PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

NAAC Accredited-2022
'B^{++}' Grade (CGPA 2.96)

EXAM OF 2026
SEMESTER PATTERN EXAMINATION

FINAL 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 मधीलतरतूदीनुसार अपंग विद्यार्थ्यांना ऑनलाईन व ऑफलाईन परीक्षेमध्ये सर्वसाधरण 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 पेपरकोड यांचा तक्ता वेळापत्रकाच्या** शेवटच्या **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
2		DAV	D.A.V. Velankar College of Commerce, Solapur
3	Pandharpur	KBP	Karmveer Bhaurao Patil Mahavidhyalaya
4	Barshi	SBZ	Shriman Bhausaheb Zadbuke Mahavidyalaya, Barshi
5	Sangola	SANG	SangolaCollege,Sangola
6		GDMAS	Dr. Ganpatrao Deshmukh Mahavidyalaya, Sangola
7		DASPM	Deepak Aba Salunkhe Patil Mahavidylaya, Kole
8	Wadala	MMW	Mauli Mahavidyalaya, wadala
9	Wadala	LOK	Lokmangal College, Wadala
10	Akkalkot	MGKMMA	Matoshri GurubasavvaKalyanshetti Mahila Mahavidyalaya, Akkalkot
11	Akluj	GFCCT	Greenfingar College, Akluj

[1] Organic Chemistry	[2] Industrial Chemistry	[3] Polymer Chemistry
[4] Physical Chemistry	[5] Analytical Chemistry	[6] Inorganic Chemistry
[7] Pharmaceutical Chemistry	[8] Medicinal Chemistry	

Chemistry Sem–I (New w.e.f. June 2026)
(NEP CBCS Pattern-2023)

Day&Date	Paper No.	Sr. No.	Subject Time: 3:00 p.m. to 5:30 p.m
Wednesday 25/11/2026	DSC1	1	Physical Chemistry – I (M2611-DSC-11/ M2607-DSC-11/M2612-DSC-11/M2609-DSC-11/M2610-DSC-11/M2608-DSC-11/M2606-DSC-11)
Friday 27/11/2026	DSC2	2	Organic Chemistry– I (M2611-DSC-12/M2607-DSC-12/M2612-DSC-12/M2609-DSC-12/M2610-DSC-12/M2608-DSC-12/M2606-DSC-12)
Monday 30/11/2026	DSE1A DSE1B DSE1C	3 4 5	Inorganic Chemistry –I (M2611-DSE-1A/ M2607-DSE-1A/M2612-DSE-1A/M2609-DSE-1A/M2610-DSE-1A/M2608-DSE-1A/M2606-DSE-1A) OR Chemistry in Life Sciences (M2611-DSE-1B/M2607-DSE-1B/ M2612-DSE-1B/M2609-DSE-1B/M2610-DSE-1B/M2608-DSE-1B/M2606-DSE-1B) OR Medicinal Chemistry (M2611-DSE-1C/M2607-DSE-1C/M2612-DSE-1C/M2609-DSE-1C/M2610-DSE-1C/M2608-DSE-1C/M2606-DSE-1C)
Wednesday 02/12/2026	RM	6	Research Methodology (M2611-RM-11/M2607-RM-11/M2612-RM-11/M2609-RM-11/M2610-RM-11/M2608-RM-11/M2606-RM-11)

Sem–I(NEP CBCS Pattern-2023) (New w.e.f.June 2023)
(old up to Mar-2027)

Day&Date	Paper No.	Sr. No.	Subject Time: 3:00 p.m. to 5:30 p.m
Wednesday 25/11/2026	DSC1	7	Physical Chemistry –I (2324101/2325101/2326101/2327101)(2302101/2303101/ 2304101/2305101)
Friday 27/11/2026	DSC2	8	Organic Chemistry– I (2324102/2325102/2326102/2327102)(2302102/2303102/ 2304102/2305102)
Monday 30/11/2026	DSE1A DSE1B DSE1C	9 10 11	Inorganic Chemistry –I (2324107/2325107/2326107/2327107)(2302107/2303107/ 2304107/2305107) OR Chemistry in Life Sciences(2324108/2325108/2326108/2327108) (2302108/2303108/2304108/2305108) OR Medicinal Chemistry(2324109/2325109/2326109/2327109) (2302109/2303109/2304109/2305109)

Wednesday 02/12/2026	RM	12	Research Methodology (2324103/2325103/2326103/2327103)(2302103/2303103/2304103/2305103)

M.Sc. **Pharmaceutical Chemistry (w.e.f.June 2020)** **Sem–I (CBCS Pattern-2020)**			
Day&Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 3:00 p.m. to 06:00 p.m**
Wednesday 25/11/2026		13	Analytical Chemistry–I(MSC05108)

[1] Organic Chemistry	**[2] Industrial Chemistry**	**[3] Polymer Chemistry**
[4] Physical Chemistry	**[5] Analytical Chemistry**	**[6] Inorganic Chemistry**
[7] Pharmaceutical Chemistry [8] Medical Chemistry		

Sem–II(NEPCBCSPattern-2023)(New w.e.f.Nov2023)

Day&Date	**PaperNo.**	**Sr. No.**	**Subject** **Time: 12:00 p.m. to 2:30 p.m**
Thursday 26/11/2026	DSC-3	14	Physical Chemistry - II(2326201/2325201/2324201/2302201/2304201/2305201/2303201/2327201)
Saturday 28/11/2026	DSC-4	15	Organic Chemistry - II(2326202/2325202/2324202/2302202/2304202/2305202/2303202/2327202)
Tuesday 01/12/2026	DSE-2	16 17 18	A) Inorganic Chemistry - II(2326207/2325207/2324207/2302207/2304207/2305207/2303207/2327207) **OR** B) Green Chemistry (2326208/2325208/2324208/2302208/2304208/2305208/2303208/2327208) OR C) Industrial Chemicals and Environment (2326209/2325209/2324209/2302209/2304209/2305209/2303209/2327209)

[1]Organic Chemistry	[2]Industrial Chemistry	[3]Polymer Chemistry
[4]Physical Chemistry	[5]Analytical Chemistry	[6]Inorganic Chemistry
[7]Pharmaceutical Chemistry [8] Medical Chemistry		

Sem–II (w.e.f.Nov2020)(CBCSPattern-2020)

Day&Date	PaperNo.	Sr. No.	Subject Time: 12:00 p.m. to 2:30 p.m
Thursday 26/11/2026	OET	19	Analytical Chemistry-II(MSC05210)

Organic Chemistry Sem–III(New w.e.f.June2024)
(NEP CBCSPattern-2023)

Day&Date	Paper No.	Sr. No.	Subject Time: 12:00 p.m. to 2:30 p.m
Wednesday 25/11/2026	DSC-5	20	Advanced Spectroscopic Methods (2326301)
Friday 27/11/2026	DSC-6	21	Photochemistry and Pericyclic Reactions (2326302)
Monday 30/11/2026	DSE-3	22 OR 23	A) Advanced Organic Chemistry (2326306) B) Applied Organic Chemistry (2326307)

Organic Chemistry Sem–IV (New w.e.f.Nov 2024)
(NEP CBCSPattern-2023)

Day&Date	Paper No.	Sr. No.	Subject Time: 3:00p.m.to 5:30p.m.
Thursday 26/11/2026	DSC 7	24	Modern Organic Chemistry (2326401)
Saturday 28/11/2026	DSC 8	25	Chemistry of Bioactive Heterocycles (2326402)
Tuesday 01/12/2026	DSE-4A	26 OR 27 28	A] Retrosynthesis and Disconnection Approach (2326405) B] Medicinal Chemistry (2326406) C] Advanced Organic Chemistry–II (MSC07401)

Industrial Chemistry Sem– III(New w.e.f. June 2024) (NEP CBCSPattern-2023)			
Day&Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 12:00 p.m. to 2:30 p.m**
Wednesday 25/11/2026	DSC-5	29	Unit operations of chemical Engineering (2325301)
Friday 27/11/2026	DSC-6	30	Unit process in Chemical Industries (2325302)
Monday 30/11/2026	DSE-3	31 32	Industrial Analytical Chemistry-I (2325306) OR Industrial Analytical Chemistry-II(2325307)

Industrial Chemistry Sem–IV (New w.e.f. Nov 2024) (NEP CBCS Pattern-2023)			
Day&Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 3:00 p.m. to 5:30p.m**
Thursday 26/11/2026	DSC-7	33	PollutionMonitoringandControl(2325401)
Saturday 28/11/2026	DSC-8	34	Industrial Management and Nonconventional energy sources (2325402)
Tuesday 01/12/2026	DSE-4	35 36	A] Nanomaterial and its Characterization (2325405) OR B] Organic Spectroscopic Technique (2325406)

Polymer Chemistry Sem–III(New w.e.f.June 2024) (NEP CBCSPattern-2023)			
Day&Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 12:00 p.m. to 2:30 p.m**
Wednesday 25/11/2026	DSC-5	37	Fundamentals of Polymer Science (2324301)
Friday 27/11/2026	DSC-6	38	Chain Polymerization Mechanism and Kinetics (2324302)
Monday 30/11/2026	DSE-3	39 40	A) Polymer Analysis and Characterization techniques (2324306) **OR** B) Physical Chemistry of Polymers(2324307)

Polymer Chemistry Sem–IV(New w.e.f.Nov2024) (NEP CBCSPattern-2023)			
Day&Date	**PaperNo.**	**Sr. No.**	**Subject** **Time: 3:00 p.m.to5:30p.m**
Thursday 26/11/2026	DSC 7	41	Industrial Polymer Science (2324401)
Saturday 28/11/2026	DSC 8	42	Paints and Coatings Technology (2324402)
Tuesday 01/12/2026	DSE4	43 OR 44	A] Processing Technology and Polymer Properties (2324405) B] Selected Topics in Polymers (2324406)

Physical Chemistry Sem–III (Neww.e.f.June2024) (NEP CBCSPattern-2023)			
Day&Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 12:00 p.m. to 2:30 p.m**
Wednesday 25/11/2026	DSC-5	45	Quantum Chemistry (2302301)
Friday 27/11/2026	DSC-6	46	Electrochemistry and Chemical Kinetics (2302302)
Monday 30/11/2026	DSE-3	47 OR 48 OR 49	a) Solid State Chemistry (2302306) b) Biophysical Chemistry (2302307) c) Radiation and Photochemistry (2302308)

Physical Chemistry Sem–IV(New w.e.f.Nov 2024) (NEP CBCSPattern-2023)			
Day&Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 3:00 p.m.to5:30p.m**
Thursday 26/11/2026	DSC-7	50	Statistical Mechanics and Irreversible Thermodynamics (2302401)
Saturday 28/11/2026	DSC-8	51	Molecular Structure (2302402)
Tuesday 01/12/2026	DSE-4	52 OR 53 OR 54	A] Surface Chemistry (2302405) B] Chemistry of Materials (2302406) C] Nuclear and Radiation Chemistry (2302407)

Analytical Chemistry Sem–III (New w.e.f.June 2024) (NEP CBCSPattern-2023)			
Day&Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 12:00 p.m. to 2:30 p.m**
Wednesday 25/11/2026	DSC-5	55	Advance Separation Techniques (2304301)
Friday 27/11/2026	DSC-6	56	Instrumental Methods of Chemical Analysis-I (2304302)
Monday 30/11/2026	DSE-3	57 58	A) Analytical Spectroscopy (2304306) OR B) Applied Analytical Chemistry (2304307)

Analytical Chemistry Sem–IV(New w.e.f.Nov2024) (NEP CBCSPattern-2023)			
Day&Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 3:00 p.m.to 5:30 p.m**
Thursday 26/11/2026	DSC-7	59	Advanced Analytical Techniques (2304401)
Saturday 28/11/2026	DSC-8	60	Instrumental Methods of Chemical Analysis-II (2304402)
Tuesday 01/12/2026	DSE-4	61 62 63	A] Biochemical and Food Analysis (2304405) OR B] Pharmaceutical Analysis (2304406) OR C]Environmental Chemical Analysis (2304407)

Pharmaceutical Chemistry Sem–III (New w.e.f.June2024) (NEP CBCS Pattern-2023)			
Day&Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 12:00 p.m. to 2:30 p.m**
Thursday 26/11/2026	DSC-5	64	Advanced Spectroscopic Methods (2303301)
Saturday 28/11/2026	DSC-6	65	Drug Development (2303302)
Tuesday 01/12/2026	DSE-3	66 67	A) Modern Pharmaceutical Analytical Techniques (2303306) OR B) Biochemistry (2303307)

Pharmaceutical Chemistry Sem–III (w.e.f.June 2021) (CBCS Pattern-2020)			
Day&Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 12:00 p.m. to 3:00 p.m**
Thursday 26/11/2026	HCT3.1	68	Advanced Organic Chemistry-I(MSC012301)
Saturday 28/11/2026	HCT3.2	69	Chemistry of Bioactive Heterocycles (MSC012302)
Tuesday 01/12/2026	OET	70	Medicinal Chemistry (MSC012310)

Pharmaceutical Chemistry Sem–IV(New w.e.f.June2024) (NEP CBCSPattern-2023)			
Day&Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 3:00 p.m.to5:30p.m**
Thursday 26/11/2026	HCT-401	71	Advanced Organic Chemistry-II (2303401)
Saturday 28/11/2026	HCT-402	72	Drugs and Heterocycles (2303402)
Tuesday 01/12/2026	HCT-403	73 74 75	A] Pharmaceutical Dosage Forms (2303405) OR B] Pharmaceutical Technology (2303406) OR C] Photochemistry and Pericyclic Reactions (MSC012401)

M.Sc. **Pharmaceutical Chemistry (w.e.f.June 2020)** **Sem–IV** (CBCS Pattern-2020)			
Day&Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 3:00 p.m. to 06:00 p.m**
Thursday 26/11/2026	SCT4.1	76	Pharmaceutical Technology (MSC012408)

MEDICINAL CHEMISTRY Sem–III (New w.e.f.June 2024) (NEP CBCSPattern-2023)			
Day&Date	**Paper No.**	**Sr. No.**	**Subject** **Time: 12:00 p.m. to 2:30 p.m**
Wednesday 25/11/2026	DSC-5	77	Advanced Spectroscopic Methods (2327301)
Friday 27/11/2026	DSC-6	78	Drug Development (2327302)
Monday 30/11/2026	DSE-3	79 80	A) Advanced Organic Chemistry (2327306) OR B) Biochemistry (2327307)

MEDICINAL CHEMISTRY Sem–IV(New w.e.f.Nov.2024) (NEP CBCSPattern-2023)			
Day&Date	**PaperNo.**	**Sr. No.**	**Subject** **Time: 3:00 p.m.to5:30p.m**
Thursday 26/11/2026	DSC-7	81	Modern Organic Chemistry (2327401)
Saturday 28/11/2026	DSC-8	82	Drug & Heterocycles (2327402)
Tuesday 01/12/2026	DSE-4A	83 84	A] Pharmaceutical Dosage Forms (2327405) OR B] Pharmaceutical Technology (2327406)

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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 Equivlence
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.ScPharmacutical Chemistry Sem-I OLD	Pattern 2023 Paper Code	M.ScPharmacutical 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 Equivlence
MSC05109	Chemistry in Life Sciences	2303108	Chemistry in Life Sciences
Pattern 2020 Paper Code	M.ScPharmacutical Chemistry Sem-II OLD	Pattern 2023 Paper Code	M.ScPharmacutical 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	2326402	Chemistry of Bioactive Heterocycles
MSC07306	Photochemistry and Pericyclic Reactions	2326302	Photochemistry and Pericyclic Reactions
MSC07307	Drug Development		No Equivalence
MSC07310	Applied Organic Chemistry	2326307	Applied Organic Chemistry

Pattern 2020 Paper Code	M.ScPharmacutical Chemistry Sem-III OLD	Pattern 2023 Paper Code	M.ScPharmacutical 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

Pattern 2020 Paper Code	M.Sc Organic Chemistry Sem-IV OLD	Pattern 2023 Paper Code	M.Sc Organic Chemistry Sem-IV NEW
MSC07401	Advanced Organic Chemistry –II		No Equivalence
MSC07402	Modern Organic Chemistry	2326401	Modern Organic Chemistry
MSC07403	Chemistry of Natural Products		No Equivalence
MSC07408	Medicinal Chemistry	2326406	Medicinal Chemistry
MSC07409	Pharmaceutical Technology		No Equivalence