

## PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

## EXAM OF 2025 SEMESTER PATTERN EXAMINATION

## REVISED DRAFT PROGRAM OF M.SC (BIOTECHNOLOGY) 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. one ach 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.AspertheRightsofPersonwithDisabilitiesAct-2016thepersonswithDisabilitiesaregiven20minutesextra foroneperhourfortheOnline/Offlineexam . (केंद्र शासनाच्या अपंग व्यक्ती अधिकार अधिनियम २०१६ मधील तरतूदीनुसार अपंग विद्यार्थ्यांना ऑनलाईन व ऑफलाईन परीक्षेमध्ये सर्वसाधरण विद्यार्थ्यांपेक्षा १ तासाला कमीत कमी 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<br>Abbreviation | Place  |
|--------|---------|-------------------------|--|
| 1      | SOLAPUR | VASU                    | Vasundhara Kala Mahavidhyalaya, Jule<br>Solapur          |
| 2      |         | PAHSUS                  | PUNYASHLOK AHILYADEVI<br>HOLKARSOLAPURUNIVERSITY,SOLAPUR |
| 3      | WADALA  | MMW                     | Mauli Mahavidyalaya, Wadala                              |
| 4      | WADALA  | LOK                     | Lokmangal College, Wadala                                |

| Biotechnology Sem-I (New w.e.f.June 2023) (NEP CBCS Pattern-2023) |              |            |  |  |  |  |
|---|--------------|------------|--|--|--|--|
| Day & Date  | Paper<br>No. | Sr.<br>No. | Subject<br>Time:3:00p.m.to5:30p.m.             |  |  |  |
| Wednesday<br>15/10/2025   | DSC1         | 1          | Biochemistry and Enzymology (2311101)          |  |  |  |
| Friday<br>17/10/2025  | DSC2         | 2          | Cell and Molecular Biology (2311102)           |  |  |  |
| Tuesday<br>28/10/2025   | DSE1A        | 3          | Biostatistics and Bioinformatics (2311107) OR  |  |  |  |
|   | DSE1B        | 4          | Nano materials and Fabrication (2311108)       |  |  |  |
|   | DSE1C        | 5          | OR Plant breeding and Tissue Culture (2311109) |  |  |  |
| Wednesday<br>15/10/2025   | RM           | 6          | Research methodology (2311103)                 |  |  |  |

| Biotechnology SEM-II (New w.e.f.Nov.2023) (NEP CBCS Pattern-2023) |              |            |  |  |
|---|--------------|------------|--|--|
| Day &Date   | Paper<br>No. | Sr.<br>No. | Subject Time: 11:00 a.m. to 1:30 p.m                   |  |
| Tuesday<br>14/10/2025   | DSCT3        | 7          | Microbiology and Microbial Techniques (2311201)        |  |
| Thursday<br>16/10/2025  | DSCT4        | 8          | Immunology and Immuno techniques (2311202)             |  |
| Saturday<br>18/10/2025  | DSE2A        | 9          | A) Inheritance Biology (2311207) OR                    |  |
|   | DSE2B        | 10         | B) Molecular Medicine (2311208)  OR                    |  |
|   | DSE2C        | 11         | C) Cancer Genetics and Animal Tissue Culture (2311209) |  |

|                         | Biotechnology Sem-III (New w.e.f. June 2024)  (NEP CBCS Pattern-2023) |            |  |  |  |  |
|-------------------------|---|------------|--|--|--|--|
| Day & Date              | Paper<br>No.  | Sr.<br>No. | Subject<br>Time: 11:00 a.m. to 1:30 p.m              |  |  |  |
| Wednesday<br>15/10/2025 | DSC-5   | 12         | Industrial and Environmental Biotechnology (2311301) |  |  |  |
| Friday<br>17/10/2025    | DSC-6   | 13         | Genetic Engineering (2311302)                        |  |  |  |
| Tuesday<br>28/10/2025   | DSE-3   | 14         | A) Plant Biotechnology (2311306) OR                  |  |  |  |
|                         |   | 15         | B) Molecular Diagnostics (2311307)  OR               |  |  |  |
|                         |   | 16         | C) Advanced Pharmaceiticals(2311308)                 |  |  |  |

| Biotechnology Sem-IV(New w.e.f.Nov 2024) (NEP CBCS Pattern-2023) |  |    |  |  |  |
|--|--|----|--|--|--|
| Day &Date Paper Sr. Subject No. Time:3:00 p.m.to 05:30p.m        |  | -  |  |  |  |
| Tuesday<br>14/10/2025  | DSC 7  | 17 | Advanced Analytical Techniques (2311401)   |  |  |
| Thursday<br>16/10/2025   | DSC 8  | 18 | Bio nanotechnology (2311402)   |  |  |
| Saturday<br>18/10/2025   | Saturday DSE 4A: 19 A) Animal Biotech<br>B/10/2025 DSC 4B: 20 B) Medical Biotech |    | A) Animal Biotechnology (2311405) B) Medical Biotechnology (2311406) C) Advanced Pharmacognosy (2311407) |  |  |

| Biotechnology Sem-IV(New w.e.f.Nov 2021) (CBCS Pattern-2020) (Old up to Oct-2025) |  |    |  |  |
|---|--|----|--|--|
| Day &Date   | Paper Sr. Subject No. No. Time:3:00p.m.to6:00p.m     |    | _  |  |
| Tuesday<br>14/10/2025   | HCT4.1   | 22 | Animal Biotechnology and Stem Cell technology (MSC33401)               |  |
| Thursday<br>16/10/2025  | HCT4.2   | 23 | Advanced analytical Techniques(MSC33402)                               |  |
| Saturday<br>18/10/2025  | HCT4.3   | 24 | Research Methodology and Intellectual property Rights (IPR) (MSC33403) |  |
| Monday<br>27/10/2025  | 27/10/2025 Bionanotechnology(MSC33406)  SCT4.2 26 OR |    | ,  |  |
|   |  |    | OR E) Advanced Pharmacognosy (MSC33407)                                |  |

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<br>2020<br>Paper Code | M.Sc Biotechnology Sem-I OLD     | Pattern<br>2023<br>Paper<br>Code | M.Sc Biotechnology Sem-I NEW     |
|-------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSC33101                      | Microbiology                     |                                  |                                  |
| MSC33102                      | Concept of Biochemistry          |                                  |                                  |
| MSC33103                      | Inheritance Biology              |                                  |                                  |
| MSC33108                      | Biostatistics and Bioinformatics | 2311107                          | Biostatistics and Bioinformatics |
| MSC33109                      | Nano-Materials Fabrication       | 2311108                          | Nano materials and Fabrication   |
| Pattern<br>2020<br>Paper Code | M.Sc Biotechnology Sem-II OLD    | Pattern<br>2023<br>Paper<br>Code | M.Sc Biotechnology Sem-II NEW    |
| MSC33201                      | Cell Biology                     |                                  |                                  |
| MSC33202                      | Enzyme Technology                | 2311202                          | Immunology and Immuno techniques |
| MSC33206                      | Molecular Cell Processing        |                                  |                                  |
| MSC33207                      | Molecular Medicine               | 2311208                          | Molecular Medicine               |

| Pattern<br>2020<br>Paper<br>Code | M.Sc Biotechnology Sem-III OLD          | Pattern 2023<br>Paper Code | M.Sc Biotechnology Sem-III NEW |
|----------------------------------|---|----------------------------|--------------------------------|
|                                  | Industrial and Environmental            |                            | Industrial and Environmental   |
| MSC33301                         | Biotechnology                           | 2311301                    | Biotechnology                  |
| MSC33302                         | Genetic Engineering                     | 2311302                    | Genetic Engineering            |
| MSC33306                         | Plant Biotechnology                     | 2311306                    | Plant Biotechnology            |
| MSC33307                         | Cancer Genetics and Animal Cell culture |                            | No Equivleance                 |
| MSC33311                         | Advanced Pharmaceuticals                | oet paper                  | oet paper                      |