# PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

**NAAC Accredited-2015**
'B' Grade (CGPA 2.62)

**EXAM OF 2020**

**SEMESTER PATTERN EXAMINATION**

**FINAL PROGRAM OF THE BACHELOR OF TECHNOLOGY (M.TECH.) EXAMINATIONS IN THE BRANCHES**

**OCT/NOV.2020 EXAMINATION TO BE HELD IN MAY-2021**

**[1] CIVIL STRUCTURAL ENGINEERING**   **[2] MECHANICAL DESIGN ENGINEERING**   **[3] ELECTRONICS  ENGINEERING**

**[4] ELECTRONICS & TELE-COMM. ENGG**   **[5] COMPUTER SCIENCE & ENGG**

1.  We will conduct the semester I & II exam for the students.

2. The Time for the exam is one hour (1 hrs ) only.

3.  The theory examination will be conducted online mode which will be held at home/ designated  places.

4.  All the student are here by informed that the time slot given in the time table shows 2 hrs for each day. But you will get 1 hrs to solve the paper. If any student has two  paper in one day that  time he will be solving two papers within 2 hours.

## [1] Civil – (Structures Engineering)

| Day & Date | Sr. No. | F.Y. (M.Tech.) Sem – I (New w.e.f. June 2018) (CBCS PATTERN JUNE-2018) Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot) |
|---|---|---|
| Monday 17/05/2021 | 1 | Advanced structural analysis (70710101) |
| Tuesday 18/05/2021 | 2 | Advanced solid Mechanics (70710102 ) |
| Wednesday 19/05/2021 | 3 | Structural dynamics (70710103) |
| Thursday 20/05/2021 | 4 | Research Methodology and IPR© (70710104) |
| Friday 21/05/2021 | 5 6 7 8 | **Elective - I** 1.Advanced Design of Concrete Structures (70710106) 2.Design of Formwork (70710107 ) 3.Advanced Design of Foundation (70710108) 4. Structural Optimization (70710109) |

| Day & Date | Sr. No. | F.Y. (M.Tech.) Sem – II (New w.e.f. Nov. 2018) (CBCS PATTERN JUNE-2018) Time: 03:00 p.m. to 05:00 p.m (only 1 hours out of this slot) |
|---|---|---|
| Sunday 09/05/2021 | 9 | FEM in structural Engineering (70710201) |
| Monday 10/05/2021 | 10 | Theory of plates and shells (70710202) |
| Tuesday 11/05/2021 | 11 | Seismic design of multistoried buildings (70710203) |
| Wednesday 12/05/2021 | 12 13 14 15 | **Elective - II** 1.Design of Prestressed Concrete Structures (70710206) 2.Structural Audits (70710207) 3.Concrete Composites (70710208) 4. Design of Industrial Structures (70710209) |
| Saturday 15/05/2021 | 16 17 18 19 | **Elective - III** 1.Theory of Structural Stability (70710210) 2.Design of RCC Bridges (70710211) 3.Advanced Steel Design (70710212) 4. Soil Structure Interaction (70710213) |

## [2] Mechanical – (Design Engineering)

| Day & Date | Sr. No. | F.Y. (M.Tech.) Sem – I (New w.e.f. June 2018) **(CBCS PATTERN JUNE-2018)** Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot) |
|---|---|---|
| Monday 17/05/2021 | 20 | Advanced stress analysis (7072101) |
| Tuesday 18/05/2021 | 21 | Advanced Vibrations and Acoustics (7072102) |
| Wednesday 19/05/2021 | 22 | Industrial Instrumentation (7072103 ) |
| Thursday 20/05/2021 | 23 | Research Methodology and IPR© (7072104) |
| Friday 21/05/2021 | 24 25 26 27 | **Elective - I** 1.Computational Techniques in Design Engineering (7072106 ) 2.Reliability Engineering (7072107 ) 3.Mechanical System Design (7072108 ) 4. Computer Aided Design (7072109 ) |

| Day & Date | Sr. No. | F.Y. (M.Tech.) Sem – II (Neww.e.f. Nov. 2018) **(CBCS PATTERN JUNE-2018)** Time: 03:00 p.m. to 05:00 p.m (only 1 hours out of this slot) |
|---|---|---|
| Sunday 09/05/2021 | 28 | Finite Element Method (7072201) |
| Monday 10/05/2021 | 29 | Advanced Design Engineering (7072202 ) |
| Tuesday 11/05/2021 | 30 | Industrial Product Design (7072203 ) |
| Wednesday 12/05/2021 | 31 32 33 34 | **Elective - II** 1.Theory and Analysis of Composite Materials (7072206 ) 2.Engineering Design Optimization (7072207) 3.Industrial Tribology (7072208) 4. Advanced Engineering Materials (7072209) |
| Saturday 15/05/2021 | 35 36 37 38 | **Elective - III** 1.Engineering Fracture Mechanics (7072210 ) 2.Project Management (7072211) 3.Design for Manufacture and Assembly (7072212 ) 4. Analysis and Synthesis of Mechanisms and Machine (7072213) |

## [3] Electronics Engineering

| Day & Date | Sr. No. | F.Y. (M.Tech.) Sem – I (New w.e.f. June 2018)<br>(CBCS PATTERN JUNE-2018)<br>Time: 10:00 a.m. to 12:00 p.m.<br>(only 1 hours out of this slot) |
|---|---|---|
| Monday<br>17/05/2021 | 39 | Digital Design and Verification (7078101 ) |
| Tuesday<br>18/05/2021 | 40 | Advanced Digital Signal Processing (7078102 ) |
| Wednesday<br>19/05/2021 | 41 | Voice and Data Networks (7078103) |
| Thursday<br>20/05/2021 | 42 | Machine Learning© (7078104) |
| Friday<br>21/05/2021 | 43<br>44<br>45<br>46 | **Elective - I**<br>**1**.Wireless Sensor Networks (7078106)<br>2.Analog & Digital CMOS VLSI Design (7078107 )<br>3.Image and Video Processing (7078108 )<br>4. Neural Networks & Fuzzy Control Systems (7078109 ) |

| Day & Date | Sr. No. | F.Y. (M.Tech.) Sem – II (New w.e.f. Nov. 2018)<br>(CBCS PATTERN JUNE-2018)<br>Time: 03:00 p.m. to 05:00 p.m<br>(only 1 hours out of this slot) |
|---|---|---|
| Sunday<br>09/05/2021 | 47 | Research Methodology & IPR© (7078201 ) |
| Monday<br>10/05/2021 | 48 | Communication Buses & Interfaces (7078202) |
| Tuesday<br>11/05/2021 | 49 | Advanced IOT (7078203 ) |
| Wednesday<br>12/05/2021 | 50 | PLC, SCADA and Distributed Control Systems (7078204 ) |
| Saturday<br>15/05/2021 | 51<br>52<br>53<br>54 | **Elective - II**<br>1.Mobile Technology (7078206 )<br>2.Real Time Systems (7078207 )<br>3.VLSI in Signal Processing (7078208)<br>4. Advanced Control Systems (7078209) |

## [4] Electronics & Telecommunication Engineering

| Day & Date | Sr. No. | F.Y. (M.Tech.) Sem – I (New w.e.f. June 2018) (CBCS PATTERN JUNE-2018) Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot) |
|---|---|---|
| Monday 17/05/2021 | 55 | Research Methodology & IPR (7076101 ) |
| Tuesday 18/05/2021 | 56 | Antenna Design and Application (7076102) |
| Wednesday 19/05/2021 | 57 | Soft Computing Methods (7076103) |
| Thursday 20/05/2021 | 58 | Advanced Network System (7076104 ) |
| Friday 21/05/2021 | 59 60 61 | **Elective - I** <br> **1.**Biomedical Signal Processing (7076106 ) <br> 2.Advanced Embedded System (7076107) <br> 3.Automotive Electronics (7076108) |

| Day & Date | Sr. No. | F.Y. (M.Tech.) Sem – II (New w.e.f. Nov. 2018) (CBCS PATTERN JUNE-2018) Time: 03:00 p.m. to 05:00 p.m (only 1 hours out of this slot) |
|---|---|---|
| Sunday 09/05/2021 | 62 | Advanced Internet of Things (7076201) |
| Monday 10/05/2021 | 63 | RF Circuit Design (7076202 ) |
| Tuesday 11/05/2021 | 64 | Artificial Intelligence & Machine Learning (7076203) |
| Wednesday 12/05/2021 | 65 | Cryptography and Network Security (7076204) |
| Saturday 15/05/2021 | 66 67 68 | **Elective - II** <br> 1.Communication System Design (7076206 ) <br> 2.Multimedia Processing (7076207 ) <br> 3.Automation and Industrial Robotics (7076208 ) |

## [5] Computer Science & Engineering

| Day & Date | Sr. No. | F.Y. (M.Tech.) Sem – I (New w.e.f. June 2018) (CBCS PATTERN JUNE-2018) Time: 10:00 a.m. to 12:00 p.m. (only 1 hours out of this slot) |
|---|---|---|
| Monday 17/05/2021 | 69 | Applied Algorithms (7079101 ) |
| Tuesday 18/05/2021 | 70 | Theory of Computation (7079102 ) |
| Wednesday 19/05/2021 | 71 | Data Mining (7079103 ) |
| Thursday 20/05/2021 | 72 | Machine Learning© (7079104 ) |
| Friday 21/05/2021 | 73 74 75 76 | **Elective - I** 1.Natural Language Processing (7079106 ) 2.Soft Computing (7079107) 3.Computer Vision (7079108 ) 4. Object Oriented Software Engineering (7079109) |

| Day & Date | Sr. No. | F.Y. (M.Tech.) Sem – II (New w.e.f. Nov. 2018) (CBCS PATTERN JUNE-2018) Time: 03:00 p.m. to 05:00 p.m (only 1 hours out of this slot) |
|---|---|---|
| Sunday 09/05/2021 | 77 | Research Methodology & IPR© (7079201 ) |
| Monday 10/05/2021 | 78 | Internet of Things (7079202 ) |
| Tuesday 11/05/2021 | 79 | Internet Routing Algorithm (7079203) |
| Wednesday 12/05/2021 | 80 81 82 83 | **Elective - II** 1.Reinforcement Learning (7079205 ) 2.Advanced Cloud Computing (7079206 ) 3.High Performance Computing (7079207 ) 4. Software Defined Network (7079208 ) |
| Saturday 15/05/2021 | 84 85 86 87 | **Elective - III** 1.Wireless Sensor Network (7079209 ) 2.Infrastructure Management (7079210 ) 3.Real Time Operating System (7079211 ) 4. Advances in Database Systems (7079212 ) |

**Please visit -**http://su.digitaluniversity.ac
**Ref No.: PAHSUS/EXAM/TIME-TABLE/2021/455**
**Date    :  26/04/2021**

Sd/-
**I/C Director**
Board of Examinations and Evaluation