



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY
SEVENTH SEMESTER B. E. (CREDIT BASED SYSTEMS) EXAMINATION OF SUMMER 2020

Seventh Sem. (CBS) B.E. SUMMER 2020
(358 TO 369)

PROGRAMME(WRITTEN)

Time : 9.30 A.M. To 12.30 P.M.

Sr. No.	Name of Branch	Day	Saturday	Wednesday	Saturday	Wednesday	Friday	Monday
		Date	04/04/2020	08/04/2020	11/04/2020	15/04/2020	17/04/2020	20/04/2020
1	Civil Engineering	** Advanced Concrete Structures	** Estimating and Costing	Construction Management and Law	Transportation Engineering - II	Elective-I 1. Earthquake Resistant Structure 2. Advanced Traffic Engineering 3. Air Pollution & Solid Waste Management. 4. Advanced Hydraulics 5. Sustainable Resource Management in Civil Engineering 6. Building Services 6. Advance Construction Materials		
2	Electronics Engineering	DSP Processor & Architecture	Embedded System	Optical Communication	Advanced Digital System Design	Elective-I 1.Digital Image Processing 2.Mobile Communication 3.Biomedical Instrumentation 4.Random Signal Theory		
3	Electrical Engineering (Electronics & Power)	Control System – II	Electrical Power System - II	High Voltage Engineering	Electrical Installation Design	Elective-I 1.IT and ITS Applications in Power System Control 2. Fuzzy Logic and Neural Networks 3. Flexible AC Transmission Systems 4. Energy Management and Audit		
4	Elect. & Telecommunication / Elect. & Communication Engineering	DSP Processor & Architecture	Television & Video Engineering	Optical Communication	Advanced Digital System Design	Elective-I 1. Fuzzy Logic and Neural Networks 2. Microelectro mechanical Systems & System on chip 3. Data Compression & Encryption 4. VLSI Signal Processing		
5	Computer Science & Engineering	Data Warehousing & Mining	Language Processor	*****	Elective-I 1. TCP & IP, 2. Advanced Computer Architecture, 3. Big Data Analysis & Business Intelligence 4. Parallel & Network Algorithm.	Elective-II 1. Computational Geometry 2. Mobile Computing 3. Real Time Operating System 4. Software Architecture 5. Mainframe Technologies.		

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		Date	04/04/2020	08/04/2020	11/04/2020	15/04/2020	17/04/2020	20/04/2020
6	Computer Technology	Compilers	*****	Artificial Intelligence	Elective-II 1.Natural Language Processing 2.Advance Operation System 3.Architecture of Web Application 4.Wireless Sensor Networks	Elective-I 1.Computational Intelligence 2.Advance Database Systems 3.Software Architecture 4.Digital Signal Processing		
7	Computer Engineering	Elective-I 1.Soft Computing 2.Compiler Construction 3.Data Warehousing & Mining	Advanced Microprocessors & Microcontrollers	Information Assurance & Network Security	Operating System	Elective-II 1.Digital Signal & Image Processing 2.Web Technologies 3.Enterprise Resource Planning		
8	Mechanical Engineering	Industrial Engineering	Computer Aided Design	Energy Conversion - II	Design of Mechanical Drives	Elective-I 1. Industrial Robotics 2. Tool Design 3. Automobile Engineering 4. Power Plant Engineering 5. Synthesis of Mechanisms 6. Material Handling System		
9	Information Technology	Data Warehousing & Mining	Computer System Security	Artificial Intelligence	Elective-I 1.Mobile Computing 2.Multimedia Systems 3.Bio-Informatics 4.Compiler Design	Elective-II 1.Software Testing & Quality Assurance 2.Cluster & Grid Computing 3.Digital Signal Processing 4.Digital Forensic for Info. Tech.		
10	Power Engineering	Steam Turbine & its auxiliaries	Turbo Generator & its auxiliaries	Energy Conversion-II	Design of Mechanical Drives	Power Plant Operation & Performance		
11	Aeronautical Engineering	Aircraft System & Instrumentation	Design of Machine Elements	Space Flight Mechanics	Control Engineering	Aircraft General Engineering & Maintenance Practices		
12	Fire Engineering	Engineering Economics	Fire & Arson Investigation	Piping Design	Elective-II 1.Robotics and Robot Application 2.Fire dynamics in Forest Fire 3.Fire Retardants 4.Design of pressure vessel for Fire protection	Design and installation of detection & fire fighting system-II	Fire Risk Calculations	

**** Note : Timing of these papers only will be 9.30 A.M. to 1.30 P.M.**

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.