



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

SEVENTH SEMESTER B. E. EXAMINATION OF SUMMER 2015

PROGRAMME(WRITTEN)

Seventh Sem. B.E. Summer 2015

(309 to 324)

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

Sr. No.	Name of Branch	Day Date	Tuesday 28-04-2015	Thursday 30-04-2015	Wednesday 06-05-2015	Wednesday 13-05-2015	Tuesday 19-05-2015	Friday 22-05-2015
1	Civil Engineering	**	Advanced Concrete Structures	Irrigation Engg.	Maintenance & Rehabilitation of Civil Engg. Structure	Elective-I	** Structure Analysis-III	-----
2	Electronics Engineering		Electronic System Design	UHF & Microwave.	Digital Signal Processing	Digital Communication	Elective-I 1. CMOS VLSI -Design	Elective – I 1. Switching Theory 2. Fuzzy Logic & Neural Network
3	Electronics Design Technology.		Advanced Microprocessor & Microcontrollers	Industrial Design of Electronic Equipments	Digital Signal Processing	Elective-I 1. Digital Communication 2. Optical Communication	CMOS VLSI -Design	Elective – I 1. Switching Theory 2. Fuzzy Logic & Neural Network
4	Instrumentation Engineering		Microprocessor & Microcontroller Based Design.	** Control System Design	Elective-I	Process Control	Chemical & Analytical Instrumentation.	-----
5	Electronics & Telecommunication / Communication Engineering		Advanced Microprocessor & Microcontrollers	Television Engineering	Digital Signal Processing	Digital Communication	Elective-I	-----
6	Electrical Engineering (Elect & Power)		Electrical Power-II	Control System-II	High Voltage Engineering	Power Electronic	Elective-I	-----
7	Computer Technology		Operating System	Database Management System	Computer Networks	Elective-II	Elective-I	-----
8	Computer Engineering		Operating System	Visual Techniques	Internet & Java Programming	Artificial Neural Network Fuzzy Logic.	Principles of Compiler Design	-----
9	Mechanical Engineering		Production Technology-II	Energy Conversion-II	Machine Design-III	Elective-II	Elective-I	-----
10	Production Engineering		Quality Engineering	Automation	Computer Aided Design & System Analysis	Operation Research Techniques	Elective-I	-----

11	Industrial Engineering	Quality Management	Industrial Automation	Ergonomics & Value Engineering	Human Resource Management	Relational Database Management System	-----
12	Information Technology	Computer Networks & Internet	Computer System Security	Digital Signal Processing	Elective-II	Elective-I	-----
13	Mining Engineering	Ground Control in Mines	Mine Environment-III	Computer Application in Mining	Mineral Economics	Elective-I	Mine System Engineering
14	Power Engineering	System Turbines & ITS AUX	Energy Conversion-II	Thermal Power Plant Commissioning	Turbo Generator & ITS AUX	Machine Design-II	-----
15	Computer Science Engineering	Language Processor	TCP / IP & Internet	Elective-I	Elective-II	-----	-----
16	Aeronautical Engineering	Aircraft Systems & Instrumentation	Design of Machine Elements	Space Flight Mechanics	Control Engineering	Aircraft General Engg.& Maintenance Practices	-----

**** 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.

NAGPUR:

Dated: 15th January 2015

Controller of Examinations
Rashtrasant Tukadoji Maharaj Nagpur University

P. T. O. (List of Electives)

List of Seventh Semester B. E. Electives.

Sr. No.	Name of Branch	Elective-I	Elective-II
1.	Civil Engineering	<ol style="list-style-type: none"> 1. Object Oriented Programming in C++ 2. Traffic Engineering 3. Advanced Hydraulics 4. Soil Dynamics 5. Air Pollution & Solid Waste Management. 6. Advance RCC Design 	*****
2.	Electronics Engineering	<ol style="list-style-type: none"> 1. CMOS VLSI Design 2. Switching Theory 3. Fuzzy Logic & Neural Network 	*****
3.	Electronics Design Technology.	<ol style="list-style-type: none"> 1. Digital Communication 2. Optical Communication 3. Switching Theory 4. Fuzzy Logic & Neural Network 	*****
4.	Instrumentation Engineering	<ol style="list-style-type: none"> 1. Biomedical Instrumentation 2. Digital Signal Processing 3. Environmental Instrumentation 	*****
5.	Electronics & Telecommunication/ Communication Engineering	<ol style="list-style-type: none"> 1. Digital System Design 2. Radar Engineering 3. Satellite Communication 	*****
6.	Electrical Engineering (Elect & Power)	<ol style="list-style-type: none"> 1. Non-Conv. Energy Sources 2. IT & Its Appl. In P. S. Control 3. Fuzzy Logic & Neural Network 4. Flex. A. C. Transmission Systems. 5. E. I. D. 	*****
7.	Computer Technology	<ol style="list-style-type: none"> 1. Advanced Computer Architecture 2. Embedded Systems 3. Digital Signal Processing 	<ol style="list-style-type: none"> 1. Artificial Intelligence 2. Neural Networks & Fuzzy Logic 3. Digital Image Processing
8.	Mechanical	<ol style="list-style-type: none"> 1. Industrial Robotics 2. Tool Design 	<ol style="list-style-type: none"> 1. Finit Element Method 2. Computer Integrated Manufacturing

	Engineering	<ol style="list-style-type: none"> 3. Synthesis of Mechanism 4. Automobile Engineering 5. Power Plant Engineering 6. Project Evaluation & Management 7. Material Handling System 8. Advance I.C. Engines. 	<ol style="list-style-type: none"> 3. Industrial Fluid Power 4. Management Information System 5. Computer Aided Engineering 6. Refrigeration & Air Conditioning 7. Stress Analysis
9.	Production Engineering	<ol style="list-style-type: none"> 1. Entrepreneurship Development 2. Enterprise Resource Management 3. Technology Management 4. Science, Technology & Society 5. Knowledge Management 6. Human Values. 	****
10	Information Technology	<ol style="list-style-type: none"> 1. Operation Research 2. Artificial Intelligence. 3. VLSI Design 	<ol style="list-style-type: none"> 1. Fuzzy System & Neural Networks 2. Multimedia Systems. 3. Digital Image Processing. 4. CAD/ CAM 5. Management Information System.
11	Mining Engineering	<ol style="list-style-type: none"> 1. Rock Excavation Engineering. 2. Geostatistics 3. Advanced Mine Surveying 	*****
12	Computer Science Engg.(New)	<ol style="list-style-type: none"> 1. Digital Signal Processing 2. Computer Graphics 3. Real Time Operating System 4. Fundamentals of Multimedia 	<ol style="list-style-type: none"> 1. Advanced Computer Architecture 2. Artificial Intelligence 3. Enterprise Resource Planning 4. Operating System Design