



# PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2025

## SEMESTER PATTERN EXAMINATION

### REVISED DRAFT PROGRAM OF M.SC. (ELECTRONICS) SEMESTER-I TO IV OCT./NOV.-2025

1. Student should see their Seat No. and Name in the Name list and mistakes if any should be communicate to this office immediately. All candidates are requested to confirm their Examination Seat No. as well as place of examination on the Notice Board of the University/College mentioned below at least two days before the date of Examination. The candidate should write correct Seat No. on each answer book. If candidate writes wrong Seat No. on answer Book the performance of such subject will not be considered.
2. Candidate are requested to be present at their respective places of the Examination **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are forbidden to take any book or paper in to the Examination Hall.
3. **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.
4. All the Candidates are asked to follow the timely instructions given by University in accordance with the examinations methodology.
5. 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 कमीतकमी २० मिनीट इतका वेळ वाढवून देण्यास सर्वानुमते मान्यता देण्यात आली.)

ज्या विद्यार्थ्यांच्या जुन्या अभ्यासक्रमाप्रमाणे परीक्षा देण्याच्या संधी संपलेल्या आहेत व त्यांना आता नवीन अभ्यासक्रमाप्रमाणे समकक्ष पेपर (Equivalence subject) देणे आवश्यक आहे. अशा विद्यार्थ्यांनी नवीन अभ्यासक्रमाप्रमाणे द्यावायच्या समकक्ष विषयाची नावे व त्यांचे पेपर कोड यांचा तक्ता वेळापत्रकाच्या शेवटच्या पानावर प्रिंट करण्यात आला आहे. त्याप्रमाणे विद्यार्थ्यांनी सदर पेपर द्यावेत.

Sr.No.	Center	College Abbreviation	Place
1	Akluj	GCCTA	Green fingers College of Computer and Technology, Akluj,

<b>Electronics Sem-I (New w.e.f.June 2023)</b> <b>(NEP CBCS Pattern-2023)</b>			
Day & Date	Paper No.	Sr. No.	Subject Time:3:00p.m.to5:30p.m
Wednesday 15/10/2025	DSC-1	1	Advanced Microcontroller(2313101)
Friday 17/10/2025	DSC-2	2	Industrial Power Electronics(2313102)
Tuesday 28/10/2025	DSE1-A	3	Virtual Instrumentation (2313107)OR
	DSE1-B	4	Numerical Methods(2313108)
Thursday 30/10/2025	RM	5	Research Methodology(2313103)

<b>Electronics Sem-II (New w.e.f.Nov 2023)</b> <b>(NEP CBCS Pattern-2023)</b>			
Day & Date	Paper No.	Sr. No.	Subject Time:11:00a.m.to1:30p.m
Tuesday 14/10/2025	DSC1-3	6	Modern Control Theory(2313201)
Thursday 16/10/2025	DSC1-4	7	Real Time Operating System(2313202)
Saturday 18/10/2025	SCT2.1	8	A) Signals and Systems (2313207) OR
	SCT2.2	9	B) Cellular and Mobile communication(2313208)

<b>Electronics Sem-III (New w.e.f. June 2024)</b> <b>(NEP CBCS Pattern-2023)</b>			
Day & Date	Paper No.	Sr. No.	Subject Time: 11:00 a.m. to 1:30 p.m
Wednesday 15/10/2025	DSC1-5	10	Digital Signal Processing (23131301)
Friday 17/10/2025	DSC1-6	11	ARM Microcontroller and System Design (23131303)
Tuesday 28/10/2025	DSE1-3	12	A) Advanced Digital Design with VHDL (23131306) OR
		13	B) Device Drivers and Embedded System (23131307)

<b>Electronics Sem – IV (New w.e.f. Nov 2024)</b> <b>(NEP CBCSPattern-2023)</b>			
Day & Date	Paper No.	Sr. No.	Subject Time:3:00p.m.to 5:30p.m
Tuesday 14/10/2025	DSC1-7	14	Networking and Data Communication (23131401)
Thursday 16/10/2025	DSC1-8	15	Mechatronics and Industrial Automation (23131403)
Saturday 18/10/2025	DSE1-4	16	A] Medical Instrumentation (23131405) OR
		17	B] Microwave Devices, Antennas and Measurements (23131406) OR
		18	C] Wireless Sensor Network (23131411) OR
		19	D] Optical Fiber Communication (23131412) OR
		20	E] Smart Fusion Technology Based System Design (23131409)

<b>Electronics Sem – IV (New w.e.f. Nov 2021)</b> <b>(CBCS Pattern-2020) (Old up to OCT-2025)</b>			
Day & Date	Paper No.	Sr. No.	Subject Time:3:00p.m.to6:00p.m
Tuesday 14/10/2025	HCT4.1	21	Microwave Devices, Antennas and Measurements (MSC21401)
Thursday 16/10/2025	HCT4.2	22	Networking and data communications (MSC21402)
Saturday 18/10/2025	HCT4.3	23	Nano electronics (MSC21403)
Monday 27/10/2025	SCT4.1	24	C] Mechatronics and Industrial Automation(MSC21406) OR
		25	D] Programming with Python(MSC21407) OR
	SCT4.2	26	E] Wireless Sensor Network(MSC21408) OR
		27	F] Mixed Signal Based SoC Design(MSC21409) OR
		28	G] Smart Fusion Technology Based System Design (MSC21410)

Please Visit :sus.ac.in

Ref No.:PAHSUS/EXAM/TIME-TABLE/2025/1659

Date:31/08/2025

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

## Equivalence Subject List

Pattern 2020 Paper Code	M.Sc Electronics Sem-I OLD	Pattern 2023 Paper Code	M.Sc Electronics Sem-I NEW
MSC21101	Numerical Methods	2313108	Numerical Methods
MSC21102	Instrumentation Design		
MSC21103	Power Electronics	2313102	Industrial Power Electronics
MSC21108	Advanced Microcontrollers	2313101	Advanced Microcontroller
MSC21109	Virtual Instrumentation	2313107	Virtual Instrumentation
Pattern 2020 Paper Code	M.Sc Electronics Sem-II OLD	Pattern 2023 Paper Code	M.Sc Electronics Sem-II NEW
MSC21201	Control theory	2313201	Modern Control Theory
MSC21202	Real Time Operating System	2313202	Real Time Operating System
MSC21206	Opto Electronics		
MSC21207	Agro Instrumentation		

Pattern 2020 Paper Code	M.Sc Electronics Sem-III OLD	Pattern 2023 Paper Code	M.Sc Electronics Sem-III NEW
MSC21301	Digital Signal Processing	23131301	Digital Signal Processing
MSC21302	Advanced Digital Design with VHDL	23131306	Advanced Digital Design with VHDL
MSC21306	ARM Microcontroller and system design	23131303	ARM Microcontroller and System Design
MSC21307	Internet of Things (IoT)		No Equivalent
MSC21314	Optical Fiber Communication		No Equivalent
MSC21316	CMOS Design Technologies		No Equivalent