



# PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2024

## SEMESTER PATTERN EXAMINATION

### DRAFT PROGRAM OF M.SC. PHYSICS (NANOPHYSICS) SEMESTER – I TO IV OCT./NOV.- 2024

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 first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are for bidden 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 Right 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 सर्वांनुमते मान्यता देण्यात आली.)

Sr. No.	Center	College Abbreviation	Place
1	Barshi	SBZ	Shriman Bhausahab Zadbuke Mahavidyalaya, Barshi

Physics (NANOPHYSICS) SEM - I (New w.e.f. June 2023) (NEP CBCS Pattern-2023)			
Day & Date	Paper No.	Sr. No.	Subject Time: 3:00 p.m.to 5:30p.m
Friday 10/05/2024	DSC-1	1	Mathematical Physics (2306101)
Monday 13/05/2024	DSC-2	2	Solid State Physics (2306102)
Wednesday 15/05/2024	DSE-1	3	Analog and Digital Electronics (2306106)
	DSE-2	4	OR Elements of Materials Science (2306107)
Friday 17/05/2024	RM	5	Research Methodology in Physics (2306105)

<b>PHYSICS(NANOPHYSICS)SEM-II(NEWw.e.f.Nov.2023)</b> <b>(NEP CBCSPattern-2023)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time:11:00a.m.to1:30p.m</b>
<b>Wednesday</b> <b>11/12/2024</b>	DSC-3	6	Quantum Mechanics (2306201)
<b>Friday</b> <b>13/12/2024</b>	DSC-4	7	Electrodynamics (2306202)
<b>Wednesday</b> <b>18/12/2024</b>	DSE-2A	8	A) Classical Mechanics (2306206) OR
	DSE-2A	9	B)Conventional & Non conventional Energy (2306207)

<b>PHYSICS(NANOPHYSICS)SEM-II(w.e.f.Nov.2020)</b> <b>(CBCSPattern-2019) (Old up to OCT-2024)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time:11:00a.m.to2:00p.m</b>
<b>Wednesday</b> <b>11/12/2024</b>	HCT2.1	10	Quantum Mechanics(MSC09201)
<b>Friday</b> <b>13/12/2024</b>	HCT2.2	11	Electrodynamics(MSC09202)
<b>Wednesday</b> <b>18/12/2024</b>	SCT2.2	12	A) Statistical Physics (MSC09206) OR
	SCT2.3	13	B) Analytical Techniques(MSC09207)
<b>Monday</b> <b>23/12/2024</b>	OET	---	[Choose from list]

<b>PHYSICS (NANOPHYSICS)SEM-III(Neww.e.f. June2024)</b> <b>(NEP CBCSPattern-2023)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time:11:00 a.m.to1:30 p.m</b>
<b>Tuesday</b> <b>10/12/2024</b>	DSC-5	14	Statistical Physics
<b>Thursday</b> <b>12/12/2024</b>	DSC-6	15	Atomic and Molecular Physics
<b>Tuesday</b> <b>17/12/2024</b>	DSE-3A	16	A) Microcontroller and Interfacing OR
	DSE-3B	17	B) Physics of Nanomaterials () OR
	DSE-3C	18	C) Energy Harvesting Devices OR
	DSE-3D	19	D) Semiconductor Physics

<b>PHYSICS(NANOPHYSICS)SEM–III(w.e.f. June2021)</b> <b>(CBCSPattern-2020) (Old up to MAR.-2025)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time:11:00p.m.to2:00p.m</b>
<b>Tuesday</b> <b>10/12/2024</b>	HCT3.1	20	Semiconductor Physics(MSC09301)
<b>Thursday</b> <b>12/12/2024</b>	HCT3.2	21	Atomic and Molecular Physics(MSC09302)
<b>Tuesday</b> <b>17/12/2024</b>	SCT3.1	22	E) Functional Nanomaterials (MSC09306) OR
	SCT3.2	23	F) Polymer Science and 4 Technology (MSC09307)
<b>Saturday</b> <b>21/12/2024</b>	OET	---	[Choose from list]

<b>PHYSICS(NANOPHYSICS)SEM–IV(NEWw.e.f. June2021)</b> <b>(CBCSPattern-2020)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time:3:00p.m.to6:00p.m</b>
<b>Wednesday</b> <b>11/12/2024</b>	HCT4.1	24	Semiconductor Devices(MSC09401)
<b>Friday</b> <b>13/12/2024</b>	HCT4.2	25	Nuclear and Particle Physics(MSC09402)
<b>Wednesday</b> <b>18/12/2024</b>	HCT 4.3	26	Characterization of Nano Materials (MSC09403)
<b>Friday</b> <b>20/12/2024</b>	SCT4.1	27	A) Nano Material Fabrication Techniques(MSC09408) OR
	SCT4.2	28	B) Nano Electronics and Sensors (MSC09409)

Ref No.: PAHSUS/EXAM/TIME-TABLE/2024/2227

Date: 21/11/2024

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