



# PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

## EXAM OF 2026 SEMESTER PATTERN EXAMINATION

### DRAFT PROGRAM OF M.SC

[1]ORGANICCHEMISTRY

[2]INDUSTRIALCHEMISTRY

[3]POLYMERCHEMISTRY

[4]PHYSICALCHEMISTRY

[5]ANALYTICALCHEMISTRY

[6]INORGANICCHEMISTRY

[7]PHARMACEUTICALCHEMISTRY

[8]MEDICALCHEMISTRY

### SEM- I TO IV MAR./APR-2026 EXAMINATION

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.

<b>Sr. No.</b>	<b>Center</b>	<b>CollegeAbbreviation</b>	<b>Place</b>
1	Solapur	PAHSUS	PUNYASHLOK AHILYADEVI HOLKARSOLAPURUNIVERSITY,SOLAPUR
2		DAV	D.A.V.Velankar College of Commerce, Solapur
3	Pandharpur	KBP	KarmveerBhauraoPatilMahavidhyalaya
4	Barshi	SBZ	Shriman Bhausahab Zadbuke Mahavidyalaya, Barshi
5	Sangola	SANG	SangolaCollege,Sangola
6		GDMAS	Dr. Ganpatrao Deshmukh Mahavidyalaya, Sangola
7	Wadala	MMW	Mauli Mahavidyalaya, wadala
8	Wadala	LOK	Lokmangal College, Wadala
9	Akkalkot	MGKMMMA	Matoshri GurubasavvaKalyanshetti Mahila Mahavidyalaya, Akkalkot

[1]OrganicChemistry	[2]IndustrialChemistry	[3]PolymerChemistry	
[4]PhysicalChemistry	[5]AnalyticalChemistry	[6]InorganicChemistry	
[7]PharmaceuticalChemistry	MedicalChemistry		
<b>Sem-I (NEPCBCSPattern-2023) (New w.e.f.June2023)</b>			
Day&Date	PaperNo.	Sr. No.	Subject Time: 3:00 p.m. to 5:30 p.m
Friday 17/04/2026	DSC1	1	Physical Chemistry – I(2324101/2325101/2326101/2327101)(2302101/2303101/ 2304101/2305101)
Monday 20/04/2026	DSC2	2	Organic Chemistry– I (2324102/2325102/2326102/2327102)(2302102/2303102/ 2304102/2305102)
Wednesday 22/04/2026	DSE1A	3	Inorganic Chemistry –I (2324107/2325107/2326107/2327107)(2302107/2303107/ 2304107/2305107)
	DSE1B	4	OR Chemistry in Life Sciences(2324108/2325108/2326108/2327108) (2302108/2303108/2304108/2305108)
	DSE1C	5	OR Medicinal Chemistry(2324109/2325109/2326109/2327109) (2302109/2303109/2304109/2305109)
Friday 24/04/2026	RM	6	Research Methodology (2324103/2325103/2326103/2327103)(2302103/2303103/23041 03/2305103)

<b>M.Sc. Pharmaceutical Chemistry (w.e.f.June 2020)</b>			
<b>Sem-I (CBCS Pattern-2020)</b>			
Day&Date	Paper No.	Sr. No.	Subject Time: 3:00 p.m. to 06:00 p.m
Friday 17/04/2026		7	Analytical Chemistry–I(MSC05108)

[1]OrganicChemistry	[2]IndustrialChemistry	[3]PolymerChemistry	
[4]PhysicalChemistry	[5]AnalyticalChemistry	[6]InorganicChemistry	
[7]PharmaceuticalChemistry[8]MedicalChemistry			
<b>Sem-II(NEPCBCSPattern-2023)(New w.e.f.Nov2023)</b>			
Day&Date	PaperNo.	Sr. No.	Subject Time:11:00a.m.to1:30p.m
Thursday 16/04/2026	DSC-3	8	Physical Chemistry - II(2326201/2325201/2324201/2302201/2304201/2305201/2303201/2327201)
Saturday 18/04/2026	DSC-4	9	Organic Chemistry - II(2326202/2325202/2324202/2302202/2304202/2305202/2303202/2327202)
Tuesday 21/04/2026	DSE-2	10	A) Inorganic Chemistry - II(2326207/2325207/2324207/2302207/2304207/2305207/2303207/2327207)
		11	OR B) Green Chemistry(2326208/2325208/2324208/2302208/2304208/2305208/2303208/2327208)
		11	OR C) Industrial Chemicals and Environment(2326209/2325209/2324209/2302209/2304209/2305209/2303209/2327209)

[1]OrganicChemistry	[2]IndustrialChemistry	[3]PolymerChemistry	
[4]PhysicalChemistry	[5]AnalyticalChemistry	[6]InorganicChemistry	
[7]PharmaceuticalChemistry[8]MedicalChemistry			
<b>Sem-II (w.e.f.Nov2020)(CBCSPattern-2020)</b>			
Day&Date	PaperNo.	Sr. No.	Subject Time:11:00a.m.to2:00p.m.
Thursday 16/04/2026	OET	12	Analytical Chemistry-II(MSC05210)

<b>Organic Chemistry Sem-III(New w.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:11:00a.m.to1:30p.m</b>
<b>Friday</b> <b>17/04/2026</b>	DSC-5	13	Advanced Spectroscopic Methods (2326301)
<b>Monday</b> <b>20/04/2026</b>	DSC-6	14	Photochemistry and Pericyclic Reactions (2326302)
<b>Wednesday</b> <b>22/04/2026</b>	DSE-3	15	A) Advanced Organic Chemistry (2326306)
		16	OR B) Applied Organic Chemistry (2326307)

<b>Organic Chemistry Sem-IV (New w.e.f.Nov 2024)</b> <b>(NEP CBCSPattern-2023)</b>			
<b>Day&amp;Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 3:00p.m.to 5:30p.m.</b>
<b>Thursday</b> <b>16/04/2026</b>	DSC 7	17	Modern Organic Chemistry (2326401)
<b>Saturday</b> <b>18/04/2026</b>	DSC 8	18	Chemistry of Bioactive Heterocycles (2326402)
<b>Tuesday</b> <b>21/04/2026</b>	DSE-4A	19	A] Retrosynthesis and Disconnection Approach (2326405)
		20	OR B] Medicinal Chemistry (2326406)

<b>Industrial Chemistry Sem- III(New w.e.f. June 2024)(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>Friday</b> <b>17/04/2026</b>	DSC-5	21	UnitoperationsofchemicalEngineering (2325301)
<b>Monday</b> <b>20/04/2026</b>	DSC-6	22	Unit process in Chemical Industries (2325302)
<b>Wednesday</b> <b>22/04/2026</b>	DSE-3	23	Industrial Analytical Chemistry-I (2325306)
		24	OR Industrial Analytical Chemistry-II(2325307)

<b>Industrial Chemistry Sem–IV(Neww.e.f.Nov2024)</b> <b>(NEP CBCSPattern-2023)</b>			
<b>Day&amp;Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 3:00 p.m.to5:30p.m</b>
<b>Thursday</b> <b>16/04/2026</b>	DSC-7	25	PollutionMonitoringandControl(2325401)
<b>Saturday</b> <b>18/04/2026</b>	DSC-8	26	Industrial Management and Nonconventional energy sources (2325402)
<b>Tuesday</b> <b>21/04/2026</b>	DSE-4	27	A] Nanomaterial and its Characterization (2325405) OR
		28	B] Advanced Topics in Industrial Chemistry (2325406)

<b>Polymer Chemistry Sem–III(New w.e.f.June 2024)</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>Friday</b> <b>17/04/2026</b>	DSC-5	29	Fundamentals of Polymer Science (2324301)
<b>Monday</b> <b>20/04/2026</b>	DSC-6	30	Chain Polymerization Mechanism and Kinetics (2324302)
<b>Wednesday</b> <b>22/04/2026</b>	DSE-3	31	A) Polymer Analysis and Characterization techniques (2324306) <b>OR</b>
		32	B) Physical Chemistry of Polymers(2324307)

<b>Polymer Chemistry Sem–IV(New w.e.f.Nov2024)</b> <b>(NEP CBCSPattern-2023)</b>			
<b>Day&amp;Date</b>	<b>PaperNo.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 3:00 p.m.to5:30p.m</b>
<b>Thursday</b> <b>16/04/2026</b>	DSC 7	33	Industrial Polymer Science (2324401)
<b>Saturday</b> <b>18/04/2026</b>	DSC 8	34	Paints and Coatings Technology (2324402)
<b>Tuesday</b> <b>21/04/2026</b>	DSE4	35	A] Processing Technology and Polymer Properties (2324405) OR
		36	B] Selected Topics in Polymers (2324406)

<b>Physical Chemistry Sem–III (New w.e.f.June2024)</b> (NEP CBCSPattern-2023)			
Day&Date	Paper No.	Sr. No.	Subject Time:11:00a.m.to1:30p.m
Friday 17/04/2026	DSC-5	37	Quantum Chemistry (2302301)
Monday 20/04/2026	DSC-6	38	Electrochemistry and Chemical Kinetics (2302302)
Wednesday 22/04/2026	DSE-3	39	a) Solid State Chemistry (2302306)
		40	OR b) Biophysical Chemistry (2302307)
		41	OR c) Radiation and Photochemistry (2302308)

<b>Physical Chemistry Sem–IV(New w.e.f.Nov 2024)</b> (NEP CBCSPattern-2023)			
Day&Date	Paper No.	Sr. No.	Subject Time: 3:00 p.m.to5:30p.m
Thursday 16/04/2026	DSC-7	42	Statistical Mechanics and Irreversible Thermodynamics (2302401)
Saturday 18/04/2026	DSC-8	43	Molecular Structure (2302402)
Tuesday 21/04/2026	DSE-4	44	A] Surface Chemistry (2302405)
		45	OR B] Chemistry of Materials (2302406)
		46	OR C] Nuclear and Radiation Chemistry (2302407)

<b>Analytical Chemistry Sem–III (New w.e.f.June 2024)</b> (NEP CBCSPattern-2023)			
Day&Date	Paper No.	Sr. No.	Subject Time:11:00p.m.to1:30p.m
Friday 17/04/2026	DSC-5	47	Advance Separation Techniques (2304301)
Monday 20/04/2026	DSC-6	48	Instrumental Methods of Chemical Analysis-I (2304302)
Wednesday 22/04/2026	DSE-3	49	A) Analytical Spectroscopy (2304306)
		50	OR B) Applied Analytical Chemistry (2304307)

<b>Analytical Chemistry Sem–IV(New w.e.f.Nov2024)</b> (NEP CBCSPattern-2023)			
Day&Date	Paper No.	Sr. No.	Subject Time: 3:00 p.m.to5:30p.m
Thursday 16/04/2026	DSC-7	51	AdvancedAnalyticalTechniques (2304401)
Saturday 18/04/2026	DSC-8	52	Instrumental Methods of Chemical Analysis-II (2304402)
Tuesday 21/04/2026	DSE-4	53	A] Biochemical and Food Analysis (2304405) OR
		54	B] Pharmaceutical Analysis (2304406) OR
		55	C]Environmental Chemical Analysis (2304407)

<b>Pharmaceutical Chemistry Sem–III(New w.e.f.June2024)</b> (NEP CBCSPattern-2023)			
Day&Date	Paper No.	Sr. No.	Subject Time:11:00 a.m.to 1:30 p.m
Friday 17/04/2026	DSC-5	56	Advanced Spectroscopic Methods (2303301)
Monday 20/04/2026	DSC-6	57	Drug Development (2303302)
Wednesday 22/04/2026	DSE-3	58	A) Modern Pharmaceutical Analytical Techniques (2303306) OR
		59	B) Biochemistry (2303307)

<b>Pharmaceutical Chemistry Sem–III (w.e.f.June 2021)</b> (CBCSPattern-2020)			
Day&Date	Paper No.	Sr. No.	Subject Time:11:00a.m.to2:00p.m
Friday 17/04/2026	HCT3.1	60	AdvancedOrganicChemistry-I(MSC012301)
Monday 20/04/2026	HCT3.2	61	ChemistryofBioactiveHeterocycles (MSC012302)
Wednesday 22/04/2026	OET	62	Medicinal Chemistry (MSC012310)

<b>Pharmaceutical Chemistry Sem-IV(New w.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: 3:00 p.m.to5:30p.m</b>
<b>Thursday</b> <b>16/04/2026</b>	HCT-401	63	AdvancedOrganicChemistry-II (2303401)
<b>Saturday</b> <b>18/04/2026</b>	HCT-402	64	Drugs and Heterocycles (2303402)
<b>Tuesday</b> <b>21/04/2026</b>	HCT-403	65	A] Pharmaceutical Dosage Forms (2303405) OR
		66	B] Pharmaceutical Technology (2303406)

<b>MEDICINAL CHEMISTRY Sem-III (New w.e.f.June 2024)</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>Friday</b> <b>17/04/2026</b>	DSC-5	67	Advanced Spectroscopic Methods (2327301)
<b>Monday</b> <b>20/04/2026</b>	DSC-6	68	Drug Development (2327302)
<b>Wednesday</b> <b>22/04/2026</b>	DSE-3	69	A) Advanced Organic Chemistry (2327306) OR
		70	B) Biochemistry (2327307)

<b>MEDICINAL CHEMISTRY Sem-IV(New w.e.f.Nov.2024)</b> <b>(NEP CBCSPattern-2023)</b>			
<b>Day&amp;Date</b>	<b>PaperNo.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 3:00 p.m.to5:30p.m</b>
<b>Thursday</b> <b>16/04/2026</b>	DSC-7	71	Modern Organic Chemistry (2327401)
<b>Saturday</b> <b>18/04/2026</b>	DSC-8	72	Drug& Heterocycles (2327402)
<b>Tuesday</b> <b>21/04/2026</b>	DSE-4A	73	A] Pharmaceutical Dosage Forms (2327405) OR
		74	B] Pharmaceutical Technology (2327406)

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Ref No.: PAHSUS/EXAM/TIME-TABLE/2026/255

Date: 02/03/2026

Sd/-  
Director  
Board of Examinations and Evaluation

### Equivalence Subject List

Pattern 2020 Paper Code	M.Sc Organic Chemistry Sem-I OLD	Pattern 2023 Paper Code	M.Sc Organic Chemistry Sem-I NEW
MSC05101	Inorganic Chemistry –I	2326107	Inorganic Chemistry-I
MSC05102	Organic Chemistry–I	2326102	Organic Chemistry-I
MSC05103	Physical Chemistry –I	2326101	Physical Chemistry-I
MSC05108	Analytical Chemistry– I		No Equivalence
MSC05109	Chemistry in Life Sciences		

Pattern 2020 Paper Code	M.Sc Organic Chemistry Sem-II OLD	Pattern 2023 Paper Code	M.Sc Organic Chemistry Sem-II NEW
MSC05201	Inorganic Chemistry –II	2326207	Inorganic Chemistry-II
MSC05202	Organic Chemistry –II	2326202	Organic Chemistry-II
MSC05206	Physical Chemistry–II	2326201	Physical Chemistry-II
MSC05207	Green Chemistry	2326208	Green Chemistry

Pattern 2020 Paper Code	M.Sc Polymer Chemistry Sem-I OLD	Pattern 2023 Paper Code	M.Sc Polymer Chemistry Sem-I NEW
MSC05103	Physical Chemistry –I	2324101	Physical Chemistry-I

Pattern 2020 Paper Code	M.Sc Analytical Chemistry Sem-I OLD	Pattern 2023 Paper Code	M.Sc Analytical Chemistry Sem-I NEW
MSC05101	Inorganic Chemistry –I	2304107	Inorganic Chemistry-I
MSC05102	Organic Chemistry–I	2304102	Organic Chemistry-I

Pattern 2020 Paper Code	M.ScPharmaceutical Chemistry Sem-I OLD	Pattern 2023 Paper Code	M.ScPharmaceutical Chemistry Sem-I NEW
MSC05101	Inorganic Chemistry –I	2303107	Inorganic Chemistry-I
MSC05102	Organic Chemistry–I	2303102	Organic Chemistry-I
MSC05103	Physical Chemistry –I	2303101	Physical Chemistry-I
MSC05108	Analytical Chemistry– I		No Equivalence
MSC05109	Chemistry in Life Sciences	2303108	Chemistry in Life Sciences
Pattern 2020 Paper Code	M.ScPharmaceutical Chemistry Sem-II OLD	Pattern 2023 Paper Code	M.ScPharmaceutical Chemistry Sem-II NEW
MSC05201	Inorganic Chemistry –II	2303207	Inorganic Chemistry-II
MSC05202	Organic Chemistry –II	2303202	Organic Chemistry-II
MSC05206	Physical Chemistry–II	2303201	Physical Chemistry-II
MSC05207	Green Chemistry		

Pattern 2020 Paper Code	M.Sc Medicinal Chemistry Sem-III OLD	Pattern 2023 Paper Code	M.Sc Medicinal Chemistry Sem-III NEW
MSC08301	Advanced Organic Chemistry – I	2327306	Advanced Organic Chemistry
MSC08302	Chemistry of Bioactive Heterocycles		No Equivalence
MSC08306	Photochemistry and Pericyclic Reactions		No Equivalence
MSC08307	Drug Development	2327302	Drug Development
MSC08311	Biochemistry	2327307	Biochemistry

Pattern 2020 Paper Code	M.Sc Organic Chemistry Sem-III OLD	Pattern 2023 Paper Code	M.Sc Organic Chemistry Sem-III NEW
MSC07301	Advanced Organic Chemistry – I	2326306	Advanced Organic Chemistry
MSC07302	Chemistry of Bioactive Heterocycles		No Equivalence
MSC07306	Photochemistry and Pericyclic Reactions	2326302	Photochemistry and Pericyclic Reactions
MSC07307	Drug Development		No Equivalence

Pattern 2020 Paper Code	M.ScPharmaceutical Chemistry Sem-III OLD	Pattern 2023 Paper Code	M.ScPharmaceutical Chemistry Sem-III NEW
MSC012301	Advanced Organic Chemistry-I		No Equivalence
MSC012302	Chemistry of Bioactive Heterocycles		No Equivalence
MSC012306	Drug Development	2303302	Drug Development
MSC012307	Biochemistry	2303307	Biochemistry
MSC012310	Medicinal Chemistry		No Equivalence