04.00 P.M.**
18	**Industrial IOT**		IOT Architecture & Protocols	Machine Learning	Cloud Computing	Signal processing	Elective- I 1. Web & social Anaytics 2. Data Visualisation 3. Wireless Communication Tech. 4. ARM Processor &its Essentials	Effective Technical Commutation **Time: 02.00 P.M. To 04.00 P.M.**
15	**Robotics and Artificial Intelligence**		Robot Dynamics	Machine learning Algorithms	Robotic Drive System	Design & Analysis of Algorithms	Elective I I 1. Field & Service Robotics 2.Theory of Computation 3. Wireless Communication Tech. 4. . Drone & Automation System	Effective Technical Commutation **Time: 02.00 P.M. To 04.00 P.M.**
16	**Artificial Intelligence & Machine Learning**		Computer Communication network	Data Analytics & Machine Learning	Design & Analysis of Algorithms	Internet of things & Cloud Computing	Elective-I 1. ARM Processors & its Essentials 2. Distributed Computing 3. Robotics Web & Scocial Media Analytics	

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 concer*n*ed College by University

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Nagpur
Date: 26-10-2023

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