



**G. H. RAISONI COLLEGE OF ENGINEERING, NAGPUR.**  
(An Autonomous Institution under UGC Act, 1956)  
C.R.P.F. Gate No. 3, Hingna Road, Digidoh Hills, Nagpur, Maharashtra 440 016 (India)

**M. TECH. / M. E. FIRST SEMESTER END SEMESTER EXAMINATION OF WINTER - 2014**  
=: PROGRAMME (WRITTEN):=  
TIME:-2.00 P.M. To 5.00 P.M.

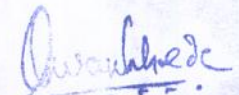
(New Scheme 2014-15)

(Autonomous)

| Day / Date                    | Environmental Engineering                         | Transportation Engineering                         | Structural Engineering                                 | CAD / CAM   | Heat Power Engineering  | Integrated Power System   | Power Electronics & Drives             | VLSI  | Electronics Engineering                      | Communication Engineering                       | Computer Science Engineering                    | Embedded System & Comp.  | Wireless Comm. & Comp.  | Mobile Technology                               |
|-------------------------------|---|--|--|---|---|---|--|---|--|---|---|--|---|---|
| <b>Saturday</b><br>08/11/2014 | (Elective)<br>Energy Conservation and Environment | (Elective)<br>Bridge Engineering                   | Theory of Elasticity and Elastic Stability             | Computer Graphics for CAD/CAM   | Conduction & Radiation Heat Transfer                                      | (Elective)<br>1. EHVAC Transmission<br>2. Analysis of Electrical Machines | DSP Processors and Architecture        | VLSI Subsystem Design   | (Elective)<br>VLSI Circuits                  | Advanced Digital Communication                  | Mathematical Foundation of Computer Science     | Digital Signal Processing  | Digital Signal Processing   | Digital Signal Processing                       |
| <b>Tuesday</b><br>11/11/2014  | Municipal and Industrial Water Treatment          | Applied Statistics & Optimization Methods          | (Elective)<br>Design of Steel Structures               | (Elective)<br>Data Structures & Algorithm   | Advanced Thermodynamics   | (Elective)<br>1. Power System Modeling<br>2. Electrical Drives-I          | (Elective)<br>Power Quality Aspects    | (Elective)<br>1. Advanced Digital Image Processing<br>2. Data Communication | (Elective)<br>Advanced Digital Communication | DSP Processor and Architecture                  | (Elective)<br>Network Security and Cryptography | Microcontroller & Embedded System  | (Elective)<br>Advanced Data Structure and Analysis of Algorithm                       | (Elective)<br>Network Security and Cryptography |
| <b>Thursday</b><br>13/11/2014 | Environmental Chemistry & Microbiology            | Ground Improvement Techniques                      | (Elective)<br>New Engineering Materials and Techniques | Computer Integrated Manufacturing   | (Elective)<br>Thermal System Design                                       | Switchgear and Protection   | Power Electronics Devices and Systems  | Advanced DSP  | Advanced DSP                                 | Error Control Coding                            | High Performance Computer Architecture          | (Elective)<br>1. CMOS VLSI Design<br>2. High Performance Computer Architecture | Wireless Communication and Network  | Mobile Communication System and Standards       |
| <b>Saturday</b><br>15/11/2014 | Municipal Wastewater Treatment and Disposal       | (Elective)<br>Transportation Safety and Management | Matrix Analysis of Structures                          | CNC & Robotics  | Thermal Engineering-I   | Advanced Control Theory   | Advanced Control Theory                | Embedded Systems & Controllers  | Embedded Systems & Controllers               | (Elective)<br>Low Power VLSI Design             | Distributed Operating System                    | (Elective)<br>Intelligent Embedded System                                      | (Elective)<br>Distributed Operating System  | (Elective)<br>Mobile Databases                  |
| <b>Monday</b><br>17/11/2014   | (Elective)<br>Green Building                      | Traffic Engineering                                | Computational Techniques                               | (Elective)<br>1. Advanced Materials Engineering<br>2. Total Quality Systems and Engineering | (Elective)<br>1. Advanced Energy Technology<br>2. Solar Energy Technology | Advanced Power Electronics  | (Elective)<br>Energy Efficient Systems | (Elective)<br>Solid State Devices   | Soft Computing & Applications                | (Elective)<br>DIP and Wavelet Signal Processing | (Elective)<br>Soft Computing                    | Soft Computing   | (Elective)<br>1. Telecommunication Switching System and Networks<br>2. Soft Computing | (Elective)<br>IP Telephony                      |

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

15/11/2014 :- The paper of the date 08/11/2014, 11/11/2014, 13/11/2014  
18/11/2014 :- The paper of the date 15/11/2014, 17/11/2014

  
**[Prof. S.S. Wankhede]**  
**Controller of Examinations**  
 G. H. Raisoni College of Engineering, Nagpur