

# University of Mumbai



**(812 TO825)**  
**FIRST HALF - 2015**

## **EXAMINATION TIMETABLE** **B.E. (SEM.-VII) (ALL BRANCHES) EXAMINATIONS**

TIME: 11:00am to 02:00pm

| DAY                     | FRIDAY                                       | THURSDAY                              | WEDNESDAY  | TUESDAY   | MONDAY  |
|-------------------------|--|---------------------------------------|--|---|---|
| DATE                    | 15 <sup>TH</sup> MAY, 2015                   | 21 <sup>ST</sup> MAY, 2015            | 27 <sup>TH</sup> MAY, 2015                               | 2 <sup>ND</sup> JUNE 2015   | 8 <sup>TH</sup> JUNE, 2015                              |
| <b>CIVIL ENGG.</b>      | ENVIRONMENTAL<br>ENGINEERING - II            | IRRIGATION ENGINEERING                | LIMIT STATE METHOD FOR<br>REINFORCED CONCRETE STRUCTURES | QUANTITY SURVEY<br>ESTIMATION<br>AND VALUATION<br><b>11:00am to 03:00pm</b> | ELECTIVE -I   |
|                         |  |                                       |  |   | ADVANCED SURVEYING                                      |
|                         |  |                                       |  |   | ADVANCED ENGINEERING GEOLOGY                            |
|                         |  |                                       |  |   | APPLIED HYDROLOGY AND FLOOD CONTROL                     |
|                         |  |                                       |  |   | SOLID WASTE MANAGEMENT                                  |
|                         |  |                                       |  |   | SYSTEMS APPROACH IN CIVIL ENGINEERING                   |
|                         |  |                                       |  |   | RISK AND VALUE MANAGEMENT                               |
|                         |  |                                       |  |   | ADVANCED STRUCTURAL ANALYSIS                            |
|                         |  |                                       |  |   | STRUCTURAL DYNAMICS                                     |
|                         |  |                                       |  |   | ADVANCED STRUCTURAL MECHANICS                           |
|                         |  |                                       |  |   | ADVANCED FOUNDATION ENGINEERING                         |
|                         |  |                                       |  |   | GROUND WATER HYDROLOGY                                  |
|                         |  |                                       |  |   | PAVEMENT SUBGRADE & MATERIALS                           |
|                         |  |                                       |  |   | AIR POLLUTION   |
| <b>MECHANICAL ENGG.</b> | CAD / CAM / CIM<br><b>11:00am to 03:00pm</b> | REFRIGERATION AND AIR<br>CONDITIONING | MANUFACTURING PLANNING &<br>CONTROL                      | MACHINE DESIGN – II<br><b>11:00am to 03:00pm</b>                            | ELECTIVE – I  |
|                         |  |                                       |  |   | SUPPLY CHAIN MANAGEMENT                                 |
|                         |  |                                       |  |   | CRYOGENIC ENGINEERING                                   |
|                         |  |                                       |  |   | NUCLEAR TECHNOLOGY -I                                   |
|                         |  |                                       |  |   | MICRO ELECTRO MECHANICAL SYSTEMS(MEMS)                  |
|                         |  |                                       |  |   | POWER PLANT ENGINEERING                                 |
|                         |  |                                       |  |   | OPERATIONS RESEARCH                                     |
|                         |  |                                       |  |   | INFORMATION TECHNOLOGY FOR MANAGEMENT OF<br>ENTERPRISES |
|                         |  |                                       |  |   | VIRTUAL REALITY   |
|                         |  |                                       |  |   | COMPUTATIONAL FLUID DYNAMICS                            |
|                         |  |                                       |  |   | INDUSTRIAL ROBOTICS                                     |
|                         |  |                                       |  |   | PIPING ENGINEERING                                      |
|                         |  |                                       |  |   | DYNAMIC SYSTEM MODELLING & ANALYSIS                     |

|                              |  |                                       |   |   |  |
|------------------------------|--|---------------------------------------|---|---|--|
| <b>ELECTRICAL ENGG.</b>      | ELECTRICAL MACHINE DESIGN                      | POWER SYSTEM OPERATION AND CONTROL    | ELECTIVE - I  | CONTROL SYSTEMS - II  | HIGH VOLTAGE DC TRANSMISSION                         |
|                              |  |                                       | HIGH VOLTAGE ENGINEERING  |   |  |
|                              |  |                                       | ANALYSIS AND DESIGN OF SWITCHED MODE CONVERTERS                 |   |  |
|                              |  |                                       | POWER SYSTEM DYNAMICS AND STABILITY                             |   |  |
|                              |  |                                       | ILLUMINATION ENGINEERING  |   |  |
| <b>ELECTRONICS ENGG.</b>     | FILTER DESIGN                                  | ELECTIVE - II                         | POWER ELECTRONIC AND DRIVES                                     | VLSI DESIGN   | COMMUNICATION NETWORKS                               |
|                              |  | WIRELESS COMMUNICATION                |   |   |  |
|                              |  | ADVANCE IN BIOMEDICAL INSTRUMENTATION |   |   |  |
|                              |  | MICRO COMPUTER SYSTEM DESIGN          |   |   |  |
|                              |  |                                       | DIGITAL IMAGE PROCESSING DESIGN                                 |   |  |
| <b>COMPUTER ENGG.</b>        | ELECTIVE -I                                    | DIGITAL SIGNAL & IMAGE PROCESSING     | ROBOTICS AND AI   | MOBILE COMPUTING  | SYSTEM SECURITY                                      |
|                              | COMPUTER SIMULATION AND MODELING               |                                       |   |   |  |
|                              | E-COMMERCE                                     |                                       |   |   |  |
|                              | PROJECT MANAGEMENT                             |                                       |   |   |  |
|                              | SOFT COMPUTING                                 |                                       |   |   |  |
| <b>INSTRUMENTATION ENGG.</b> | BIOMEDICAL INSTRUMENTATION                     | PROCESS AUTOMATION                    | ELECTIVE-I  | ADVANCE CONTROL SYSTEMS   | INDUSTRIAL PROCESS CONTROL                           |
|                              |  |                                       | ADVANCED EMBEDDED SYSTEMS                                       |   |  |
|                              |  |                                       | FIBER OPTIC INSTRUMENTATION                                     |   |  |
|                              |  |                                       | PROCESS MODELING AND OPTIMIZATION                               |   |  |
|                              |  |                                       | IMAGE PROCESSING  |   |  |
|                              | EXPERT SYSTEMS                                 |                                       |   |   |  |
| <b>CONSTRUCTION ENGG.</b>    | CONSTRUCTION MANAGEMENT - I                    | IRRIGATION ENGINEERING                | LIMIT STATE METHOD FOR REINFORCED CONCRETE STRUCTURES           | QUANTITY SURVEY ESTIMATION VALUATION<br><b>11:00am to 03:00pm</b> | ELECTIVE -I  |
|                              |  |                                       |   |   | ADVANCED SURVEYING                                   |
|                              |  |                                       |   |   | SYSTEM APPROACH IN CIVIL ENGINEERING                 |
|                              |  |                                       |   |   | RISK AND VALUE MANAGEMENT                            |
|                              |  |                                       |   |   | ADVANCED ENGINEERING GEOLOGY                         |
|                              |  |                                       |   |   | LEGAL ASPECTS IN CONSTRUCTION                        |
|                              |  |                                       |   |   | SAFETY MANAGEMENT IN CONSTRUCTION                    |
|                              |  |                                       |   |   | REINFORCED CONCRETE REPAIRS AND MAINTENANCE          |
| PRODUCTIVITY IN CONSTRUCTION |  |                                       |   |   |  |
| <b>AUTOMOBILE ENGG.</b>      | CAD / CAM / CIM<br><b>(11:00am to 03.00pm)</b> | AUTOTRONICS                           | ADVANCE DESIGN OF MACHINE ELEMENTS<br><b>11:00am to 03:00pm</b> |   | ELECTIVE-I   |
|                              |  |                                       |   |   | TRANSPORT MANAGEMENT & MOTOR INDUSTRY                |
|                              |  |                                       |   |   | NOISE VIBRATION AND HARSHNESS                        |
|                              |  |                                       |   |   | SUPPLY CHAIN MANAGEMENT                              |
|                              |  |                                       |   |   | POWER PLANT ENGINEERING                              |
|                              |  |                                       |   |   | MICRO ELECTRO MECHANICAL SYSTEMS(MEMS)               |
|                              |  |                                       |   |   | OPERATIONS RESEARCH                                  |
|                              |  |                                       |   |   | INFORMATION TECHNOLOGY FOR MANAGEMENT OF ENTERPRISES |
|                              |  |                                       |   |   | VIRTUAL REALITY                                      |
|                              |  |                                       |   |   | COMPUTATIONAL FLUID DYNAMICS                         |
|                              |  |                                       |   |   | INDUSTRIAL ROBOTICS                                  |
|                              |  |                                       |   |   | PIPING ENGINEERING                                   |
|                              |  |                                       |   |   | DYNAMIC SYSTEM MODELLING & ANALYSIS                  |

|  |                                  |   |   |   |  |
|--|----------------------------------|---|---|---|--|
| <b>ELECTRONICS &amp; TELECOMMUNICATION ENGG.</b> | DISCRETE TIME SIGNAL PROCESSING  | ELECTIVE-I                                      | MOBILE COMMUNICATION SYSTEMS                      | FUNDAMENTALS OF MICROWAVE ENGINEERING         | COMPUTER COMMUNICATION NETWORK                       |
|  |                                  | DATA COMPRESSION AND ENCRYPTION                 |   |   |  |
|  |                                  | INTRODUCTION TO VLSI DESIGN                     |   |   |  |
|  |                                  | SPEECH PROCESSING                               |   |   |  |
|  |                                  | ELECTRONIC PRODUCT DESIGN                       |   |   |  |
| <b>CHEMICAL ENGG.</b>                            | CHEMICAL PROCESS - II            | PROCESS ENGINEERING                             | ELECTIVE-II                                       | REACTION KINETICS                             | INSTRUMENTATION & PROCESS CONTROL                    |
|  |                                  |   | BIO-TECHNOLOGY                                    |   |  |
|  |                                  |   | POLYMER ENGINEERING                               |   |  |
|  |                                  |   | FOOD PROCESS ENGINEERING                          |   |  |
|  |                                  |   | PETROCHEMICAL & REFINING TECHNOLOGY               |   |  |
|  |                                  |   | NUCLEAR ENGINEERING                               |   |  |
|  |                                  |   | PROJECT ENGINEERING & ENTREPRENEURSHIP MANAGEMENT |   |  |
| <b>INFORMATION TECHNOLOGY</b>                    | ELECTIVE -I                      | DATA WAREHOUSING MINING & BUSINESS INTELLIGENCE | SOFTWARE TESTING & QUALITY ASSURANCE              | SIMULATION AND MODELLING                      | DIGITAL SIGNAL & IMAGE PROCESSING                    |
|  | WIRELESS NETWORK                 |   |   |   |  |
|  | MULTIMEDIA SYSTEMS               |   |   |   |  |
|  | EVOLUTIONARY ALGORITHMS          |   |   |   |  |
|  | IT IN CONSTRUCTION               |   |   |   |  |
|  | NANOTECHNOLOGY                   |   |   |   |  |
|  | GEOGRAPHICAL INFORMATION SYSTEMS |   |   |   |  |
| ARTIFICIAL INTELLIGENCE                          |                                  |   |   |   |  |
| <b>BIOMEDICAL ENGG.</b>                          | MEDICAL IMAGE-II                 | BIOMEDICAL INSTRUMENTATION-III                  | PRINCIPLES OF IMAGING PROCESSING                  | NETWORKING AND INFORMATION SYSTEM IN MEDICINE | -----  |
| <b>BIOTECHNOLOGY</b>                             | IPR BIOETHICS AND BIOSAFETY      | ENVIRONMENTAL BIOTECHNOLOGY-I                   | ELECTIVE - I : BIOMEDICAL ENGINEERING             | BIOSEPARATION AND DOWNSTREAM TECHNOLOGY       | PROCESS DYNAMICS AND CONTROL                         |
|  |                                  |   | : NON-CONVENTIONAL SOURCES OF ENERGY              |   |  |
|  |                                  |   | : PROTEIN ENGINEERING                             |   |  |
| <b>PRINTING &amp; PACKAGING TECHNOLOGY</b>       | PRODUCT PACKAGING-II             | PRINTING TECHNOLOGIES-II                        | ENVIRONMENTAL SCIENCES & WASTE MANAGEMENT         | PACKAGING & PRINTING MACHINERY & SYSTEMS      | ELECTIVE-I : SELF ADHESIVE & NARROW WEB TECHNOLOGY-I |
|  |                                  |   |   |   | : FOOD PACKAGING SCIENCE & TECHNOLOGY-I              |
|  |                                  |   |   |   | : INDUSTRIAL PRODUCTS PACKAGING-I                    |

Mumbai – 400 098.  
DATE- 16<sup>TH</sup> MARCH, 2015

Sd/-  
(DINESH BHONDE)  
CONTROLLER OF EXAMINATIONS