



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

EIGHTH SEMESTER B. E. EXAMINATION OF SUMMER 2015

PROGRAMME(WRITTEN)

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

Eighth Sem. B. E Summer 2015

(624 to 639)

Sr. No.	Name of Branch	Day	Saturday	Tuesday	Friday	Monday	Thursday	Monday
		Date	09-05-2015	12-05-2015	15-05-2015	18-05-2015	21-05-2015	25-05-2015
1	Civil Engineering	** Estimating & Costing	Transportation Engineering-II	Elective-II	****	****	Elective-III	
2	Electronics Engineering	Digital System Design	Advanced Microprocessor and Microcontrollers	Computer Communication Network	Elective-II Mobile Communication	Elective-II 1. Satellite Communication 2. Digital Image Processing 3. Embedded System	Optical Communication	
3	Electronics Design Technology.	Digital System Design	Electronic System Design	Computer Communication Network	Elective-II Mobile Communication	Elective-II 1. Digital Image Processing 2. Embedded System 3. Robotics	Reliability of Electronics Equipment	
4	Instrumentation Engineering	Instrumentation System Design	** Analog and Digital Design	PC Based Instrumentation	****	Elective-II	Power Plant and Process Instrumentation	
5	Electronics & Telecommunication/ Communication Engineering	UHF & Microwave	Electronic System Design	Elective-II Computer Communication & Network	Mobile Communication	Elective-II 1. Digital Image Processing 2. Fuzzy Logic & Neural Network	Optical Communication	
6	Electrical Engineering (Elect & Power)	Power Semiconductor Based Drives	Switchgear & Protection	Computer Appl in Electrical Engineering	****	****	Elective-II	
7	Computer Technology	Computer Graphics	Compiler Construction	Elective-III	****	****	Elective-IV	
8	Computer Engineering	Unix and Shell Programming	Advance Microprocessor & Micro controller	Elective-I	****	****	Elective-II	
9	Mechanical Engineering	Automation in Production	Industrial Management	Energy Conversion-III	****	Elective-III	Computer Aided Design	
10	Production Engineering	Engineering Costing	Industrial Management	Maintenance Management	****	Elective-II	Computer Aided Manufacturing	
11	Industrial Engineering	Engineering Economy & Cost Control	Operation Research-II	Plant Engineering-II	****	Elective-I	Management Information System	
12	Information Technology	Distributed Databases and Object Oriented Databases	Web Technologies	E-Commerce	****	Elective-II	Elective-I	

13	Mining Engineering	Mine Management	Mine Legislation and Safety	Mine Planning	****	****	Elective-II
14	Power Engineering	Thermal Power Plant Operation & Performance	Switchgear & Protection	Power Plant Maint. Practices	****	****	Elective-I
15	Computer Science Engineering	Distributed and Object Oriented Databases Management	Elective-III	Elective-IV	Computer Systems Security	****	****
16	Aeronautical Engineering	Air Transportation	Vibration & Aero elasticity	Elective-I	Elective-II	Elective-III	****

**** 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

tt_be_final

P. T. O. (List of Electives)

List of Eighth Semester B.E. Elective

Sr. No.	Name of Branch	Elective-I	Elective-II	Elective-III	Elective-IV
1.	Civil Engineering	*****	1. Advanced Stuctural Analysis 2. Pavement Design 3. Water Power Engineering 4. Earth & Earth Retaining Structures 5. Water Transmission & Distribution System 6. Adv. Engineering Geology	1. Advanced Steel Design 2. Prestressed Concrete 3. Adv. Geotechnical Engineering 4. Computer Graphics of Application 5. Water & Waste Water Treatment 6. Applied Remote Sensing and Gis	****
2.	Electronics Engineering	*****	1. Satellite Communication 2. Digital Image Processing 3. Embedded System 4. Mobile Communication	*****	****
3.	Electronics Design Technology.	*****	1. Digital Image Processing 2. Embedded System 3. Robotics 4. Mobile Communication	*****	****
4.	Instrumentation Engineering	*****	1. Modelling and Simulation 2. Apto Electronic Instrumentation 3. Robotics	*****	****
5.	Electronics & Telecommunication / Communication Engineering	*****	1. Computer Communication & Network 2. Digital Image Processing 3. Fuzzy Logic & Neural Network	*****	****
6	Electrical Engineering (Elect & Power)	*****	1. EHVAC and HVDC Trans 2. Entrepreneurship Development 3. Advanced Microprocessor peripheral 4. Biomedical Engineering 5. DSP 6. Opt Tech.	****	****
7	Computer Technology	*****	*****	1. TCP/ IP 2. Network Security 3. E. Commerce	1. Multimedia & Web Designing 2. Data mining & ware housing 3. CAD/ CAM
8	Computer Engineering	1. Modern Computer Networking 2. Computer Vision	1. Object Oriented Software Engineering 2. Object Oriented Modeling & Design	****	****
9	Mechanical Engineering	*****	*****	1. Advanced Manufacturing Techniques 2. Machine Tool Design 3. Renewable Energy Systems 4. Vibrations 5. Mechatronics 6. Power Plant Engineering 7. Automobile Engineering	****

10	Production Engineering	*****	<ol style="list-style-type: none"> Advanced Techniques in Operation Research Product Design Simulation and Modelling Product Management & Software Tools Modern Production Techniques Cybernetics and Artificial Intelligence 	*****	****
11	Industrial Engineering	<ol style="list-style-type: none"> Advanced Production Technology Optimisation Techniques Business Process Re-engineering Total Quality Management Entrepreneurship Development Software Engineering Modern Improvement Techniques. 	*****	*****	****
12	Information Technology	<ol style="list-style-type: none"> Enterprise Resource Planning Fiber Optical Communication Modeling & Simulation Real Time Systems 	<ol style="list-style-type: none"> Mobile Communication Pattern Recognition Advanced Microprocessor Parallel Processing 	*****	****
13	Mining Engineering	*****	<ol style="list-style-type: none"> Underground Space Technology Mine Safety Engineering Management Information System 	****	****
14	Power Engineering	<ol style="list-style-type: none"> IT & its Application in Power Engineering Materials Handling System Non – Conventional Energy Sources 	****	****	****
15	Computer Science Engineering	****	****	<ol style="list-style-type: none"> Natural Language Processing Mobile Computing Soft Computing Topics In Distributed system. 	<ol style="list-style-type: none"> Embedded System Grid Computing Digital Image Processing Data Warehousing & Mining
16	Aeronautical Engineering	<ol style="list-style-type: none"> Theory of Elasticity Optimization Techniques Reliability Centered Maintenance Aircraft Mechanisms – Analysis and Synthesis 	<ol style="list-style-type: none"> Finite Element Method Air Frame Maintenance and Repair Aero Engine Maintenance Repair Flight Dynamics 	<ol style="list-style-type: none"> Experimental Stress Analysis Fatigue and Fracture Computational Fluid Dynamics 	