



**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**  
**SEVENTH SEMESTER B. E. (CREDIT BASED SYSTEMS) EXAMINATION OF SUMMER 2018**

Seventh Sem. (CBS)B.E. SUMMER 2018  
**(459 to 469)**

# PROGRAMME( WRITTEN ) #  
**Time : 2.30 P.M. To 5.30 P.M.**

| Sr. No. | Name of Branch  | Day  | Wednesday                       | Friday                         | Monday                          | Wednesday   | Friday  |
|---------|---|------|---------------------------------|--------------------------------|---------------------------------|---|---|
|         |   | Date | 04/04/2018                      | 06/04/2018                     | 09/04/2018                      | 11/04/2018  | 13/04/2018  |
| 1       | Civil Engineering   |      | ** Advanced Concrete Structures | ** Estimating and Costing      | Construction Management and Law | Transportation Engineering - II   | <b>Elective-I</b><br>1. Earthquake Resistant Structure<br>2. Advanced Traffic Engineering<br>3. Air Pollution & Solid Waste Management.<br>4. Advanced Hydraulics<br>5. Sustainable Resource Management in Civil Engineering<br>6. Building Services<br>6. Advance Construction Materials |
| 2       | Electronics Engineering   |      | DSP Processor & Architecture    | Embedded System                | Optical Communication           | Advanced Digital System Design  | <b>Elective-I</b><br>1.Digital Image Processing<br>2.Mobile Communication<br>3.Biomedical Instrumentation<br>4.Random Signal Theory   |
| 3       | Electrical Engineering ( Electronics & Power)                   |      | Control System –II              | Electrical Power System - II   | High Voltage Engineering        | Electrical Installation Design  | <b>Elective-I</b><br>1.IT and ITS Applications in Power System Control<br>2. Fuzzy Logic and Neural Networks<br>3. Flexible AC Transmission Systems<br>4. Energy Management and Audit   |
| 4       | Elect. & Telecommunication / Elect. & Communication Engineering |      | DSP Processor & Architecture    | Television & Video Engineering | Optical Communication           | Advanced Digital System Design  | <b>Elective-I</b><br>1. Fuzzy Logic and Neural Networks<br>2.Microelectro mechanical Systems & System on chip<br>3. Data Compression & Encryption<br>4.VLSI Signal Processing   |
| 5       | Computer Science & Engineering                                  |      | Data Warehousing & Mining       | Language Processor             | *****                           | <b>Elective-I</b><br>1.TCP & IP,<br>2.Advanced Computer Architecture,<br>3.Big Data Analysis & Business Intelligence<br>4.Parallel & Network Algorithm. | <b>Elective-II</b><br>1.Computational Geometry<br>2.Mobile Computing<br>3.Real Time Operating System<br>4.Software Architecture<br>5.Mainframe Technologies.  |

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|---------|--------------------------|---|---|--|--|---|------------|
|         |                          | Date  | 04/04/2018                                  | 06/04/2018                               | 09/04/2018   | 11/04/2018  | 13/04/2018 |
| 6       | Computer Technology      | Compilers   | *****                                       | Artificial Intelligence                  | <b>Elective-II</b><br>1.Natural Language Processing<br>2.Advance Operation System<br>3.Architecture of Web Application<br>4.Wireless Sensor Networks | <b>Elective-I</b><br>1.Computational Intelligence<br>2.Advance Database Systems<br>3.Software Architecture<br>4.Digital Signal Processing   |            |
| 7       | Computer Engineering     | <b>Elective-I</b><br>1.Soft Computing<br>2.Compiler Construction<br>3.Data Warehousing & Mining | Advanced Microprocessors & Microcontrollers | Information Assurance & Network Security | Operating System   | <b>Elective-II</b><br>1.Digital Signal & Image Processing<br>2.Web Technologies<br>3.Enterprise Resource Planning   |            |
| 8       | Mechanical Engineering   | Industrial Engineering  | Computer Aided Design                       | Energy Conversion - II                   | Design of Mechanical Drives  | <b>Elective-I</b><br>1. Industrial Robotics<br>2. Tool Design<br>3. Automobile Engineering<br>4. Power Plant Engineering<br>5. Synthesis of Mechanisms<br>6. Material Handling System |            |
| 9       | Information Technology   | Data Warehousing & Mining   | Computer System Security                    | Artificial Intelligence                  | <b>Elective-I</b><br>1.Mobile Computing<br>2.Multimedia Systems<br>3.Bio-Informatics<br>4.Compiler Design  | <b>Elective-II</b><br>1.Software Testing & Quality Assurance<br>2.Cluster & Grid Computing<br>3.Digital Signal Processing<br>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  |            |

**\*\* Note : Timing of these papers only will be 2.30 P.M. to 6.30 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.

NAGPUR:  
Dated: 28/12/2017

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