RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

FIFTH SEMESTER B. TECH. ALL BRANCH (CHOICE BASED CREDIT SYSTEMS) EXAMINATION OF WINTER 2024
PROGRAMME(WRITTEN)
Time : 9.30 A.M. To 12.30 P.M.

Sr. No.	Name of Branch	Day	Wednesday	Friday	Tuesday	Thursday	Saturday	Thursday
		Date	27/11/2024	29/11/2024	03/12/2024	05/12/2024	07/12/2024	10/12/2024
1	Civil Engineering		Hydraulic Engineering	Reinforced Cement Concrete (RCC) designs **Time: 09.30 A.M. To 01.30 P.M.**	Civil Engineering Materials, Testing & Evaluation	Professional Practice, Law & Ethics	Elective-I 1.Advanced Structural Analysis 2.Geo synthetics Engineering 3. Geo environmental Engg. 4. Advanced Building Materials 5. Groundwater Hydrology 6. Advanced Surveying	Elective-II 1. Advanced Concrete Structures ******** Time: 09.30 A.M. To 01.30 P.M.** 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 **Time: 09.30 A.M. To 11.30 A.M.**
5	Computer Technology		Design and Analysis of Algorithms	Database Management System	Software Engineering and Project Management	Artificial Intelligence	Elective-I 1.TCP/IP 2.Computer Graphics 3.System Software & Device Driver	Effective Technical Communication **Time: 09.30 A.M. To 11.30 A.M..**
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 **Time: 09.30 A.M. To 11.30 A.M..**

Sr. No.	Name of Branch	Day	Wednesday	Friday	Tuesday	Thursday	Saturday	Thursday
		Date	27/11/2024	29/11/2024	03/12/2024	05/12/2024	07/12/2024	10/12/2024
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: Time: 09.30 A.M. To 11.30 A.M.
10	Aeronautical Engineering (NEW)		Propulsion- II	Aircraft System & Instrumentation	Aircraft Structure- II	Industrial Economics and Management	--	Elective-I 1. Heat and Mass Transfer 2. Smart materials and Introduction to composites 3. Airworthiness and Certification 4. Introduction to Helicopter Dynamics
11	Aeronautical Engineering (OLD)		Propulsion- II	Aircraft System & Instrumentation	Aircraft Structure- II	---------------------	Open Elective-I 1. Intellectual property rights 2. Gender Sensitization 3. Organizational Behavior& Entrepreneurship Devol. 4. Industrial Economics and Management	Elective-I 1. Heat and Mass Transfer 2. Smart materials and Introduction to composites 3. Airworthiness and Certification 4. Introduction to Helicopter Dynamics
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: 09.30 A.M. To 11.30 A.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	

Sr. No.	Name of Branch	Day	Wednesday	Friday	Tuesday	Thursday	Saturday	Thursday
		Date	27/11/2024	29/11/2024	03/12/2024	05/12/2024	07/12/2024	10/12/2024
15	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: 09.30 A.M. To 11.30 A.M.**
16	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: 09.30 A.M. To 11.30 A.M.**
17	Robotics and Artificial Intelligence		Robot Dynamics	Machine learning Algorithms	Robotic Drive System	Design & Analysis of Algorithms	Elective - I 1. Field & Service Robotics 2.Theory of Computation 3. Wireless Communication Tech. 4. . Drone & Automation System	Effective Technical Commutation **Time: 09.30 A.M. To 11.30 A.M.**
18	Artificial Intelligence & Machine Learning		Computer Communication network	Design & Analysis of Algorithms	Data Analytics & Machine Learning	Internet of things & Cloud Computing	Elective-I 1. ARM Processors & its Essentials 2. Distributed Computing 3. Robotics 4.Web & Scocial Media Analytics	Effective Technical Commutation **Time: 09.30 A.M. To 11.30 A.M.**
19	Computer Science & Engg. (Artificial Intelligence & Machine Learning)		Software Engineering & Project Management	Machine Learning	Design & Analysis of Algorithms		Elective-I 1.TCP/IP 2.Design Patterns 3.Data warehousing MINING	Effective Technical Commutation **Time: 09.30 A.M. To 11.30 A.M.**

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: 06-11-2024

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