PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

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

EXAM OF 2022
SEMESTER PATTERN EXAMINATION

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

OCT/NOV.-2022 EXAMINATION TO BE HELD IN MAR-2023

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

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

1. Candidates are requested to be present at their respective places of Examinations FIFTEEN MINUTES before the time starting of the first paper and TEN MINUTES before the time starting of each subsequent paper. They are forbidden to take any book or paper into the Examination Hall.

2. **Important Note:** Code Numbers given in the Bracket are Computer Code of respective Subjects, Students should mention these Code Numbers on Answer Books with Name of the Subject. Also write these Code Numbers on JSR (Junior Supervisor Report) and related documents.

3. All the Candidates are asked to follow the timely instructions given by University in accordance with the examinations methodology.

4. As per the Rights of Person with Disabilities Act-2016 the persons with Disabilities are given 20 minutes extra for one per hour for the Online/Offline exam. (केंद्र शासनाच्या अपंग व्यक्ती अधिकार अधिनियम २०१६ मधील तरतूदीनुसार अपंग विद्यार्थ्यांना ऑनलाईन व ऑफलाईन परीक्षेमध्ये सर्वसाधरण विद्यार्थ्यापेक्षा १ तासाला कमीत कमी २० मिनीट इतका वेळ वाढवून देण्यास सर्वानुमते मान्यता देण्यात आली.)

The Center & Place of the Examinations will be as under.

Sr. No.	Centre Name	College Abbreviation	College Name
1	Solapur	WIT	Walchand Institute of Technology
2		BMIT	Brahmdevdada Mane Institute of Technology
3		NBNSCOE	N.B.Navale Sinhgad College of Engg., Kegaon
4	Pandharpur	COEP	SVERI College of Engineering, Pandharpur
5		SCOEK	S.K.N. Sinhgad College of Engg. Korti

[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: 9:00 a.m. to 1:00 p.m
Monday 20/03/2023	1	Advanced structural analysis (70710101)
Tuesday 21/03/2023	2	Advanced solid Mechanics (70710102)
Thursday 23/03/2023	3	Structural dynamics (70710103)
Friday 24/03/2023	4	Research Methodology and IPR© (70710104)
Saturday 25/03/2023	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: 2:00 p.m. to 6:00 p.m
Monday 20/03/2023	9	FEM in structural Engineering (70710201)
Tuesday 21/03/2023	10	Theory of plates and shells (70710202)
Thursday 23/03/2023	11	Seismic design of multistoried buildings (70710203)
Friday 24/03/2023	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 25/03/2023	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)

Day & Date	Sr. No.	S.Y. (M.Tech.) Sem – III (New w.e.f. June. 2019) (CBCS PATTERN JUNE-2018) Time: 3:00 p.m. to 6:00 p.m
Monday 27/03/2023	20 21 22 23	**Open Elective-** 1) Business Analytics (70710305) 2) Operation Research (70710306) 3) Cost Management of Engineering Projects (70710307) 4) Non conventional Energy (70710308)

[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: 09:00 a.m. to 12:00 p.m
Monday 20/03/2023	24	Advanced stress analysis (7072101)
Tuesday 21/03/2023	25	Advanced Vibrations and Acoustics (7072102)
Thursday 23/03/2023	26	Industrial Instrumentation (7072103)
Friday 24/03/2023	27	Research Methodology and IPR© (7072104)
Saturday 25/03/2023	28 29 30 31	**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 (New w.e.f. Nov. 2018) (CBCS PATTERN JUNE-2018) Time: 2:00 p.m. to 5:00 p.m
Monday 20/03/2023	32	Finite Element Method (7072201)
Tuesday 21/03/2023	33	Advanced Design Engineering (7072202)
Thursday 23/03/2023	34	Industrial Product Design (7072203)
Friday 24/03/2023	35 36 37 38	**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 25/03/2023	39 40 41 42	**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)

Day & Date	Sr. No.	S.Y. (M.Tech.) Sem – III (New w.e.f. June. 2019) (CBCS PATTERN JUNE-2018) Time: 3:00 p.m. to 6:00 p.m
Monday **27/03/2023**	43 44 45 46	**Open Elective-** 1) Business Analytics (7072304) 2) Operation Research (7072305) 3) Cost Management of Engineering Projects (7072306) 4) Non conventional Energy (7072307)

[3] Electronics Engineering

Day & Date	Sr. No.	F.Y. (M.Tech.) Sem – I (Neww.e.f. June 2018) (CBCS PATTERN JUNE-2018) Time: 09:00 a.m. to 12:00 p.m
Monday 20/03/2023	47	Digital Design and Verification (7078101)
Tuesday 21/03/2023	48	Advanced Digital Signal Processing (7078102)
Thursday 23/03/2023	49	Voice and Data Networks (7078103)
Friday 24/03/2023	50	Machine Learning© (7078104)
Saturday 25/03/2023	51 52 53 54	**Elective - I** 1.Wireless Sensor Networks (7078106) 2.Analog & Digital CMOS VLSI Design (7078107) 3.Image and Video Processing (7078108) 4. Neural Networks & Fuzzy Control Systems (7078109)

Day & Date	Sr. No.	F.Y. (M.Tech.) Sem – II (Neww.e.f. Nov. 2018) (CBCS PATTERN JUNE-2018) Time: 2:00 p.m. to 5:00 p.m
Monday 20/03/2023	55	Research Methodology & IPR© (7078201)
Tuesday 21/03/2023	56	Communication Buses & Interfaces (7078202)
Thursday 23/03/2023	57	Advanced IOT (7078203)
Friday 24/03/2023	58	PLC, SCADA and Distributed Control Systems (7078204)
Saturday 25/03/2023	59 60 61 62	**Elective - II** 1.Mobile Technology (7078206) 2.Real Time Systems (7078207) 3.VLSI in Signal Processing (7078208) 4. Advanced Control Systems (7078209)

Day & Date	Sr. No.	S.Y. (M.Tech.) Sem – III (New w.e.f. June. 2019) (CBCS PATTERN JUNE-2018) Time: 3:00 p.m. to 6:00 p.m
Monday **27/03/2023**	63 64 65 66	**Open Elective-** 1) Business Analytics (7078307) 2) Operation Research (7078308) 3) Cost Management of Engineering Projects (7078309) 4) Non conventional Energy (7078310)
Sunday **26/03/2023**	67 68 69	**Self Learning** 1) Network and Internet Security (7078304) 2) Programmable System on Chip (PSoC) (7078305) 3) Advanced Process Control (7078306)

[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: 09:00 a.m. to 12:00 p.m
Monday 20/03/2023	70	Research Methodology & IPR (7076101)
Tuesday 21/03/2023	71	Antenna Design and Application (7076102)
Thursday 23/03/2023	72	Soft Computing Methods (7076103)
Friday 24/03/2023	73	Advanced Network System (7076104)
Saturday 25/03/2023	74 75 76	**Elective - I** **1.**Biomedical Signal Processing (7076106) 2.Advanced Embedded System (7076107) 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: 2:00 p.m. to 5:00 p.m
Monday 20/03/2023	77	Advanced Internet of Things (7076201)
Tuesday 21/03/2023	78	RF Circuit Design (7076202)
Thursday 23/03/2023	79	Artificial Intelligence & Machine Learning (7076203)
Friday 24/03/2023	80	Cryptography and Network Security (7076204)
Saturday 25/03/2023	81 82 83	**Elective - II** 1.Communication System Design (7076206) 2.Multimedia Processing (7076207) 3.Automation and Industrial Robotics (7076208)

Day & Date	Sr. No.	S.Y. (M.Tech.) Sem – III (New w.e.f. June. 2019) (CBCS PATTERN JUNE-2018) Time: 03:00 p.m. to 06:00 p.m
Monday 27/03/2023	84 85 86 87	**Open Elective-** 1) Business Analytics (7076307) 2) Operation Research (7076308) 3) Cost Management of Engineering Projects (7076309) 4) Non conventional Energy (7076310)
Sunday 26/03/2023	88 89 90	**Self Learning** 1) Remote Sensing (7076305) 2) Programmable System on Chip (PSoC) (7076304) 3) Multimedia Network (7076306)

[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: 09:00 a.m. to 12:00 p.m
Monday 20/03/2023	91	Applied Algorithms (7079101)
Tuesday 21/03/2023	92	Theory of Computation (7079102)
Thursday 23/03/2023	93	Data Mining (7079103)
Friday 24/03/2023	94	Machine Learning© (7079104)
Saturday 25/03/2023	95 96 97 98	**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: 2:00 p.m. to 5:00 p.m
Monday 20/03/2023	99	Research Methodology & IPR© (7079201)
Tuesday 21/03/2023	100	Internet of Things (7079202)
Thursday 23/03/2023	101	Internet Routing Algorithm (7079203)
Friday 24/03/2023	102 103 104 105	**Elective - II** 1.Reinforcement Learning (7079205) 2.Advanced Cloud Computing (7079206) 3.High Performance Computing (7079207) 4. Software Defined Network (7079208)
Saturday 25/03/2023	106 107 108 109	**Elective - III** 1.Wireless Sensor Network (7079209) 2.Infrastructure Management (7079210) 3.Real Time Operating System (7079211) 4. Advances in Database Systems (7079212)

Day & Date	Sr. No.	S.Y. (M.Tech.) Sem – III (New w.e.f. June. 2019) (CBCS PATTERN JUNE-2018) Time: 03:00 p.m. to 06:00 p.m
Monday **27/03/2023**	110 111 112 113	**Open Elective-** 1) Business Analytics (7079308) 2) Operation Research (7079309) 3) Cost Management of Engineering Projects (7079310) 4) Non conventional Energy (7079311)
Sunday **26/03/2023**	114 115 116 117	**Self Learning** 1) Big Data (7079304) 2) Computer Network Administration (7079305) 3) Open Source Technologies (7079306) 4) Usability Engineering (7079307)

Please visit -http://su.digitaluniversity.ac
Ref No.: PAHSUS/EXAM/TIME-TABLE/2023/549
Date   : 10/03/2023

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