



**Maharashtra State Board of Technical Education, Mumbai.**  
Government Polytechnic Building, 49, Kherwadi, Bandra (E), Mumbai 400 051.

**TIMETABLE Winter 2023 EXAMINATION**

**Institute-Wise Time Table for Winter 2023 Theory Examination**

| <b>CHHATRAPATI SHAHU MAHARAJ SHIKSHAN SANSTHAS COLLEGE OF POLYTECHNIC , Chhatrapati Sambhaji Nagar</b> |              |  |  |
|--|--------------|--|--|
| <b>Date: 01-12-2023 Day: 1 Morning</b>   |              |  |  |
| Time Slot  | Subject Code | Subject Name                           | Scheme   |
| 09:30 A.M. to 12:30 P.M.   | 17443        | DIGITAL TECHNIQUES & MICROPROCESSOR    | EJ-4-E, EJ-4-C   |
| 09:30 A.M. to 12:30 P.M.   | 17609        | PRODUCTION ENGINEERING & ROBOTICS      | ME-6-G, ME-6-E, ME-6-C, EE-3-A, ME-3-A, EE-3-S, ME-3-S, ME-3-R, ME-3-N, ME-3-O                         |
| 09:30 A.M. to 12:30 P.M.   | 22213        | ELEMENTS OF ELECTRONICS                | EE-2-I   |
| <b>Date: 01-12-2023 Day: 1 Afternoon</b>   |              |  |  |
| Time Slot  | Subject Code | Subject Name                           | Scheme   |
| 02:00 P.M. to 05:00 P.M.   | 22501        | WATER RESOURCE ENGINEERING             | CE-5-I, CE-5-G, CE-5-E, CE-5-C, CE-5-D, CE-3-A, CE-3-S, CE-3-R, CE-3-N, CE-3-O                         |
| 02:00 P.M. to 05:00 P.M.   | 22516        | OPERATING SYSTEMS                      | CO-5-I, IF-5-I, AN-5-I, CO-5-G, IF-5-G, IF-5-E, CO-5-E, IF-5-C, CO-5-C, CO-3-A, IF-3-A, IF-3-S, CO-3-N |
| 02:00 P.M. to 05:00 P.M.   | 22523        | INDUSTRIAL AC MACHINES                 | EE-5-I, EE-5-G, EE-5-E, EE-5-C   |
| 02:00 P.M. to 05:00 P.M.   | 22531        | CONTROL SYSTEMS AND PLC                | EJ-5-I, EJ-5-G, EJ-3-A   |
| 02:00 P.M. to 05:00 P.M.   | 22541        | CONTROL SYSTEMS                        | EJ-6-E, EJ-6-C   |
| 02:00 P.M. to 05:00 P.M.   | 22563        | ADVANCED MANUFACTURING PROCESSES       | ME-5-I, ME-5-G, ME-5-E, ME-5-C, ME-3-A, ME-3-S, ME-3-R, ME-3-N, ME-3-O                                 |
| <b>Date: 02-12-2023 Day: 2 Morning</b>   |              |  |  |
| Time Slot  | Subject Code | Subject Name                           | Scheme   |
| 09:30 A.M. to 12:30 P.M.   | 22616        | PROGRAMMING WITH PYTHON                | CO-6-I   |
| 09:30 A.M. to 12:30 P.M.   | 22622        | WIRELESS AND MOBILE NETWORKS           | IF-6-I, IF-6-G   |
| 09:30 A.M. to 12:30 P.M.   | 22625        | MAINTENANCE OF ELECTRIC EQUIPMENT      | EE-6-I, EE-6-G, EE-6-E, EE-6-C, EE-3-A, EE-3-S, EE-3-R, EE-3-N, EE-3-O                                 |
| 09:30 A.M. to 12:30 P.M.   | 22656        | AUTOMOBILE ENGINEERING                 | ME-6-I   |
| <b>Date: 02-12-2023 Day: 2 Afternoon</b>   |              |  |  |
| Time Slot  | Subject Code | Subject Name                           | Scheme   |
| 02:00 P.M. to 05:00 P.M.   | 17302        | BASIC ELECTRONICS & MECHATRONICS       | ME-3-G   |
| 02:00 P.M. to 05:00 P.M.   | 17318        | ELECTRICAL ENGINEERING                 | EJ-3-G, EJ-3-E, EJ-3-C, EJ-2-A   |
| 02:00 P.M. to 05:00 P.M.   | 22305        | CONCRETE TECHNOLOGY                    | CE-3-I   |
| 02:00 P.M. to 05:00 P.M.   | 22319        | DATABASE MANAGEMENT SYSTEM             | CO-3-I, AN-3-I, CO-3-G, IF-3-G, IF-3-E, CO-3-E, IF-3-C, CO-3-C, IF-2-A, CO-2-A, IF-2-S, CO-2-S, CO-2-R |
| 02:00 P.M. to 05:00 P.M.   | 22321        | PRINCIPLES OF DATABASE                 | IF-3-I   |
| 02:00 P.M. to 05:00 P.M.   | 22325        | ELECTRICAL AND ELECTRONIC MEASUREMENTS | EE-3-I, EE-3-G, EE-3-E, EE-3-C, EE-2-A, EE-3-S, EE-2-S, EE-2-R, EE-2-N, EE-2-O                         |
| 02:00 P.M. to 05:00 P.M.   | 22337        | THERMAL ENGINEERING                    | ME-3-I   |

**Date: 04-12-2023 Day: 3 Morning**

| Time Slot                | Subject Code | Subject Name                     | Scheme   |
|--------------------------|--------------|----------------------------------|--|
| 09:30 A.M. to 12:30 P.M. | 12112        | COMPUTER GRAPHICS                | CO-4-E, CO-4-C   |
| 09:30 A.M. to 12:30 P.M. | 22401        | HYDRAULICS                       | CE-4-I, CE-4-G, CE-4-E, CE-4-C, CE-3-A, CE-3-S, CE-3-R, CE-3-N, CE-3-O |
| 09:30 A.M. to 12:30 P.M. | 22412        | JAVA PROGRAMMING                 | AN-4-I, IF-4-I, CO-4-I   |
| 09:30 A.M. to 12:30 P.M. | 22418        | ELECTRIC MOTORS AND TRANSFORMERS | EE-4-I, EE-4-G, EE-4-E, EE-4-C, EE-2-A, EE-2-S, EE-2-R, EE-2-N, EE-2-O |
| 09:30 A.M. to 12:30 P.M. | 22423        | LINEAR INTEGRATED CIRCUITS       | EJ-4-I, EJ-4-G, EJ-4-E, EJ-4-C, EJ-2-A, CO-2-N                         |
| 09:30 A.M. to 12:30 P.M. | 22445        | FLUID MECHANICS AND MACHINERY    | ME-4-I, ME-4-G, ME-4-E, ME-4-C   |

**Date: 04-12-2023 Day: 3 Afternoon**

| Time Slot                | Subject Code | Subject Name                   | Scheme   |
|--------------------------|--------------|--------------------------------|--|
| 02:00 P.M. to 04:00 P.M. | 17103        | BASIC CHEMISTRY                | CE-1-E, ME-1-E, EE-1-E, CO-1-E, IF-1-E, EJ-1-E, CE-1-C, ME-1-C, CO-1-C, IF-1-C, EJ-1-C, EE-1-C, ME-1-A, EE-1-A, EJ-1-A, CE-1-A, EE-1-S, ME-1-S, CE-1-S, EE-1-R, CE-1-R, ME-1-R, EE-1-M, CE-1-M, ME-1-M, EE-1-N, CE-1-N, ME-1-N |
| 02:00 P.M. to 04:00 P.M. | 17533        | COMPUTER HARDWARE & NETWORKING | EJ-5-G, EJ-5-E, EJ-5-C   |

**Date: 05-12-2023 Day: 4 Morning**

| Time Slot                | Subject Code | Subject Name                     | Scheme   |
|--------------------------|--------------|----------------------------------|--|
| 09:30 A.M. to 12:30 P.M. | 22203        | APPLIED MECHANICS                | ME-2-I, CE-2-I, CE-2-G, ME-2-G, EE-2-G, ME-2-E, CE-2-E, EE-2-E, ME-2-C, CE-2-C, EE-2-C, EJ-1-A, ME-1-A, EE-1-A, CE-1-A, ME-1-S, CE-1-S, EE-1-S, ME-1-R, EE-1-R, CE-1-R, EE-1-M, ME-1-M, CE-1-M, CE-1-N, EE-1-N, ME-1-N |
| 09:30 A.M. to 12:30 P.M. | 22217        | ELECTRONIC ENGINEERING MATERIALS | EJ-2-I   |
| 09:30 A.M. to 12:30 P.M. | 22226        | PROGRAMMING IN 'C'               | CO-2-I, IF-2-I, AN-2-I, IF-2-G, CO-2-G, CO-2-E, IF-2-E, CO-2-C, IF-2-C   |

**Date: 05-12-2023 Day: 4 Afternoon**

| Time Slot                | Subject Code | Subject Name                         | Scheme   |
|--------------------------|--------------|--------------------------------------|--|
| 02:00 P.M. to 05:00 P.M. | 17513        | SOFTWARE ENGINEERING                 | CO-5-G, IF-5-G, CO-5-E, IF-5-E, CO-5-C, IF-5-C, IF-2-A, IF-3-S         |
| 02:00 P.M. to 06:00 P.M. | 22502        | DESIGN OF STEEL AND RCC STRUCTURES   | CE-5-I   |
| 02:00 P.M. to 05:00 P.M. | 22521        | ADVANCED DATABASE MANAGEMENT SYSTEMS | AN-5-I, CO-5-I   |
| 02:00 P.M. to 05:00 P.M. | 22524        | SWITCHGEAR AND PROTECTION            | EE-5-I, EE-5-G, EE-5-E, EE-5-C, EE-3-A, EE-3-S, EE-3-R, EE-3-N, EE-3-O |
| 02:00 P.M. to 05:00 P.M. | 22533        | MOBILE AND WIRELESS COMMUNICATION    | EJ-5-I   |
| 02:00 P.M. to 05:00 P.M. | 22537        | MICROCONTROLLER                      | EJ-5-G, EJ-5-E, EJ-5-C, EJ-3-A   |
| 02:00 P.M. to 06:00 P.M. | 22564        | ELEMENTS OF MACHINE DESIGN           | ME-5-I, ME-6-G, ME-6-E, ME-6-C, ME-3-A, ME-3-S, ME-3-R, ME-3-N, ME-3-O |

**Date: 06-12-2023 Day: 5 Morning**

| Time Slot                | Subject Code | Subject Name               | Scheme                                 |
|--------------------------|--------------|----------------------------|--|
| 09:30 A.M. to 12:30 P.M. | 12274        | TELEMATICS (ELECTIVE - II) | EJ-6-E, EJ-6-C                         |
| 09:30 A.M. to 12:30 P.M. | 17638        | POWER ELECTRONICS          | EE-6-G, EE-6-E, EE-6-C                 |
| 09:30 A.M. to 12:30 P.M. | 17658        | EMBEDDED SYSTEM            | EJ-6-G, EJ-6-E, EJ-6-C                 |
| 09:30 A.M. to 12:30 P.M. | 22601        | CONTRACTS AND              | CE-6-I, CE-6-G, CE-6-E, CE-6-C, CE-6-D |

| ACCOUNTS                                 |              |  |  |
|--|--------------|--|--|
| 09:30 A.M. to 12:30 P.M.                 | 22617        | MOBILE APPLICATION DEVELOPMENT             | IF-6-I, CO-6-I   |
| 09:30 A.M. to 12:30 P.M.                 | 22626        | UTILIZATION OF ELECTRICAL ENERGY           | EE-6-I   |
| 09:30 A.M. to 12:30 P.M.                 | 22634        | COMPUTER NETWORKING AND DATA COMMUNICATION | EJ-6-I   |
| 09:30 A.M. to 12:30 P.M.                 | 22657        | INDUSTRIAL ENGINEERING AND QUALITY CONTROL | ME-6-I   |
| <b>Date: 06-12-2023 Day: 5 Afternoon</b> |              |  |  |
| Time Slot                                | Subject Code | Subject Name                               | Scheme   |
| 02:00 P.M. to 05:00 P.M.                 | 22303        | MECHANICS OF STRUCTURES                    | CE-3-I, CE-3-G, CE-4-E, CE-4-C, CE-4-D, CE-2-A, CE-2-S, CE-2-R, CE-2-N, CE-2-O   |
| 02:00 P.M. to 05:00 P.M.                 | 22306        | STRENGTH OF MATERIALS                      | ME-3-I, ME-3-G, ME-3-E, ME-3-C, ME-2-A, ME-2-S, ME-2-R, ME-2-N, ME-2-O   |
| 02:00 P.M. to 05:00 P.M.                 | 22320        | DIGITAL TECHNIQUES                         | CO-3-I, EJ-3-I, AN-3-I, CO-3-G, EJ-3-G, IF-3-G, CO-3-E, IF-3-E, EJ-3-E, CO-3-C, IF-3-C, EJ-3-C, CO-2-A, IF-2-A, EJ-2-A, CO-2-S, IF-2-S, CO-2-R, CO-2-N |
| 02:00 P.M. to 05:00 P.M.                 | 22324        | ELECTRICAL CIRCUITS                        | EE-3-I, EE-3-G, EE-3-E, EE-3-C, EE-2-A   |
| <b>Date: 07-12-2023 Day: 6 Morning</b>   |              |  |  |
| Time Slot                                | Subject Code | Subject Name                               | Scheme   |
| 09:30 A.M. to 12:30 P.M.                 | 17428        | COMPUTER HARDWARE & MAINTENANCE            | CO-4-G, IF-4-G, IF-4-E, CO-4-E, IF-4-C, CO-4-C, IF-3-A, CO-3-A, IF-3-S, CO-3-S, CO-3-R, CO-3-N   |
| 09:30 A.M. to 12:30 P.M.                 | 17440        | ANALOG COMMUNICATION                       | EJ-4-G, EJ-4-E, EJ-4-C, EJ-2-A   |
| 09:30 A.M. to 01:30 P.M.                 | 22402        | THEORY OF STRUCTURES                       | CE-4-I, CE-4-G, CE-5-E, CE-5-C, CE-5-D, CE-3-A, CE-3-S, CE-3-R, CE-3-N, CE-3-O   |
| 09:30 A.M. to 12:30 P.M.                 | 22413        | SOFTWARE ENGINEERING                       | AN-4-I, CO-4-I, IF-4-I   |
| 09:30 A.M. to 12:30 P.M.                 | 22420        | INDUSTRIAL MEASUREMENT                     | EE-4-I, EE-4-G, EE-4-E, EE-4-C   |
| 09:30 A.M. to 12:30 P.M.                 | 22446        | MANUFACTURING PROCESSES                    | ME-4-I, ME-4-G, ME-4-E, ME-4-C, ME-2-R, ME-2-N, ME-2-O   |
| <b>Date: 08-12-2023 Day: 7 Morning</b>   |              |  |  |
| Time Slot                                | Subject Code | Subject Name                               | Scheme   |
| 09:30 A.M. to 12:30 P.M.                 | 22201        | APPLIED MATHEMATICS                        | CE-2-I, CE-2-G, CE-2-E, CE-2-C   |
| 09:30 A.M. to 12:30 P.M.                 | 22206        | APPLIED MATHEMATICS                        | ME-2-I, ME-2-G, ME-2-E, ME-2-C   |
| 09:30 A.M. to 12:30 P.M.                 | 22210        | APPLIED MATHEMATICS                        | EE-2-I, EJ-2-I, EE-2-G, EJ-2-G, EJ-2-E, EE-2-E, EJ-2-C, EE-2-C   |
| 09:30 A.M. to 12:30 P.M.                 | 22224        | APPLIED MATHEMATICS                        | IF-2-I, CO-2-I, AN-2-I, IF-2-G, CO-2-G, IF-2-E, CO-2-E, IF-2-C, CO-2-C   |
| <b>Date: 08-12-2023 Day: 7 Afternoon</b> |              |  |  |
| Time Slot                                | Subject Code | Subject Name                               | Scheme   |
| 02:00 P.M. to 05:00 P.M.                 | 17507        | INDUSTRY ELECTRICAL SYSTEMS-II             | EE-5-G, EE-5-E, EE-5-C, EE-3-A, EE-3-S, EE-3-R, EE-3-N, EE-3-O   |
| 02:00 P.M. to 05:00 P.M.                 | 17515        | JAVA PROGRAMMING                           | CO-5-G, IF-5-G, IF-5-E, CO-5-E, CO-5-C, IF-5-C, IF-3-A   |
| 02:00 P.M. to 05:00 P.M.                 | 17530        | METROLOGY AND QUALITY CONTROL              | ME-5-G, ME-5-E, ME-5-C, ME-3-A, ME-3-S, ME-3-R, ME-3-N, ME-3-O   |
| 02:00 P.M. to 05:00 P.M.                 | 17535        | DIGITAL COMMUNICATION                      | EJ-5-G, EJ-5-E, EJ-5-C, EJ-3-A   |
| 02:00 P.M. to 05:00 P.M.                 | 22503        | ESTIMATING, COSTING AND VALUATION          | CE-5-I, CE-5-G, CE-5-E, CE-5-C, CE-5-D, CE-3-A, CE-3-S, CE-3-R, CE-3-N, CE-3-O   |
| 02:00 P.M. to 05:00 P.M.                 | 22532        | EMBEDDED SYSTEMS                           | EJ-5-I   |
| <b>Date: 09-12-2023 Day: 8 Morning</b>   |              |  |  |
| Time Slot                                | Subject Code | Subject Name                               | Scheme   |

|                          |       |                                       |  |
|--------------------------|-------|---------------------------------------|--|
| 09:30 A.M. to 01:30 P.M. | 17604 | DESIGN OF R.C.C. STRUCTURES           | CE-6-G, CE-6-E, CE-6-C, CE-6-D                                 |
| 09:30 A.M. to 12:30 P.M. | 17630 | OBJECT ORIENTED MODELLING AND DESIGN  | IF-6-G, IF-6-E, IF-6-C, IF-3-A                                 |
| 09:30 A.M. to 12:30 P.M. | 17641 | ELEMNTS OF INDUSTRIAL AUTOMATION      | EE-6-G, EE-5-E, EE-5-C   |
| 09:30 A.M. to 12:30 P.M. | 17657 | MOBILE COMMUNICATION                  | EJ-6-G, EJ-6-E, EJ-6-C   |
| 09:30 A.M. to 12:30 P.M. | 22602 | MAINTENANCE AND REPAIRS OF STRUCTURES | CE-6-I   |
| 09:30 A.M. to 12:30 P.M. | 22627 | ELECTRICAL ESTIMATION AND CONTRACTING | EE-6-I   |
| 09:30 A.M. to 12:30 P.M. | 22655 | INDUSTRIAL HYDRAULICS AND PNEUMATICS  | ME-6-I, ME-6-G, ME-6-E, ME-6-C, ME-2-A, ME-2-S, ME-3-R, ME-2-M |

**Date: 09-12-2023 Day: 8 Afternoon**

| Time Slot                | Subject Code | Subject Name                                 | Scheme   |
|--------------------------|--------------|--|--|
| 02:00 P.M. to 06:00 P.M. | 17309        | BUILDING DRAWING                             | CE-3-G, CE-3-E, CE-3-C, CE-3-D, CE-2-A, CE-2-S, CE-2-R, CE-2-N, CE-2-O |
| 02:00 P.M. to 05:00 P.M. | 22301        | ADVANCED SURVEYING                           | CE-3-I   |
| 02:00 P.M. to 05:00 P.M. | 22310        | BASIC ELECTRICAL AND ELECTRONICS ENGINEERING | ME-3-I   |
| 02:00 P.M. to 05:00 P.M. | 22316        | OBJECT ORIENTED PROGRAMMING USING C++        | CO-3-I, IF-3-I   |
| 02:00 P.M. to 05:00 P.M. | 22328        | ELECTRICAL MATERIALS AND WIRING PRACTICE     | EE-3-I   |
| 02:00 P.M. to 05:00 P.M. | 22330        | ELECTRIC CIRCUITS AND NETWORKS               | EJ-3-I   |
| 02:00 P.M. to 05:00 P.M. | 22395        | DATA STRUCTURE USING PYTHON                  | AN-3-I   |

**Date: 11-12-2023 Day: 9 Morning**

| Time Slot                | Subject Code | Subject Name                                   | Scheme   |
|--------------------------|--------------|--|--|
| 09:30 A.M. to 12:30 P.M. | 17410        | THERMAL ENGINEERING                            | ME-4-G, ME-4-E, ME-4-C, ME-2-A, ME-2-S, ME-2-R, ME-2-N, ME-2-O   |
| 09:30 A.M. to 12:30 P.M. | 22404        | GEO-TECHNICAL ENGINEERING                      | CE-4-I, CE-4-G, CE-4-E, CE-4-C, CE-2-A, CE-2-S, CE-2-R, CE-2-N, CE-2-O   |
| 09:30 A.M. to 12:30 P.M. | 22414        | DATA COMMUNICATION AND COMPUTER NETWORK        | AN-4-I, CO-4-I, IF-4-G, CO-4-G, CO-4-E, IF-4-E, CO-4-C, IF-4-C, IF-2-A, CO-2-A, IF-3-A, IF-3-S, CO-2-S, IF-2-S, CO-2-R |
| 09:30 A.M. to 12:30 P.M. | 22416        | DATABASE MANAGEMENT                            | IF-4-I   |
| 09:30 A.M. to 12:30 P.M. | 22419        | ELECTRICAL POWER TRANSMISSION AND DISTRIBUTION | EE-4-I, EE-4-G, EE-4-E, EE-4-C, EE-2-A, EE-2-S, EE-2-R, EE-2-N, EE-2-O   |
| 09:30 A.M. to 12:30 P.M. | 22425        | CONSUMER ELECTRONICS                           | EJ-4-I   |

**Date: 11-12-2023 Day: 9 Afternoon**

| Time Slot                | Subject Code | Subject Name                   | Scheme   |
|--------------------------|--------------|--------------------------------|--|
| 02:00 P.M. to 05:00 P.M. | 22101        | ENGLISH                        | AN-1-I, CE-1-I, ME-1-I, CO-1-I, EE-1-I, IF-1-I, EJ-1-I, CE-1-G, ME-1-G, CO-1-G, EE-1-G, IF-1-G, EJ-1-G, CE-1-E, ME-1-E, EE-1-E, EJ-1-E, IF-1-E, CO-1-E, EJ-1-C, EE-1-C, IF-1-C, ME-1-C, CO-1-C, CE-1-C |
| 02:00 P.M. to 05:00 P.M. | 311303       | COMMUNICATION SKILLS (ENGLISH) | IF-1-K, EJ-1-K, CO-1-K, EE-1-K, CE-1-K, ME-1-K, AN-1-K   |

**Date: 12-12-2023 Day: 10 Morning**

| Time Slot                | Subject Code | Subject Name           | Scheme         |
|--------------------------|--------------|------------------------|----------------|
| 09:30 A.M. to 12:30 P.M. | 22204        | CONSTRUCTION MATERIALS | CE-2-I, CE-2-G |

|                          |       |                              |  |
|--------------------------|-------|------------------------------|--|
| 09:30 A.M. to 01:30 P.M. | 22207 | ENGINEERING DRAWING          | ME-2-I, ME-2-G, ME-2-E, ME-2-C, CE-1-A, ME-1-A, IF-1-S, CE-1-S, CO-1-S, ME-1-S, EE-1-S, CO-1-R, ME-1-R, EE-1-R, CE-1-R, CE-1-N, EE-1-N, ME-1-N, CO-1-N         |
| 09:30 A.M. to 12:30 P.M. | 22214 | BASIC MECHANICAL ENGINEERING | EE-2-I   |
| 09:30 A.M. to 12:30 P.M. | 22216 | BASIC ELECTRONICS            | EJ-2-I   |
| 09:30 A.M. to 12:30 P.M. | 22225 | BASIC ELECTRONICS            | AN-2-I, IF-2-I, CO-2-I, EJ-2-G, IF-2-G, CO-2-G, CO-2-E, IF-2-E, CO-2-C, IF-2-C, IF-1-A, CO-1-A, EJ-1-A, EJ-2-A, IF-1-S, CO-1-S, EE-2-R, CO-1-R, EE-2-N, EE-2-O |

**Date: 12-12-2023 Day: 10 Afternoon**

| Time Slot                | Subject Code | Subject Name  | Scheme                         |
|--------------------------|--------------|---|--------------------------------|
| 02:00 P.M. to 05:00 P.M. | 12160        | POWER PLANT ENGINEERING (ELECTIVE-I)                            | ME-5-E, ME-5-C                 |
| 02:00 P.M. to 05:00 P.M. | 12189        | INDUSTRIAL ELECTRONICS  | EJ-5-E, EJ-5-C                 |
| 02:00 P.M. to 05:00 P.M. | 17504        | CONCRETE TECHNOLOGY   | CE-5-G, CE-3-E, CE-3-C, CE-3-D |
| 02:00 P.M. to 05:00 P.M. | 17514        | COMPUTER SECURITY   | CO-5-G, CO-5-E, CO-5-C         |
| 02:00 P.M. to 05:00 P.M. | 17518        | INFORMATION SECURITY  | IF-5-G                         |
| 02:00 P.M. to 05:00 P.M. | 22519        | CLIENT SIDE SCRIPTING LANGUAGE                                  | AN-5-I, IF-5-I, CO-5-I         |
| 02:00 P.M. to 05:00 P.M. | 22520        | ADVANCED COMPUTER NETWORK (ELECTIVE-I)                          | IF-5-I, CO-5-I                 |
| 02:00 P.M. to 05:00 P.M. | 22522        | OPEN SOURCE OPERATING SYSTEMS & SCRIPTING LANGUAGE (ELECTIVE-I) | IF-5-I                         |
| 02:00 P.M. to 05:00 P.M. | 22525        | ENERGY CONSERVATION AND AUDIT                                   | EE-5-I, EE-5-G, EE-5-E, EE-5-C |
| 02:00 P.M. to 05:00 P.M. | 22534        | INDUSTRIAL AUTOMATION   | EJ-5-I                         |
| 02:00 P.M. to 05:00 P.M. | 22535        | MICROWAVE AND RADAR   | EJ-5-I                         |

**Date: 13-12-2023 Day: 11 Morning**

| Time Slot                | Subject Code | Subject Name                                | Scheme                 |
|--------------------------|--------------|---|------------------------|
| 09:30 A.M. to 12:30 P.M. | 17611        | RENEWABLE ENERGY SOURCES & MANAGEMENT       | ME-6-G, ME-6-E, ME-6-C |
| 09:30 A.M. to 12:30 P.M. | 17624        | SOFTWARE TESTING                            | CO-6-G, CO-6-E, CO-6-C |
| 09:30 A.M. to 12:30 P.M. | 22604        | BUILDING SERVICES                           | CE-6-I                 |
| 09:30 A.M. to 12:30 P.M. | 22605        | SOLID WASTE MANAGEMENT                      | CE-6-I, CE-6-G         |
| 09:30 A.M. to 12:30 P.M. | 22606        | EARTHQUAKE RESISTANT BUILDINGS              | CE-6-I                 |
| 09:30 A.M. to 01:30 P.M. | 22607        | ADVANCED DESIGN OF STRUCTURES               | CE-6-I                 |
| 09:30 A.M. to 12:30 P.M. | 22619        | WEB BASED APPLICATION DEVELOPMENT USING PHP | CO-6-I, IF-6-I         |
| 09:30 A.M. to 12:30 P.M. | 22620        | NETWORK AND INFORMATION SECURITY            | CO-6-I, IF-6-I         |
| 09:30 A.M. to 12:30 P.M. | 22621        | DATA WAREHOUSING WITH MINING TECHNIQUES     | CO-6-I                 |
| 09:30 A.M. to 12:30 P.M. | 22639        | VERY LARGE SCALE INTEGRATION                | EJ-6-G, EJ-6-E, EJ-6-C |

**Date: 13-12-2023 Day: 11 Afternoon**

| Time Slot                | Subject Code | Subject Name                   | Scheme   |
|--------------------------|--------------|--------------------------------|--|
| 02:00 P.M. to 05:00 P.M. | 17310        | SURVEYING                      | CE-3-G, CE-3-E, CE-3-C, CE-3-D, CE-2-A, CE-2-S, CE-2-R, CE-2-N, CE-2-O |
| 02:00 P.M. to 05:00 P.M. | 17321        | BASIC ELECTRONICS (ELECTRICAL) | EE-3-G, EE-2-A, EE-2-S, EE-3-R, EE-3-N, EE-2-O, EE-3-O                 |

|                          |       |                                       |  |
|--------------------------|-------|---------------------------------------|--|
| 02:00 P.M. to 05:00 P.M. | 22302 | HIGHWAY ENGINEERING                   | CE-3-I   |
| 02:00 P.M. to 05:00 P.M. | 22318 | COMPUTER GRAPHICS                     | CO-3-I   |
| 02:00 P.M. to 05:00 P.M. | 22323 | DIGITAL TECHNIQUES AND MICROPROCESSOR | IF-3-I   |
| 02:00 P.M. to 05:00 P.M. | 22329 | APPLIED ELECTRONICS                   | EJ-3-I, EJ-3-G, EJ-3-E, EE-3-E, EE-3-C, EJ-3-C, EJ-2-A |
| 02:00 P.M. to 05:00 P.M. | 22396 | DATA STORY TELLING AND VISUALIZATION  | AN-3-I   |

**Date: 14-12-2023 Day: 12 Morning**

| Time Slot                | Subject Code | Subject Name  | Scheme   |
|--------------------------|--------------|---|--|
| 09:30 A.M. to 12:30 P.M. | 17404        | ELECTRICAL ENGINEERING                              | ME-4-G, ME-3-E, ME-3-C   |
| 09:30 A.M. to 11:30 A.M. | 17413        | ELEMENTS OF MECHANICAL ENGINEERING                  | EE-4-G   |
| 09:30 A.M. to 12:30 P.M. | 22403        | RAILWAY AND BRIDGE ENGINEERING                      | CE-4-I, CE-4-G, CE-4-E, CE-4-C, CE-2-A, CE-2-S, CE-2-R, CE-2-N, CE-2-O   |
| 09:30 A.M. to 12:30 P.M. | 22415        | MICROPROCESSORS                                     | AN-4-I, CO-4-I, CO-4-G, IF-4-G, IF-4-E, CO-4-E, IF-4-C, CO-4-C, CO-3-A, CO-2-A, CO-3-S, IF-2-S, CO-2-S, CO-3-R, CO-2-R, CO-2-N |
| 09:30 A.M. to 12:30 P.M. | 22417        | COMPUTER NETWORK                                    | IF-4-I   |
| 09:30 A.M. to 12:30 P.M. | 22421        | DIGITAL ELECTRONICS AND MICROCONTROLLER APPLICATION | EE-4-I   |
| 09:30 A.M. to 12:30 P.M. | 22428        | DIGITAL COMMUNICATION SYSTEMS                       | EJ-4-I   |
| 09:30 A.M. to 12:30 P.M. | 22443        | MECHANICAL ENGINEERING MEASUREMENTS                 | ME-4-I   |

**Date: 14-12-2023 Day: 12 Afternoon**

| Time Slot                | Subject Code | Subject Name      | Scheme   |
|--------------------------|--------------|-------------------|--|
| 02:00 P.M. to 05:00 P.M. | 22103        | BASIC MATHEMATICS | IF-1-I, AN-1-I, ME-1-I, CO-1-I, CE-1-I, EJ-1-I, EE-1-I, CE-1-G, EJ-1-G, IF-1-G, EE-1-G, CO-1-G, ME-1-G, CO-1-E, EE-1-E, EJ-1-E, ME-1-E, IF-1-E, CE-1-E, EE-1-C, ME-1-C, EJ-1-C, CE-1-C, IF-1-C, CO-1-C, IF-1-A, CE-1-A, EJ-1-A, ME-1-A, EE-1-A, CO-1-A, IF-1-S, ME-1-S, EE-1-S, CO-1-S, CE-1-S, EE-1-R, CO-1-R, CE-1-R, ME-1-R, CO-1-N, EE-1-N, CE-1-N, ME-1-N |
| 02:00 P.M. to 05:00 P.M. | 311302       | BASIC MATHEMATICS | ME-1-K, AN-1-K, CE-1-K, EE-1-K, EJ-1-K, CO-1-K, IF-1-K   |

**Date: 15-12-2023 Day: 13 Morning**

| Time Slot                | Subject Code | Subject Name                           | Scheme   |
|--------------------------|--------------|--|--|
| 09:30 A.M. to 12:30 P.M. | 22205        | BASIC SURVEYING                        | CE-2-I   |
| 09:30 A.M. to 12:30 P.M. | 22212        | FUNDAMENTALS OF ELECTRICAL ENGINEERING | EE-2-I, EE-2-G, EE-2-E, EE-2-C, EE-1-A, EE-1-S, EE-1-M |
| 09:30 A.M. to 12:30 P.M. | 22218        | C PROGRAMMING LANGUAGE                 | EJ-2-I   |

**Date: 15-12-2023 Day: 13 Afternoon**

| Time Slot                | Subject Code | Subject Name                       | Scheme   |
|--------------------------|--------------|------------------------------------|--|
| 02:00 P.M. to 06:00 P.M. | 12140        | DESIGN OF STEEL STRUCTURES         | CE-5-E, CE-5-C, CE-5-D                         |
| 02:00 P.M. to 05:00 P.M. | 12182        | WINDOWS PROGRAMMING (ELECTIVE - I) | CO-5-E, IF-5-E, CO-5-C, IF-5-C                 |
| 02:00 P.M. to 06:00 P.M. | 17505        | DESIGN OF STEEL STRUCTURES         | CE-5-G, CE-3-A, CE-3-S, CE-3-R, CE-3-N, CE-3-O |
| 02:00 P.M. to 05:00 P.M. | 17526        | AUTOMOBILE ENGINEERING             | ME-5-G, ME-5-E, ME-5-C, ME-3-A, ME-3-S         |
| 02:00 P.M. to 05:00 P.M. | 17537        | AUDIO VIDEO ENGINEERING            | EJ-5-G, EJ-5-E, EJ-5-C, EJ-3-A                 |

|                          |       |  |        |
|--------------------------|-------|--|--------|
| 02:00 P.M. to 05:00 P.M. | 22505 | RURAL DEVELOPMENT (ELECTIVE-I)                             | CE-5-I |
| 02:00 P.M. to 05:00 P.M. | 22506 | ENERGY CONSERVATION AND GREEN BUILDING (ELECTIVE-I)        | CE-5-I |
| 02:00 P.M. to 05:00 P.M. | 22507 | TRAFFIC ENGINEERING (ELECTIVE-I)                           | CE-5-I |
| 02:00 P.M. to 05:00 P.M. | 22508 | PRECAST AND PRE-STRESSED CONCRETE (ELECTIVE-I)             | CE-5-I |
| 02:00 P.M. to 05:00 P.M. | 22526 | ELEMENTS OF INDUSTRIAL AUTOMATION (ELECTIVE-I)             | EE-5-I |
| 02:00 P.M. to 05:00 P.M. | 22527 | POWER ELECTRONICS APPLICATION (ELECTIVE-I)                 | EE-5-I |
| 02:00 P.M. to 05:00 P.M. | 22528 | WIND POWER TECHNOLOGIES (ELECTIVE-I)                       | EE-5-I |
| 02:00 P.M. to 05:00 P.M. | 22529 | POWER SYSTEM ANALYSIS (ELECTIVE-I)                         | EE-5-I |
| 02:00 P.M. to 05:00 P.M. | 22530 | ILLUMINATION AND ELECTRIFICATION OF BUILDINGS (ELECTIVE-I) | EE-5-I |
| 02:00 P.M. to 05:00 P.M. | 22565 | TOOL ENGINEERING (ELECTIVE-I)                              | ME-5-I |
| 02:00 P.M. to 05:00 P.M. | 22566 | POWER PLANT ENGINEERING (ELECTIVE-I)                       | ME-5-I |
| 02:00 P.M. to 05:00 P.M. | 22593 | FUNDAMENTAL AI & ML ALGORITHMS                             | AN-5-I |

**Date: 16-12-2023 Day: 14 Morning**

| Time Slot                | Subject Code | Subject Name   | Scheme   |
|--------------------------|--------------|--|--|
| 09:30 A.M. to 12:30 P.M. | 12223        | ADVANCED CONSTRUCTION TECHNIQUES & EQUIPMENTS (ELECTIVE) | CE-6-E, CE-6-C, CE-6-D   |
| 09:30 A.M. to 12:30 P.M. | 17627        | ADVANCED MICROPROCESSOR                                  | CO-6-G, CO-5-E, CO-5-C   |
| 09:30 A.M. to 12:30 P.M. | 22629        | INDUSTRIAL DRIVES AND CONTROL (EE/EU)                    | EE-6-I   |
| 09:30 A.M. to 12:30 P.M. | 22633        | ELECTRIC SUBSTATION PRACTICES (EE/EP/EU)                 | EE-6-I, EE-6-G, EE-6-E, EE-6-C                                 |
| 09:30 A.M. to 12:30 P.M. | 22643        | MECHATRONICS   | EJ-6-I, EJ-6-G   |
| 09:30 A.M. to 12:30 P.M. | 22647        | OPTICAL NETWORKS AND SATELLITE COMMUNICATION             | EJ-6-I   |
| 09:30 A.M. to 12:30 P.M. | 22658        | COMPUTER INTEGRATED MANUFACTURING                        | ME-6-I   |
| 09:30 A.M. to 12:30 P.M. | 22660        | REFRIGERATION AND AIR CONDITIONING                       | ME-6-I, ME-6-G, ME-6-E, ME-6-C, ME-3-A, ME-3-R, ME-3-N, ME-3-O |
| 09:30 A.M. to 12:30 P.M. | 22661        | RENEWABLE ENERGY TECHNOLOGY                              | ME-6-I   |

**Date: 16-12-2023 Day: 14 Afternoon**

| Time Slot                | Subject Code | Subject Name                | Scheme   |
|--------------------------|--------------|-----------------------------|--|
| 02:00 P.M. to 05:00 P.M. | 12070        | INDUSTRIAL MEASUREMENT      | EJ-3-E, EJ-3-C   |
| 02:00 P.M. to 05:00 P.M. | 17331        | ELECTRICAL TECHNOLOGY       | IF-3-G, CO-3-G, IF-2-E, CO-2-E, IF-2-C, CO-2-C, IF-1-A, CO-1-A, IF-1-S, CO-1-S, CO-1-R, CO-2-N |
| 02:00 P.M. to 05:00 P.M. | 22304        | BUILDING CONSTRUCTION       | CE-3-I, CE-3-G, CE-3-E, CE-3-C, CE-3-D, CE-2-A, CE-2-S, CE-2-R, CE-2-N, CE-2-O                 |
| 02:00 P.M. to 05:00 P.M. | 22322        | DATA COMMUNICATION          | IF-3-I   |
| 02:00 P.M. to 05:00 P.M. | 22327        | ELECTRICAL POWER GENERATION | EE-3-I, EE-3-G, EE-3-E, EE-3-C   |

| 02:00 P.M. to 05:00 P.M.                  | 22334        | PRINCIPLES OF ELECTRONIC COMMUNICATION    | EJ-3-I   |
|---|--------------|---|--|
| 02:00 P.M. to 05:00 P.M.                  | 22342        | ENGINEERING METROLOGY                     | ME-3-I   |
| 02:00 P.M. to 05:00 P.M.                  | 22397        | MATHEMATICS FOR MACHINE LEARNING - I      | AN-3-I   |
| <b>Date: 18-12-2023 Day: 15 Morning</b>   |              |   |  |
| Time Slot                                 | Subject Code | Subject Name                              | Scheme   |
| 09:30 A.M. to 12:30 P.M.                  | 17416        | INDUSTRY ELECTRICAL SYSTEMS-I             | EE-4-G, EE-4-E, EE-4-C, EE-3-A, EE-3-S, EE-3-R, EE-3-N, EE-3-O   |
| 09:30 A.M. to 12:30 P.M.                  | 17419        | ADVANCED SURVEYING                        | CE-4-G, CE-4-E, CE-4-C   |
| 09:30 A.M. to 12:30 P.M.                  | 17432        | OBJECT ORIENTED PROGRAMMING               | CO-4-G, IF-4-G, IF-3-E, CO-3-E, IF-3-C, CO-3-C, CO-2-A, IF-2-A, IF-2-S, IF-3-S, CO-2-S, CO-3-S, CO-2-R, CO-3-R |
| 09:30 A.M. to 01:30 P.M.                  | 22405        | BUILDING PLANNING AND DRAWING             | CE-4-I   |
| 09:30 A.M. to 12:30 P.M.                  | 22427        | BASIC POWER ELECTRONICS                   | EJ-4-I, EJ-4-G, EJ-3-A   |
| 09:30 A.M. to 12:30 P.M.                  | 22480        | MATHEMATICS FOR MACHINE LEARNING - II     | AN-4-I   |
| <b>Date: 18-12-2023 Day: 15 Afternoon</b> |              |   |  |
| Time Slot                                 | Subject Code | Subject Name                              | Scheme   |
| 02:00 P.M. to 05:00 P.M.                  | 17519        | COMMUNICATION TECHNOLOGY                  | IF-5-G, IF-5-E, IF-5-C, IF-2-A, IF-2-S   |
| 02:00 P.M. to 05:00 P.M.                  | 17528        | MEASUREMENT & CONTROL                     | ME-5-G, ME-5-E, ME-5-C, ME-3-A, ME-3-S   |
| <b>Date: 19-12-2023 Day: 16 Morning</b>   |              |   |  |
| Time Slot                                 | Subject Code | Subject Name                              | Scheme   |
| 09:30 A.M. to 12:30 P.M.                  | 17424        | ELECTRICAL TECHNOLOGY APPLIED ELECTRONICS | ME-2-A, ME-2-S, ME-2-R, ME-2-N, ME-2-O   |
| 09:30 A.M. to 12:30 P.M.                  | 22215        | ELEMENTS OF ELECTRICAL ENGINEERING        | CO-2-I, IF-2-I, EJ-2-I, AN-2-I   |
| <b>Date: 19-12-2023 Day: 16 Afternoon</b> |              |   |  |
| Time Slot                                 | Subject Code | Subject Name                              | Scheme   |
| 02:00 P.M. to 05:00 P.M.                  | 17509        | MICROCONTROLLER AND APPLICATION           | EE-5-G, EE-6-E, EE-6-C, EE-3-A   |
| 02:00 P.M. to 05:00 P.M.                  | 22504        | PUBLIC HEALTH ENGINEERING                 | CE-5-I, CE-5-G, CE-6-E, CE-6-C, CE-6-D, CE-3-A, CE-3-S, CE-3-R, CE-3-N, CE-3-O                                 |
| 02:00 P.M. to 05:00 P.M.                  | 22518        | SOFTWARE TESTING                          | CO-5-I   |
| 02:00 P.M. to 05:00 P.M.                  | 22562        | POWER ENGINEERING AND REFRIGERATION       | ME-5-I, ME-5-G, ME-5-E, ME-5-C   |
| 02:00 P.M. to 05:00 P.M.                  | 22594        | CLOUD COMPUTING FOR DATA SCIENCE          | AN-5-I   |
| <b>Date: 20-12-2023 Day: 17 Morning</b>   |              |   |  |
| Time Slot                                 | Subject Code | Subject Name                              | Scheme   |
| 09:30 A.M. to 12:30 P.M.                  | 12261        | ADVANCED WEB TECHNOLOGY (ELECTIVE-II)     | CO-6-E, IF-6-E, CO-6-C, IF-6-C   |
| 09:30 A.M. to 12:30 P.M.                  | 17602        | HIGHWAY ENGINEERING                       | CE-6-G, CE-5-E, CE-5-C, CE-5-D   |
| 09:30 A.M. to 12:30 P.M.                  | 17639        | ILLUMINATION ENGINEERING                  | EE-6-G, EE-5-E, EE-5-C   |
| 09:30 A.M. to 12:30 P.M.                  | 17656        | ADVANCED COMMUNICATION SYSTEMS            | EJ-6-G, EJ-6-E, EJ-6-C, EJ-3-A   |
| 09:30 A.M. to 12:30 P.M.                  | 22438        | THEORY OF MACHINES                        | ME-4-I, ME-4-G, ME-4-E, ME-4-C, ME-2-A, ME-2-R, ME-2-M, ME-2-N, ME-3-O   |
| 09:30 A.M. to 12:30 P.M.                  | 22632        | ELECTRICAL MATERIALS AND                  | EE-2-A, EE-2-S, EE-2-R, EE-2-N   |

| WIRING                             |              |   |  |
|------------------------------------|--------------|---|--|
| Date: 20-12-2023 Day: 17 Afternoon |              |   |  |
| Time Slot                          | Subject Code | Subject Name                                | Scheme   |
| 02:00 P.M. to 05:00 P.M.           | 22317        | DATA STRUCTURE USING 'C'                    | CO-3-I, IF-3-I, CO-3-G, IF-3-G, CO-4-E, IF-4-E, IF-4-C, CO-4-C   |
| 02:00 P.M. to 05:00 P.M.           | 22326        | FUNDAMENTALS OF POWER ELECTRONICS           | EE-3-I   |
| 02:00 P.M. to 05:00 P.M.           | 22333        | ELECTRONIC MEASUREMENTS AND INSTRUMENTATION | EJ-3-I, EJ-3-G, EJ-2-A, CO-3-S, CO-3-R   |
| 02:00 P.M. to 06:00 P.M.           | 22341        | MECHANICAL WORKING DRAWING                  | ME-3-I, ME-3-G, ME-3-E, ME-3-C, ME-2-A, ME-2-S, ME-2-R, ME-2-N, ME-2-O   |
| Date: 21-12-2023 Day: 18 Morning   |              |   |  |
| Time Slot                          | Subject Code | Subject Name                                | Scheme   |
| 09:30 A.M. to 12:30 P.M.           | 12090        | FUNDAMENTALS OF ELECTRONICS                 | ME-4-E, ME-4-C   |
| 09:30 A.M. to 12:30 P.M.           | 12106        | APPLIED ELECTRONICS                         | EJ-4-E, EE-4-E, EJ-4-C, EE-4-C   |
| 09:30 A.M. to 12:30 P.M.           | 17434        | INDUSTRIAL MEASUREMENTS                     | EJ-4-G   |
| 09:30 A.M. to 12:30 P.M.           | 22426        | MICROCONTROLLER AND APPLICATIONS            | EJ-4-I   |
| Date: 21-12-2023 Day: 18 Afternoon |              |   |  |
| Time Slot                          | Subject Code | Subject Name                                | Scheme   |
| 02:00 P.M. to 05:00 P.M.           | 17301        | APPLIED MATHEMATICS                         | IF-3-G, ME-3-G, EE-3-G, EJ-3-G, CO-3-G, CE-3-G, CE-3-E, EJ-3-E, EE-3-E, IF-3-E, ME-3-E, CO-3-E, ME-3-C, EE-3-C, IF-3-C, CO-3-C, CE-3-C, EJ-3-C, CE-3-D, ME-2-A, EE-2-A, CE-2-A, EJ-2-A, IF-2-A, CO-2-A, IF-2-S, CO-2-S, ME-2-S, EE-2-S, CE-2-S, CE-2-R, ME-2-R, CO-2-R, EE-2-R, CO-2-N, EE-2-N, ME-2-N, CE-2-N, EE-2-O, ME-2-O, CE-2-O |

#### Important Instructions for Winter 2023 Exam

- 1. The Exam Day & Date wise Final Time Table for Winter 2023 Theory Examination is displayed on MSBTE portal for the information of students, institutes and all concerned.**
- 2. The duration of the Winter 2023 Theory Examination is 18 days..**
- 3. All students belonging to old schemes shall note that the theory examination shall be as per the paper codes which are offered as equivalent to the courses in old schemes & indicated on their hall ticket.**
- 4. Examination of different semesters /year scheduled on the same day but in different slots shall not be considered as a clash.**