



No. UDC/ 291 /2025

Date: 23<sup>rd</sup> June, 2025

LECTURE TIME TABLE  
M. Sc. Part-I (NEP-Based) COURSE IN CHEMISTRY SEMESTER- I (2025-26)

| Name of the Teacher    | Days & Timing                                                                   | Dates                                            |                                   | Paper/Unit/Topic                                                                                             |
|------------------------|---------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------|
| Dr. S. D. Pawar        | Monday<br>(9.00 a.m. to 10.00 a.m.)                                             | July: 7, 14, 21, 28<br>Aug: 4, 11, 25            | Sept: 1, 8, 15, 22, 29            | Inorganic Chemistry-I<br>Unit IV: Chemical reactivity (12L)                                                  |
| Dr. V. R. Patil        | Monday<br>(10.00 a.m. to 11.00 a.m.)                                            | July: 7, 14, 21, 28<br>Aug: 4, 11, 25            | Sept: 1, 8, 15, 22, 29            | Physical Chemistry-I<br>Unit IV: Chemical kinetics (12 L)                                                    |
| Dr. S. B. Manjare      | Monday<br>(11.00 a.m. to 12.00 noon.)                                           | July: 7, 14, 21, 28<br>Aug: 4, 11, 25            | Sept: 1, 8, 15, 22, 29            | Organic Chemistry-I<br>Unit I: Physical Organic Chemistry (12L)                                              |
| Dr. R. G. Thorat       | Tuesday<br>(9.00 a.m. to 10.00 a.m.)                                            | July: 1, 8, 15, 22, 29<br>Aug: 5, 12             | Sept: 2, 9, 16, 23, 30            | Organic Chemistry-I<br>Unit II: Stereochemistry (12L)                                                        |
| Dr. (Mrs) S. P. Tekale | Tuesday<br>(10 a.m. to 11.00 a.m.)                                              | July: 1, 8, 15, 22, 29<br>Aug: 5, 12             | Sept: 2, 9, 16, 23, 30            | Analytical Chemistry-I<br>Unit III: Separation Methods (12L)                                                 |
| Dr. N. G. Shimpi       | Tuesday<br>(11.00 a.m. to 12.00 noon)                                           | July: 1, 8, 15, 22, 29<br>Aug: 5, 12             | Sept: 2, 9, 16, 23, 30            | Physical Chemistry-I<br>Unit I: Thermodynamics-I (12L)                                                       |
| Dr. V. V. Borge        | Tuesday<br>(12.00 noon to 1.00 p. m)                                            | July: 1, 8, 15, 22, 29<br>Aug: 5, 12             | Sept: 2, 9, 16, 23, 30            | Research Methodology<br>Unit III: Methods of Scientific Research and Writing Scientific Paper (12L)          |
| Dr. R. G. Thorat       | Wednesday<br>(9.00 a.m. to 10.00 a.m.)                                          | July: 2, 9, 16, 23, 30<br>Aug: 6, 13             | Sept: 3, 10, 17, 24<br>Oct: 1     | Organic Chemistry-I<br>Unit III: Methods of C-C bond formation using the Carbonyl function (12L)             |
| Dr. S. T. Manjare      | Wednesdays<br>(10.00 a.m. to 11.00 a.m.)                                        | July: 2, 9, 16, 23, 30<br>Aug: 6, 13             | Sept: 3, 10, 17, 24<br>Oct: 1     | Inorganic Chemistry-I<br>Unit II: Organometallic Chemistry (12L)                                             |
| Dr. A. K. Kadu         | Wednesdays<br>(11 a.m. to 12 noon)                                              | July: 2, 9, 16, 23, 30<br>Aug: 6, 13             | Sept: 3, 10, 17, 24<br>Oct: 1     | Physical Chemistry-I<br>Unit III: Phase rule and its applications (12L)                                      |
| Dr. Satish Manjare     | Wednesday<br>(12.00 noon to 1.00 p. m)                                          | July: 2, 9, 16, 23, 30<br>Aug: 6, 13             | Sept: 3, 10, 17, 24<br>Oct: 1     | Research Methodology<br>Unit I: Literature Survey (12L)                                                      |
| Dr. Aleem Ansari       | Thursday<br>(8.00 a.m. to 9.00 a. m)                                            | July: 3, 10, 17, 24, 31<br>Aug: 7                | Sept: 4, 10, 18, 25<br>Oct: 8, 15 | Research Methodology<br>Unit II: Data Analysis (12L)                                                         |
| Dr. P. M. Badani       | Thursdays<br>(9.00 a.m. to 10.00 a.m.)                                          | July: 3, 10, 17, 24, 31<br>Aug: 7                | Sept: 4, 10, 18, 25<br>Oct: 8, 15 | Physical Chemistry-I<br>Unit I: Fundamental aspects of Quantum Chemistry (12L)                               |
| Dr. B. B. Popatkar     | Thursdays<br>(10.00 a.m. to 11.00 a. m)                                         | July: 3, 10, 17, 24, 31<br>Aug: 7                | Sept: 4, 10, 18, 25<br>Oct: 8, 15 | Analytical Chemistry-I<br>Unit II: Atomic and Molecular Spectroscopy: Instrumentation and Applications (12L) |
| Dr. S. Sachar          | Thursdays<br>(11 a.m. to 12 noon)                                               | July: 3, 10, 17, 24, 31<br>Aug: 7                | Sept: 4, 10, 18, 25<br>Oct: 8, 15 | Inorganic Chemistry-I<br>Unit III: Chemical Bonding (12L)                                                    |
| Dr. Aleem Ansari       | Fridays<br>(8.00 a.m. to 9.00 a.m.)<br><br>Saturday<br>(8.00 a.m. to 9.00 a.m.) | July: 4, 11, 18, 25<br>Aug: 1, 8<br><br>July: 19 | Sept: 12, 19, 26<br>Oct: 3, 10    | Research Methodology<br>Unit IV: Chemical Safety and ethical Handling of Chemicals (12L)                     |

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| Dr. N. M. Matkar | Fridays<br>(9.00 a.m. to 10.00 a.m.)<br><br>Saturday<br>(9.00 a.m. to 10.00 a.m.)   | July: 4, 11, 18, 25<br>Aug: 1, 8<br><br>July: 19 | Sept: 12, 19, 26<br>Oct: 3, 10 | Analytical Chemistry-I<br><br>Unit I: Fundamentals in Analytical Chemistry (12L) |
| Dr. S. S. Garje  | Fridays<br>(10.00 a.m. to 11.00 a.m.)<br><br>Saturday<br>(10.00 a.m. to 11.00 a.m.) | July: 4, 11, 18, 25<br>Aug: 1, 8<br><br>July: 19 | Sept: 12, 19, 26<br>Oct: 3, 10 | Inorganic Chemistry-I<br><br>Unit I: Inorganic Reaction Mechanism (12L)          |
| Dr. R. M. Kamble | Fridays<br>(11.00 a.m. to 12.00 a.m.)<br><br>Saturday<br>(11.00 a.m. to 12.00 a.m.) | July: 4, 11, 18, 25<br>Aug: 1, 8<br><br>July: 19 | Sept: 12, 19, 26<br>Oct: 3, 10 | Analytical Chemistry-I<br><br>Unit IV: Column Chromatographic Techniques (12L)   |
| Dr. V. V. Borge  | Fridays<br>(12.00 noon to 1.00 p. m.)<br><br>Saturday<br>(12.00 a.m. to 1.00 p.m.)  | July: 4, 11, 18, 25<br>Aug: 1, 8<br><br>July: 19 | Sept: 12, 19, 26<br>Oct: 3, 10 | Organic Chemistry-I<br><br>Unit IV: Spectroscopy (12L)                           |

Lectures will commence from **Tuesday, 1<sup>st</sup> July 2025**. All the students should assemble in **Room No. 6, Old lecture complex, at Vidyanagari Campus, University of Mumbai by 9.00 a.m.**

Internal Theory Examination: 14<sup>th</sup>, 16<sup>th</sup>, 18<sup>th</sup>, 20<sup>th</sup> and 22<sup>nd</sup> August, 2025

End-Semester Internal Practical Examination: (Respective section coordinator will inform)

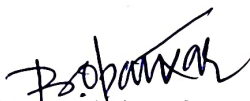
End-Semester External Practical Examination: 18<sup>th</sup> October, 2025

End-Semester Theory Examination: 11<sup>th</sup>, 13<sup>th</sup>, 15<sup>th</sup>, 18<sup>th</sup> and 20<sup>th</sup> November, 2025

Mid Term vacation: 27<sup>th</sup> August to 31<sup>st</sup> August, 2025 (both days inclusive)

Diwali vacation: 21<sup>st</sup> October to 5<sup>th</sup> November, 2025 (both days inclusive)

Semester II classes will be commencing from 24<sup>th</sup> November, 2025

  
Dr. Bhushan B. Popatkar  
Coordinator

  
Dr. Navinchandra G. Shimpi  
Professor and Head

Date: 23<sup>rd</sup> June, 2025

Place: Santacruz (E), Mumbai

रसायनशास्त्र विभाग,  
(स्वायत्त)

मुंबई विद्यापीठ

लोकमान्य टिळक भवन

विद्यानगरी,

मुंबई - ४०० ०९८. (भारत)

UDC/200/2025



DEPARTMENT OF CHEMISTRY  
(AUTONOMOUS)

University of Mumbai

Lokmanya Tilak Bhavan,

Vidyanagari,

Mumbai - 400 098. (INDIA)

Date: 23<sup>rd</sup> June, 2025

**PRACTICAL TIME TABLE**  
**M. Sc. I (NEP-Based) COURSE IN CHEMISTRY**

**SEMESTER I: 2025-2026**

Time: 2:00 noon to 5:00 p.m.

Days: Monday, Tuesday, Wednesday

| Dates                        | Batch A | Batch B | Batch C | Batch D |
|------------------------------|---------|---------|---------|---------|
| July: 7, 8, 9, 14, 15        | P       | I       | O       | A       |
| July: 16, 21, 22, 23, 28     | I       | O       | A       | P       |
| July: 29, 30<br>Aug: 4, 5, 6 | O       | A       | P       | I       |
| Aug: 11, 12, 13, 25, 26      | A       | P       | I       | O       |
| Sept: 1                      | P       | I       | O       | A       |
| Sept: 2                      | I       | O       | A       | P       |
| Sept: 3                      | O       | A       | P       | I       |
| Sept: 8                      | A       | P       | I       | O       |

**Batch A:** Roll Nos.: 125101-125120

**Batch B:** Roll Nos.: 125201-125220

**Batch C:** Roll Nos.: 125301-125320

**Batch D:** Roll Nos.: 125401-125420 & 125501-125502

P: Course code 55692 - Physical Chemistry Laboratory

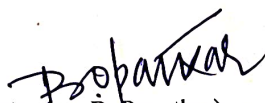
I: Course code 55792 - Inorganic Chemistry Laboratory

O: Course code 58792- Organic Chemistry Laboratory

A: Course code 55892- Analytical Chemistry Laboratory

**General Instructions:**

1. Students must wear apron in the laboratory.
2. Students are required to maintain a record of all the experiments done in the laboratory in the form of a notebook and should get signature of teacher in-charge of the practical after the experiments gets over.
3. The students should follow all the instructions given by the teacher-in-charge.

  
(Dr. Bhushan B. Popatkar)  
Coordinator

  
(Dr. Navinchandra G. Shimpi)  
Professor and Head

Date: 23<sup>rd</sup> June, 2025

Place: Santacruz (E), Mumbai