



**G. H. RAISONI COLLEGE OF ENGINEERING, NAGPUR.**  
(An Autonomous Institution)

C.R.P.F. Gate No. 3, Hingna Road, Digdoh Hills, Nagpur, Maharashtra 440 016 (India)

**M. TECH. / M. E. SECOND SEMESTER END SEMESTER EXAMINATION OF SUMMER - 2016**

**=: PROGRAMME (WRITTEN):=**

**TIME:- 2.00 P.M. To 5.00 P.M.**

**(New Scheme 2014-15)**

**(Autonomous)**

Day Date	Environmental Engineering	Transportation Engineering	Structural Engineering	CAD / CAM	Heat Power Engineering	Integrated Power System	Power Electronics & Drives	Communication Engineering	VLSI	Electronics Engineering	Computer Science Engineering	Embedded System & Comp.	Wireless Comm. & Comp.	Mobile Technology
Monday 11/04/2016	(Elective-III) Computational Methods and Optimization Technique	Transducers & Sensors	Structural Dynamics	Finite Element Analysis	Fluid Dynamics	Processor Applications to Power Systems	Digital Signal Processing	Analysis of Transmission Line	(Elective) 1. Low Power VLSI Design 2. Mixed Signal Design	Wireless Networks	Advances In Algorithm	(Elective-III) 1. Advances in Algorithm 2. Advanced Microcontroller	Network Security and Cryptography	Designing of Mobile Applications
Wednesday 13/04/2016	Industrial Wastewater Management	(Elective) 1. Public Transportation Planning and Design 2. Project Management	(Elective-IV) 1. Disaster Management 2. Design of Bridges and Retaining Walls	Advanced Machine Design	(Elective-III) 1. Convective Heat and Mass Transfer 2. Computational Fluid Dynamics	(Elective-IV) 1. FACTS 2. Electrical Drives-II 3. Load Forecasting and Load management	(Elective-IV) Special Machines	Signal Processing and Smart Antenna	(Elective) 1. High Speed Devices and Circuits 2. Networks On Chip 3. VLSI Signal Processing	(Elective) 1. Mobile Communication 2. Optical Devices and Fiber Optics	(Elective-III) 1. Cloud Computing and Virtualization 2. Human Computer Interaction	Embedded System Programming	(Elective-IV) Smart Antenna Systems	(Elective-IV) 1. Cloud Computing and Virtualization 2. High Performance Networks
Saturday 16/04/2016	Water Conveyance and Wastewater Collection	(Elective) Pavement Design and Analysis	Advanced Design of RCC Structures	(Elective-III) 1. Modeling and Simulations 2. Computer Aided Tool Design	Thermal Engineering –II	Energy Systems Management	Electric Drives-I	(Elective) 1. Processors and Embedded Controller 2. Multi Rate Signal Processing and Filter Banks	Analog VLSI Design	(Elective) 1. Analog VLSI Design 2. Biomedical Instrumentation Systems	Advanced Compilers	Hardware Description Languages	Adhoc Wireless Network	(Elective-VI) Adhoc Wireless Network
Monday 18/04/2016	(Elective-IV) 1. Environmental Management 2. Wastewater Recycling	Urban Transportation Planning	(Elective-III) 1. Finite Element Method 2. Advanced Design of Steel Structures	Product Design and Development	Refrigeration & Air Conditioning Technologies	(Elective-III) 1. HVDC Transmission system 2. Sub-Station Engineering	(Elective-III) Electrical Transportation Systems	(Elective) Soft Computing	Optimization Techniques	Optimization Techniques	(Elective-V) 1. Mobile Operating System 2. Object Oriented Software Design	Real Time Operating System	(Elective-VI) Satellite Communication	Mobile Operating System
Wednesday 20/04/2016	Air Pollution & Solid Waste Management	Traffic Flow Theory	Theory of Plates and Shells	(Elective-IV) 1. Plastics and Composites 2. Manufacturing System Integration and Management	(Elective-IV) 1. Energy Conservation and Management 2. Advanced Cryogenic Systems	-----	-----	(Elective) Wireless Communication and Broadband Technology	Modeling of Digital Systems	Modeling of Digital Systems	(Elective-IV) Voice Over IP	(Elective-IV) 1. Hardware Software Co-Design 2. Advanced Digital Image Processing	(Elective-V) 1. Mobile Computing 2. Voice Over IP	(Elective-V) 3G Networks
Friday 22/04/2016	-----	Intelligent Transportation System	-----	-----	-----	-----	-----	Mobile Communication	-----	-----	-----	-----	-----	-----

Date of answerbook showing to the students in respective department will be as under:-

20/04/2016 : - The paper of the date 11/04/2016, 13/04/2016, 16/04/2016, 18/04/2016

23/04/2016 : - The paper of the date 20/04/2016, 22/04/2016

**[Prof. S.S. Wankhede]**  
**Controller of Examinations**

G. H. Raisoni College of Engineering, Nagpur