

**SHIVAJI COLLEGE**  
**PRACTICAL DATE SHEET (IV and VI Sem)**  
**(April-May 2022)**

**(Timings: M: 9.00a.m-12.00p.m.; E: 12.30p.m.-3.30p.m.)**

| Date     | Course                           | Sem | Paper                                  | Day |   | Batch        | Lab           |
|----------|----------------------------------|-----|--|-----|---|--------------|---------------|
| 20.04.22 | Physics (H)                      | IV  | SEC                                    | Wed |   | Compl. batch | Phy Lab I, II |
| 25.04.22 | Applied Physical Science (Phy.)  | VI  | Solid State Physics                    | Mon | E | H1           | Phy Lab I, II |
| 25.04.22 | Life Science (Bot SEC)           | VI  | IPR                                    | Mon | M | Compl. batch | I             |
| 25.04.22 | Life Science (Zoo SEC)           | VI  | Apiculture (SEC)                       | Mon | M | Z1           | II            |
|          |                                  |     |  |     | E | Z2           |               |
| 25.04.22 | Physics (H)                      | VI  | Communication System                   | Mon | M | H3           | Phy Lab I, II |
| 25.04.22 | Physics (H)                      | VI  | Electromagnetic Theory                 | Mon | M | H4           | Phy Lab I, II |
| 25.04.22 | Physics (H)                      | VI  | Statistical Mechanics                  | Mon | M | H2           | Comp lab II   |
| 25.04.22 | Zoology (H)                      | IV  | Research Methodology (SEC)             | Tue | M | Comp. batch  | Comp lab IV   |
| 26.04.22 | Applied Physical Science (Phy.)  | VI  | Solid State Physics                    | Tue | E | H2           | Phy Lab I, II |
| 26.04.22 | Botany (H) SEC                   | IV  | Biofertilizer                          | Tue | M | Comp. batch  | Bot lab I     |
| 26.04.22 | Physical Science                 | VI  | IT Skills for Chemist (SEC)            | Tue | M | Comp. batch  | Comp. Lab 3   |
| 26.04.22 | Life Sc. (Sec A &B) Chem         | VI  | IT Skills for Chemist (SEC)            | Tue | M | Comp. batch  | Comp. Lab 4   |
| 26.04.22 | Chemistry (H)                    | IV  | Analytical Clinical Biochemistry (SEC) | Tue | M | Comp. batch  | Chem lab I    |
| 26.04.22 | Physical Science & Life Sciences | IV  | Analytical Clinical Biochemistry (SEC) | Tue | M | Comp. batch  | Chem lab II   |

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|----------|--------------------------------|----|--|------|---|-------------|---------------------|
| 26.04.22 | Life Science (Bot SEC)         |    | Medicinal Botany   | Tue  | M | Comp. batch | Bot lab II          |
| 26.04.22 | Life Science (Zoo SEC)         | IV | Aquarium Fish Keeping (SEC)  | Tue  | M | Z1          | Zoo lab II          |
|          |                                |    |  |      | E | Z2          |                     |
| 26.04.22 | Physics (H)                    | VI | Communication System   | Tue  | M | H1          | Phy lab I, II       |
| 26.04.22 | Physics (H)                    | VI | Electromagnetic Theory   | Tue  | M | H2          | Phy lab I, II       |
| 26.04.22 | Physics (H)                    | VI | Statistical Mechanics  | Tue  | M | H3          | Comp lab II         |
| 28.04.22 | App. Phy. Sc. (Comp. Sc.)      | VI | Computer Networks  | Thur | M |             | Comp. lab I and III |
| 28.04.22 | Biochemistry (H)               | VI | Immunology   | Thur | E | Comp. batch | Lab I               |
| 28.04.22 | Biochemistry (H)               | IV | Human Physiology   | Thur | M | Comp. batch | Lab I               |
| 28.04.22 | Botany (H)                     | VI | Plant Metabolism   | Thur | M | Comp. batch | Lab I               |
| 28.04.22 | Chemistry (H)                  | VI | Inorganic Chemistry-IV, Organometallic Chemistry & Bio-inorganic Chemistry                 | Thur | M | Comp. batch | Lab I               |
| 28.04.22 | Life Science (Sec A) Botany    | IV | Plant Physiology and Metabolism  | Thur | M | B1          | Lab II              |
|          |                                |    |  |      | E | B2          |                     |
| 28.04.22 | Life Science (Sec A) Chemistry | VI | Organometallics, Bio-inorganic Chemistry, Polynuclear Hydrocarbons and UV, IR Spectroscopy | Thur | M | Comp. batch | Lab II              |
| 28.04.22 | Physics (H)                    | VI | Communication System   | Thur | M | H2          | Phy Lab I, II       |
| 28.04.22 | Physics (H)                    | VI | Electromagnetic Theory   | Thur | M | H1          | Lab I, II           |
| 28.04.22 | Physics (H)                    | VI | Statistical Mechanics  | Thur | M | H4          | Comp lab II         |
| 28.04.22 | Physical Science               | VI | Solid State Physics  | Thur | E | Comp. batch | Lab I, II           |
| 28.04.22 | Zoology                        | VI | Developmental biology  | Thur | M | Comp. batch | Lab I               |

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|----------|----------------------------------|----|--|------|---|-------------|-------------|
| 28.04.22 | Zoology                          | IV | Comparative Anatomy of Vertebrate  | Thur | M | Z1          | Lab II      |
|          |                                  |    |  |      | E | Z2          |             |
| 29.04.22 | Biochemistry (H)                 | VI | Molecular Basis of Infectious Diseases   | Fri  | E | Comp. batch | Lab 1       |
| 29.04.22 | Botany (H)                       | VI | Plant Biotechnology  | Fri  | M | Comp. batch | Lab I       |
| 29.04.22 | Chemistry (H)                    | VI | Organic Chemistry – V Spectroscopy & Applied Organic Chemistry                             | Fri  | M | Comp. batch | Lab I       |
| 29.04.22 | Geography (H)                    | VI | Disaster Management based Project Report   | Fri  | M |             |             |
| 29.04.22 | Life Science Sec B (Botany)      | IV | Plant Physiology and Metabolism  | Fri  | M | B3          | Lab II      |
|          |                                  |    |  |      | E | B4          |             |
| 29.04.22 | Life Science (Sec B) Chemistry   | VI | Organometallics, Bio-inorganic Chemistry, Polynuclear Hydrocarbons and UV, IR Spectroscopy | Fri  | M | Comp. batch | Lab II      |
| 29.04.22 | Physics (H)                      | VI | Communication System   | Fri  | M | H4          | Lab I, II   |
| 29.04.22 | Physics (H)                      | VI | Electromagnetic Theory   | Fri  | M | H3          | Lab I, II   |
| 29.04.22 | Physics (H)                      | VI | Statistical Mechanics  | Fri  | M | H1          | Comp lab II |
| 29.04.22 | App. Phy. Science                | VI | Solid State Physics  | Fri  | E | H3          | Lab I, II   |
| 29.04.22 | Physical Education (GE)          | IV | Fitness and Exercise Management  | Fri  | M |             |             |
| 29.04.22 | Life Science Sec A (Zoology)     | IV | Genetic and Evolutionary Biology   | Fri  | M | Z1          | Lab II      |
|          |                                  |    |  |      | E | Z2          |             |
| 29.04.22 | Zoo (GE) for Botany (H) students | IV | Animal Cell Biotechnology (GE)   | Fri  | M | Z1          | Lab I       |
|          |                                  |    |  |      | E | Z2          |             |
| 29.04.22 | Zoology                          | VI | Evolutionary Biology   | Fri  | M | .....       | Comp. lab I |

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|----------|-----------------------------|----|--|-----|---|-------------|--------------|
| 30.04.22 | B.Com (H)                   | IV | Computer applications in business  | Sat | M | .....       | Comp lab 4   |
| 30.04.22 | Botany (H)                  | VI | Bioinformatics   | Sat | M | Comp. batch | Comp lab 3   |
| 30.04.22 | Botany (H)                  | IV | Plant Ecology  | Sat | M | B1          | Lab I        |
| 30.04.22 | Chemistry (H)               | VI | Analytical Methods in Chemistry  | Sat | M | Comp. batch | Lab I        |
| 30.04.22 | Life Science Sec A (Botany) | VI | Analytical Techniques in plant sciences  | Sat | M | B1          | Lab II       |
|          |                             |    |  |     | E | B2          |              |
| 30.04.22 | Physics (H)                 | IV | Elements of Modern Physics   | Sat | M | H1          | Lab I, II    |
| 30.04.22 | Physics (H)                 | IV | Mathematical Physics-III   | Sat | M | H2          | Comp. lab II |
| 30.04.22 | Physics (H)                 | IV | Analog System & Applications   | Sat | M | H3          | Lab I, II    |
| 30.04.22 | Physical Science (Chem)     | VI | Organometallics, Bio-inorganic Chemistry, Polynuclear Hydrocarbons and UV, IR Spectroscopy | Sat | M | Comp. batch | Lab II       |
| 30.04.22 | Physical Science (Physics)  | IV | Wave and Optics  | Sat | E | Comp. batch | Lab I, II    |
| 30.04.22 | Zoology (H)                 | VI | Animal Biotechnology   | Sat | M | Comp. batch | Lab II       |
| 30.04.22 | Zoology (H)                 | IV | Physiology: Life Sustaining Systems  | Sat | M | Z1          | Lab I        |
|          |                             |    |  |     | E | Z2          |              |
| 2.05.22  | Biochemistry (H)            | VI | Advanced Methodologies   | Mon | E | Comp. batch | Lab 1        |
| 2.05.22  | Biochemistry (H)            | IV | Metabolism of Amino Acids and Nucleotides  | Mon | M | Comp. batch | Lab 1        |
| 2.05.22  | Botany (H)                  | IV | Molecular Biology  | Mon | M | H           | Lab I        |
| 2.05.22  | Chemistry (H)               | VI | Applications of Computers in Chemistry   | Mon | M | Comp. batch | Comp lab 1&3 |
| 2.05.22  | Chemistry (H)               | IV | Physical Chemistry-IV Conductance and Chemical Kinetics                                    | Mon | M | Comp. batch | Lab I        |
| 2.05.22  |                             | VI |  | Mon | M | B3          | Lab II       |

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|---------|--------------------------------|----|--|-----|---|-------------|--------------------|
|         | Life Science Sec B (Botany)    |    | Analytical Techniques in Plant Sciences                                    |     | E | B4          |                    |
| 2.05.22 | Life Science Sec A (Chemistry) | IV | Chemistry of s- and p-block elements, States of Matter & Chemical Kinetics | Mon | M | Comp. batch | Lab II             |
| 2.05.22 | Life Science Sec B (Zoology)   | IV | Genetic & Evolutionary Biology   | Mon | M | Z3          | Zoo lab II         |
|         |                                |    |  |     | E | Z4          |                    |
| 2.05.22 | Mathematics (H)                | VI | Complex Analysis   | Mon | M | M1          | Comp lab 4         |
|         |                                |    |  |     | E | M2          |                    |
| 2.05.22 | Physics (H)                    | IV | Elements of Modern Physics   | Mon | M | H2          | Lab I, II          |
| 2.05.22 | Physics (H)                    | IV | Mathematical Physics-III   | Mon | M | H3          | Comp. lab II       |
| 2.05.22 | Physics (H)                    | IV | Analog System & Applications   | Mon | M | H1          | Lab I, II          |
|         |                                |    |  |     |   |             |                    |
| 2.05.22 | Zoology                        | IV | Biochemistry of Metabolic Processes  | Mon | M | Z1          | Lab I              |
|         |                                |    |  |     | E | Z2          |                    |
| 4.05.22 | App Phy Sc                     | IV | Computer System Architecture   | Thu | M |             | Comp lab I and III |
| 4.05.22 | Biochemistry (H)               | VI | Genetic Engineering and Biotechnology                                      | Wed | E | Comp. batch | Lab I              |
| 4.05.22 | Biochemistry (H)               | IV | Gene Organization, Replication and Repair                                  | Wed | M | Comp. batch | Lab I              |
| 4.05.22 | Chem (H)                       | IV | Organic Chemistry-III: Heterocyclic Chemistry                              | Wed | M | Comp. batch | Lab I              |
| 4.05.22 | Geography (H)                  | IV | Field work & Research Methodology  | Wed | M |             |                    |
| 4.05.22 | Life Science Chemistry (Sec B) | IV | Chemistry of s- and p-block elements, States of Matter & Chemical Kinetics | Wed | M | Comp. batch | Lab II             |
| 4.05.22 | Life Science Zoology (Sec A)   | VI | Immunology   | Wed | M | Z1          | Lab I              |
|         |                                |    |  |     | E | Z2          |                    |
| 4.05.22 | Mathematics (H)                | IV | Partial Differential Equations   | Wed | M | M1          | Comp lab 4         |
|         |                                |    |  |     | E | M2          |                    |

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|---------|--|----|---|-----|---|--------------|--------------|
| 4.05.22 | Physics (H)                                    | IV | Elements of Modern Physics  | Wed | M | H3           | Lab I, II    |
| 4.05.22 | Physics (H)                                    | IV | Mathematical Physics-III  | Wed | M | H1           | Comp. lab II |
| 4.05.22 | Physics (H)                                    | IV | Analog System & Applications  | Wed | M | H2           | Lab I, II    |
| 4.05.22 | Zoology (H)                                    | VI | Wild Life Conservation and Management   | Wed | M | Comp. batch  | Lab II       |
| 5.05.22 | App. Phy. Science                              | IV | Wave and Optics   | Thu | E | H3           | Lab I, II    |
| 5.05.22 | Botany (H)                                     | IV | Plant Systematics   | Thu | M | Comp. batch  | Lab I        |
| 5.05.22 | Botany GE for Zoology (H) students             | IV | Economic Botany & Biotech   | Thu | M | Compl. batch | Lab II       |
| 5.05.22 | Chemistry (H)                                  | IV | Inorganic Chemistry-III: Coordination Chemistry                                 | Thu | M | Comp. batch  | Lab I        |
| 5.05.22 | Life Science Zoology (Sec B)                   | VI | Immunology  | Thu | M | Z3           | Lab I        |
|         |  |    |   |     | E | Z4           |              |
| 5.05.22 | Mathematics (H) SEC                            | IV | Computer Algebra Systems and Related software                                   | Thu | M | M1           | Comp lab 4   |
|         |  |    |   |     | E | M2           |              |
| 5.05.22 | Physical Science (Chem)                        | IV | Chemistry of s- and p-block elements, States of Matter & Chemical Kinetics      | Thu | M | Comp. batch  | Lab II       |
| 6.05.22 | Applied Physical Science                       | IV | Wave and Optics   | Fri | E | H1           | Lab I, II    |
| 6.05.22 | Biochemistry (H)                               | IV | Bioinformatics (SEC)  | Fri | M | Comp. batch  | Lab I        |
| 6.05.22 | Botany (H)                                     | VI | Industrial and Environ Microbiol.   | Mon | M | Comp. batch  | Lab I        |
| 7.05.22 | App. Phy. Science                              | IV | Wave and Optics   | Sat | E | H2           | Lab I, II    |
| 7.05.22 | Chem GE for Biochem, Zoo. & Maths (H) students | IV | Chemistry of s- and p-block elements, States of Matter & Chemical Kinetics (GE) | Sat | M | Comp. batch  | Lab I        |

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| 7.05.22 | Chem GE for Physics (H) students | IV | Chemistry of s- and p-block elements, States of Matter & Chemical Kinetics (GE) | Sat | M | Comp. batch | Lab II             |
| 7.05.22 | Physics (H) GE                   | IV | Thermal Physics & Statistical Mechanics GE                                      | Sat | M | Comp. batch | Lab I, II          |
| 7.05.22 | Mathematics (H) GE               | IV | Numerical Methods (GE)  | Sat | M | Comp. batch | Comp lab 4         |
| 7.05.22 | Computer Science (GE)            | IV | Information security and cyber laws   | Sat | M | Comp. batch | Comp lab I and III |