



**PUNYASHLOKAHILYADEVIIHOLKAR**  
**SOLAPURUNIVERSITY,SOLAPUR**

**EXAMOF 2025**  
**SEMESTER PATTERN EXAMINATION**

**FINAL PROGRAM OF M.SC. PHYSICS (MATERIALS SCIENCE) SEMESTER – I TO IV  
MAR./APR.- 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 into 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. (ሀ፡ ሰ፡ ንዓስታይነትን ብኣብራርቲና ዘተረጎመ ስልጣን ይህን፡፡ 2016 'ሪ-ሴ'ዕ ሃሳቢ፡፡ ተሰባሳቢ ኣብ'ዚ መደብ ውስጥ ተሰባሳቢ ንዓስታይነት ዝህበሉ ስልጣን ኣለዎ፡፡ እዚ ኣብ'ዚ መደብ ውስጥ ዘሉ ነጻነት ኣለዎ፡፡ 1 ንዓስታይነት ዘህበሉ ስልጣን ኣለዎ፡፡ 20 ንዓስታይነት ዘህበሉ ስልጣን ኣለዎ፡፡)

ज्या विद्यार्थ्यांच्या जुन्या अभ्यासक्रमाप्रमाणे परीक्षा देण्याच्या संधी संपलेल्या आहेत व त्यांना आता नवीन अभ्यासक्रमाप्रमाणे समकक्ष पेपर (Equivalence subject) देणे आवश्यक आहे, अशा विद्यार्थ्यांनी नवीन अभ्यासक्रमा प्रमाणे द्यावायच्या समकक्ष विषयाची नावे व त्यांचे पेपर कोड यांचा तक्ता वेळापत्रकाच्या ४.०६३४०<sup>TM</sup> पानावर प्रिंट करण्यात आला आहे. त्याप्रमाणे विद्यार्थ्यांनी सदर पेपर द्यावेत.

Sr. No.	Center	College Abbreviation	Place
1	Solapur	PAHSUS	PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

<b>Physics (Materials Science) SEM - I (New w.e.f. June 2023)</b> <b>(NEPCBCSPattern-2023)</b>			
Day & Date	Paper No.	Sr. No.	<b>Subject</b> <b>Time: 3:00 p.m.to 5:30p.m</b>
Thursday 15/05/2025	DSC-1	1	Mathematical Physics (2321101)
Saturday 17/05/2025	DSC-2	2	Solid State Physics (2321102)
Monday 19/05/2025	DSE-1 DSE-2	3 4	Analog and Digital Electronics (2321106) OR Elements of Materials Science (2321107)
Friday 24/05/2025	RM	5	Research Methodology in Physics (2321105)

<b>Physics (Materials Science)SEM – II (New w.e.f. Nov 2023)</b> <b>(NEP CBCSPattern-2023)</b>			
Day & Date	Paper No.	Sr. No.	<b>Subject</b> <b>Time: 11:00a.m.to 1:30 p.m</b>
Wednesday 14/05/2025	DSC-3	6	Quantum Mechanics (2321201)
Friday 16/05/2025	DSC-4	7	Electrodynamics (2321202)
Tuesday 20/05/2025	DSE-2A	8	Classical Mechanics (2321206)
Thursday 22/05/2025	DSE-2B	9	Conventional & Non conventional Energy (2321207)

<b>Physics Materials Science SEM–III ( NEW w.e.f.June2024)</b> <b>(NEP CBCS Pattern-2023)</b>			
Day & Date	Paper No.	Sr. No.	Subject Time: 11:00a.m.to 1:30 p.m
Thursday 15/05/2025	DSC-5	10	Statistical Physics (2321301)
Saturday 17/05/2025	DSC-6	11	Atomic & Molecular Physics (2321302)
Monday 19/05/2025	DSE-3	12	A) Microcontrollers & Interfacing (2321306) OR
		13	B) Physics of Nanomaterials (2321307) OR
		14	C) Energy Harvesting Devices (2321308) OR
		15	D) Semiconductor Physics (2321309)

<b>Physics Materials Science SEM–III ( w.e.f. June 2021)</b> <b>(CBCS Pattern-2020) (Old up to MAR.2025)</b>			
Day & Date	Paper No.	Sr. No.	Subject Time: 11:00a.m.to 2:00 p.m
Thursday 15/05/2025	HCT3.1	16	Semiconductor Physics (MSC03301)
Saturday 17/05/2025	HCT3.2	17	Atomic, Molecular Physics (MSC03302)
Monday 19/05/2025	SCT3.1	18	A) Dielectric & Ferroelectric Properties of Materials (MSC03306) OR
	SCT3.2	19	B) Materials Processing (MSC03307) OR
	SCT3.3	20	C) Materials Characterization (MSC03308)
Sunday 01/06/2025	OET	--	[Choose from list]

<b>Physics Materials Science SEM – IV (New w.e.f. Nov 2024)</b> <b>(NEP CBCS Pattern-2023)</b>			
Day & Date	Paper No.	Sr. No.	<b>Subject</b> <b>Time: 3:00 p.m.to 6:00 p.m.</b>
<b>Wednesday</b> <b>14/05/2025</b>	DSC-7	21	Physics of Semiconductor Devices (2321401)
<b>Friday</b> <b>16/05/2025</b>	DSC-8	22	Nuclear and Particle Physics (2321402)
<b>Tuesday</b> <b>20/05/2025</b>	DSE-4A	23	A)Communication System (2321405)
			<b>OR</b>
	DSE-4B	24	B) Advanced Techniques of Materials Characterization (2321406)
			<b>OR</b>
	DSE-4C	25	C) Nanomaterials Characterization Techniques (2321407)

<b>Physics Materials Science 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 <b>Time: 3:00 p.m.to 6:00 p.m.</b>
<b>Wednesday</b> <b>14/05/2025</b>	HCT4.1	26	Semiconductor Devices (MSC03401)
<b>Friday</b> <b>16/05/2025</b>	HCT4.2	27	Nuclear and Particle Physics (MSC03402)
<b>Tuesday</b> <b>20/05/2025</b>	HCT4.3	28	Physics of Nano Materials (MSC03403)
<b>Thursday</b> <b>22/05/2025</b>	SCT4.1	29	a) Advanced Techniques of Materials Characterization (MSC03406)
	SCT4.2	30	<b>OR</b> b) Magnetic Materials-07 (MSC03407)

Please visit -sus.ac.in

Ref No.: PAHSUS/EXAM/TIME-TABLE/2025/844

Date: 06/05/2025

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

## Equivalence Subject List

Pattern 2020 Paper Code	M.Sc Physics (Materials Science) Sem-I OLD	Pattern 2023 Paper Code	M.Sc Physics (Materials Science) Sem-I NEW
MSC03101	Mathematical Physics	2321101	Mathematical Physics
MSC03102	Solid State Physics	2321102	Solid State Physics
MSC03103	Analog and Digital Electronics	2321106	Analog and Digital Electronics
MSC03108	Classical Mechanics	2321206	Classical Mechanics
MSC03109	Elements of Materials Science	2321107	Elements of Materials Science
Pattern 2020 Paper Code	M.Sc Physics (Materials Science) Sem-II OLD	Pattern 2023 Paper Code	M.Sc Physics (Materials Science) Sem-II NEW
MSC03201	Quantum Mechanics	2321201	Quantum Mechanics
MSC03202	Electrodynamics	2321202	Electrodynamics
MSC03206	Statistical Physics	2321301	Statistical Physics
MSC03207	Analytical Techniques		