



PUNYASHLOKAHILYADEVIHOLKAR SOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2025 SEMESTER PATTERN EXAMINATION

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

MAR./APR.--2025 EXAMINATION TO BE HELD IN MAY-2025

[1] CIVIL STRUCTURAL ENGINEERING

[2] MECHANICAL DESIGN
ENGINEERING

[3] ELECTRONICS ENGINEERING

[4] ELECTRONICS & TELE-COMM.
ENGG

[5] COMPUTER SCIENCE & ENGG

- 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.
- 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.
- All the Candidates are asked to follow the timely instructions given by University in accordance with the examinations methodology.
- 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 सर्वसाधारण विद्यार्थ्यांपेक्षा 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.	<u>F.Y.(M.Tech.)Sem–I (Neww.e.f.June2023)</u> (CBCS PATTERN -2023) Time:10:00 a.m.to 2:00 p.m
Friday 06/06/2025	1	Advanced structural analysis (MTCE0101)
Monday 09/06/2025	2	Advanced solid Mechanics(MTCE0102)
Tuesday 10/06/2025	3	Dynamics& Earthquake Engineering(MTCE0103)
Wednesday 11/06/2025	4 5 6 7	Elective-I 1. Structural Audits (MTCE0106) 2. Design of Prestressed Concrete Structures(MTCE0107) 3. Advanced Design of Foundation(MTCE0108) 4. Structural Optimization (MTCE0109)
Thursday 12/06/2025	8	Research Methodology and IPR© (MTCE0104)

Day & Date	Sr. No.	<u>F.Y.(M.Tech.)Sem–II (Neww.e.f.Nov.2023)</u> (CBCS PATTERN JUNE-2023) Time:10:00a.m.to 2:00p.m
Monday 26/05/2025	9	FEM in Structural Engineering (MTCE0201)
Wednesday 28/05/2025	10	Advanced Design of Concrete Structures(MTCE0202)
Friday 30/05/2025	11	Special Concrete & Concrete Composite(MTCE0203)
Monday 02/06/2025	12 13 14 15	Elective-II 1. Theory of Plates and Shell (MTCE0206) 2. Design of Formwork(MTCE0207) 3. Repair and Rehabilitation of Structures(MTCE0208) 4. Design of Industrial Structures(MTCE0209)
Wednesday 04/06/2025	16 17 18 19	Elective-III 1. Theory of Structural Stability (MTCE0210) 2. Design of RCC Bridges (MTCE0211) 3. Advanced Steel Design (MTCE0212) 4. Soil Structure Interaction (MTCE0213)

Day & Date	Sr. No.	<u>S.Y.(M.Tech.)Sem–III (New w.e.f.June.2023)</u> (CBCS PATTERN JUNE-2023) Time:10:00a.m.to 1:00p.m
Saturday 17/05/2025	20 21 22 23 24	Open Elective- 1)Business Analytics(OE001A) 2)Operation Research (OE001B) 3)Cost Management of Engineering Projects (OE001C) 4)Nonconventional Energy(OE001D) 5) 5)Product Design and Development(OE001E)

[2] Mechanical–(Design Engineering)

Day&Date	Sr. No.	<u>F.Y.(M.Tech.)Sem–I (New w.e.f.June 2023)</u> (CBCS PATTERN -2023) Time:10:00a.m.to 1:00p.m
Friday 06/06/2025	25	Advanced stress analysis(MTDE101)
Monday 09/06/2025	26	Advanced Vibrations and Acoustics (MTDE102)
Tuesday 10/06/2025	27	Industrial Instrumentation(MTDE103)
Wednesday 11/06/2025	28 29 30 31	<u>Elective-I</u> 1.ComputationalTechniquesin Design Engineering (MTDE106) 2.ReliabilityEngineering (MTDE107) 3.Mechanical System Design(MTDE108) 4.Computer Aided Design(MTDE109)
Thursday 12/06/2025	32	Research Methodology and IPR(MTDE104)

Day&Date	Sr. No.	<u>F.Y.(M.Tech.)Sem–II (Neww.e.f.Nov.2023)</u> (CBCS PATTERN JUNE-2023) Time:10:00a.m.to 1:00p.m
Monday 26/05/2025	33	Finite Element Method (MTDE201)
Wednesday 28/05/2025	34	Advanced Design Engineering (MTDE202)
Friday 30/05/2025	35	Industrial Product Design (MTDE203)
Monday 02/06/2025	36 37 38 39	<u>Elective-II</u> 1.TheoryandAnalysisofCompositeMaterials (MTDE205) 2.Engineering Design Optimization (MTDE206) 3.Industrial Tribology (MTDE207) 4. Advanced Engineering Materials(MTDE208)
Wednesday 04/06/2025	40 41 42 43	<u>Elective-III</u> 1.Engineering Fracture Mechanics (MTDE209) 2.Project Management (MTDE210) 3.Design for Manufacture and Assembly (MTDE211) 4. Analysis and Synthesis of Mechanisms and Machine (MTDE212)

Day & Date	Sr. No.	<u>S.Y.(M.Tech.)Sem-III (Neww.e.f.June.2023)</u> (CBCS PATTERN JUNE-2023) Time:10:00a.m.to 1:00p.m
Saturday 17/05/2025	44 45 46 47 48	Open Elective- 1)Business Analytics(OE001A) 2)Operation Research (OE001B) 3)Cost Management of Engineering Projects(OE001C) 4)Nonconventional Energy(OE001D) 5)Product Design and Development(OE001E)

[3] Electronics Engineering

Day & Date	Sr. No.	<u>F.Y.(M.Tech.)Sem-I (Neww.e.f.June2023)</u> (CBCS PATTERN -2023) Time:10:00a.m.to 1:00p.m
Friday 06/06/2025	49	Digital Design and Verification(MTEL101)
Monday 09/06/2025	50	Advanced Digital Signal Processing(MTEL102)
Tuesday 10/06/2025	51	Voice and Data Networks(MTEL103)
Wednesday 11/06/2025	52	Machine Learning© (MTEL104)
Thursday 12/06/2025	53 54 55	<u>Elective-I</u> 1. Wireless Sensor Networks (MTEL106) 2. Analog &Digital CMOSVLSI Design(MTEL107) 3. Image and Video Processing(MTEL108)

Day & Date	Sr. No.	<u>F.Y.(M.Tech.)Sem-II (Neww.e.f.Nov.2023)</u> (CBCS PATTERN JUNE-2023) Time:10:00a.m.to 1:00p.m
Monday 26/05/2025	56	Research Methodology &IPR© (MTEL201)
Wednesday 28/05/2025	57	Communication Buses &Interfaces (MTEL202)
Friday 30/05/2025	58	Advanced IOT (MTEL203)
Monday 02/06/2025	59	PLC, SCADA and Distributed Control Systems (MTEL204)
Wednesday 04/06/2025	60 61 62 63	<u>Elective-II</u> 1. Mobile Technology (MTEL206) 2. Real Time Systems (MTEL207) 3. VLSI in Signal Processing (MTEL208) 4. Advanced Control Systems (MTEL209)

Day & Date	Sr. No.	<u>S.Y.(M.Tech.) Sem-II (New w.e.f.Nov.2023)</u> (CBCS PATTERN JUNE-2023) Time:10:00a.m.to 1:00p.m	
Saturday 17/05/2025	64 65 66	Self-Learning 1) Network and Internet Security (MTEL304) 2) Programmable System on Chip(PSoC) (MTEL305) 3) Advanced Process Control (MTEL306)	Candidates note that Self Learning Examination will be conducted in their Parent(home) College

Day & Date	Sr. No.	<u>S.Y.(M.Tech.)Sem-III (Neww.e.f.June.2023)</u> (CBCS PATTERN JUNE-2023) Time:10:00a.m.to 1:00p.m	
Saturday 17/05/2025	67 68 69 70 71	Open Elective- 1)Business Analytics(OE001A) 2)Operation Research (OE001B) 3)Cost Management of Engineering Projects(OE001C) 4)Nonconventional Energy(OE001D) 5)Product Design and Development(OE001E)	

[4] Electronics & Telecommunication Engineering

Day&Date	Sr. No.	<u>F.Y.(M.Tech.)Sem-I (Neww.e.f.June2023)</u> (CBCS PATTERN -2023) Time:10:00a.m.to 1:00p.m
Friday 06/06/2025	72	Research Methodology& IPR(MTETC101)
Monday 09/06/2025	73	Antenna Theory & Techniques (MTETC102)
Tuesday 10/06/2025	74	Advanced Embedded System(MTETC103)
Wednesday 11/06/2025	75 76	Elective-I 1.BiomedicalSignalProcessing (MTETC105) 2.Soft Computing Methods(MTETC106)
Thursday 12/06/2025	77 78	Elective –II Digital VLSI Design (MTETC107) Satellite Communication(MTETC108)

Day & Date	Sr. No.	<u>F.Y.(M.Tech.)Sem-II (Neww.e.f.Nov.2023)</u> (CBCS PATTERN JUNE-2023) Time:10:00a.m.to 1:00p.m
Monday 26/05/2025	79	Advanced Light Wave Communication (MTETC201)
Wednesday 28/05/2025	80	RF& Microwave Engineering (MTETC202)
Friday 30/05/2025	81	Advanced IoT (MTETC203)
Monday 02/06/2025	82 83	Elective-I 1. Wireless Communication System (MTETC205) 2. Information and Coding Theory (MTETC206)
Wednesday 04/06/2025	84 85	Elective- II 1. Cryptography and Network Security(MTETC207) 2. Automation and Industrial Robotics(MTETC208)

Day & Date	Sr. No.	S.Y.(M.Tech.)Sem–III (Neww.e.f.June.2023) (CBCS PATTERN JUNE-2023) Time:10:00a.m.to 1:00p.m	
Saturday 17/05/2025	86 87 88	Self-Learning 1. Design Thinking (MTETC304) 2. Value Education & Professional Ethics(MTETC305) 3. Cyber Security and Information Assurance.(MTETC306)	Candidates note that Self Learning Examination will be conducted in their Parent(home) College

Day&Date	Sr. No.	S.Y.(M.Tech.)Sem–III (Neww.e.f.June.2023) (CBCS PATTERN JUNE-2023) Time:10:00a.m.to 1:00p.m	
Saturday 17/05/2025	89 90 91 92 93	Open Elective 1)Business Analytics(OE001A) 2)Operation Research (OE001B) 3)Cost Management of Engineering Projects(OE001C) 4)Nonconventional Energy(OE001D) 1) 5)Product Design and Development(OE001E)	

[5] Computer Science & Engineering

Day & Date	Sr. No.	<u>F.Y.(M.Tech.)Sem-I (Neww.e.f.June 2023)</u> (CBCS PATTERN -2023) Time:10:00a.m.to 1:00p.m
Friday 06/06/2025	94	Applied Algorithms (MTCSE101)
Monday 09/06/2025	95	Theory of Computation(MTCSE102)
Tuesday 10/06/2025	96	Data Mining (MTCSE103)
Wednesday 11/06/2025	97	Machine Learning© (MTCSE104)
Thursday 12/06/2025	98 99 100 101	<u>Elective-I</u> 1. Natural Language Processing (MTCSE106) 2. Soft Computing (MTCSE107) 3. Computer Vision (MTCSE108) 4. Object Oriented Software Engineering (MTCSE109)

Day&Date	Sr. No.	<u>F.Y.(M.Tech.)Sem-II (Neww.e.f.Nov.2023)</u> (CBCS PATTERN JUNE-2023) Time:10:00a.m.to 1:00p.m
Monday 26/05/2025	102	Research Methodology& IPR©(MTCSE201)
Wednesday 28/05/2025	103	Internet of Things(MTCSE202)
Friday 30/05/2025	104	Internet Routing Algorithm(MTCSE203)
Monday 02/06/2025	105 106 107 108	<u>Elective-II</u> 1. Deep Learning (MTCSE205) 2. Advanced Cloud Computing (MTCSE206) 3.High Performance Computing (MTCSE207) 4. Software Defined Network (MTCSE208)
Wednesday 04/06/2025	109 110 111 112	<u>Elective-III</u> 1.Wireless Sensor Network (MTCSE209) 2.InfrastructureManagement(MTCSE210) 3.RealTimeOperatingSystem(MTCSE211) 4. Advances in Database Systems(MTCSE212)

Day&Date	Sr. No.	<u>S.Y.(M.Tech.)Sem–III (Neww.e.f.June.2019)</u> (CBCS PATTERN JUNE-2018) Time:10:00a.m.to 1:00p.m
Saturday 17/05/2025	113 114 115 116	Open Elective- 1) Business Analytics(7079308) 2) Operation Research(7079309) 3) Cost Management of Engineering Projects(7079310) 4) Non conventional Energy(7079311)

Day & Date	Sr. No.	<u>S.Y.(M.Tech.)Sem–III (Neww.e.f.June.2023)</u> (CBCS PATTERN JUNE-2023) Time:10:00a.m.to 1:00p.m	
Saturday 17/05/2025	117 118 119 120 121	Open Elective- 1)Business Analytics(OE001A) 2)Operation Research(OE001B) 3)Cost Management of Engineering Projects(OE001C) 4)Non conventional Energy(OE001D) 5) Product Design and Development(OE001E)	

Day&Date	Sr. No.	<u>S.Y.(M.Tech.)Sem–III (Neww.e.f.June.2019)</u> (CBCS PATTERN JUNE-2018) Time:10:00a.m.to 1:00p.m	
Saturday 17/05/2025	122 123 124 125	Self-Learning 1) Big Data(7079304) 2) Computer Network Administration(7079305) 3) Open Source Technologies(7079306) 4) Usability Engineering(7079307)	Candidates note that Self Learning Examination will be conducted in their Parent(home) College

Day&Date	Sr. No.	<u>S.Y.(M.Tech.)Sem–III (Neww.e.f.June.2023)</u> (CBCS PATTERN JUNE-2023) Time:10:00a.m.to 1:00p.m	
Saturday 17/05/2025	126 127 128 129	Self-Learning 1)Big Data(MTCSE304) 2)Computer Network Administration(MTCSE305) 3)Open Source Technologies(MTCSE306) 4)Usability Engineering(MTCSE307)	Candidates note that Self Learning Examination will be conducted in their Parent(home) College

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Date : 05/05/2024

Sd/-
Director
Board of Examinations and Evaluation