**Lesson Plan Chemistry (2025-26) Semester-1st, 3rd and 5th**

**Name of the Assistant Professor: Dr. Rekha Devi**

**Subject: Chemistry**

**BSc.I, Semester-Ist**

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| --- | --- |
| 22-Jul-27 Jul 2025 | Atomic structure |
| 28-Jul-03 Aug 2025 | Atomic structure |
| 04-Aug-10 Aug 2025 | Periodic properties |
| 11-Aug-17 Aug 2025 | Revision of Periodic properties and Acid base titrations practical |
| 18-Aug-24 Aug 2025 | Gaseous state-1 |
| 25-Aug-31 Aug 2025 | Critical Phenomena |
| 01 Sep-07 Sep 2025 | Revision of Gaseous state-1and Redox titrations of Fe2+ ion practical |
| 08 Sep-14 Sep 2025 | Structure and bonding |
| 15 Sep-21 Sep 2025 | Mechanism of Organic reactions |
| 22 Sep- 28 Sep 2025 | Revision of Mechanism of Organic reactions and Surface tension practical |
| 29 Sep -05 Oct 2025 | Liquid state |
| 06 Oct-12 Oct 2025 | Solid state |
| 13 Oct-18 Oct 2025 | Organic preparation practicals |
| 19 Oct-26 Oct 2025 | Diwali vacation |
| 27 Oct -02 Nov 2025 | Revision of Liquid state |
| 03 Nov -09 Nov 2025 | Revision of Solid state |
| 10 Nov -16 Nov 2025 | Revision and Test |
| 17 Nov -24 Nov 2025 | Practical exams |

**BSc.II, Semester-3rd**

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| 22-Jul-27 Jul 2025 | Gravimetric analysis of Ni ion |
| 28-Jul-03 Aug 2025 | Gravimetric analysis of Ni ion |
| 04-Aug-10 Aug 2025 | Gravimetric analysis of Al ion |
| 11-Aug-17 Aug 2025 | Gravimetric analysis of Al ion |
| 18-Aug-24 Aug 2025 | Colorimetry experiment |
| 25-Aug-31 Aug 2025 | Colorimetry experiment |
| 01 Sep-07 Sep 2025 | Preparatioin of Cuprous chloride |
| 08 Sep-14 Sep 2025 | Preparatioin of tetraammine cupric sulphate |
| 15 Sep-21 Sep 2025 | Determination of CST of phenol water system |
| 22 Sep- 28 Sep 2025 | Determination of solubility of Benzoic acid |
| 29 Sep -05 Oct 2025 | Determination of solubility of Benzoic acid |
| 06 Oct-12 Oct 2025 | Determination of enthaslpy of neutralization |
| 13 Oct-18 Oct 2025 | Determination of enthaslpy of neutralization |
| 19 Oct-26 Oct 2025 | Diwali vacation |
| 27 Oct -02 Nov 2025 | Determination of rate constant of hydrolysis of ethyl acetate |
| 03 Nov -09 Nov 2025 | Practice |
| 10 Nov -16 Nov 2025 | Practice |
| 17 Nov -24 Nov 2025 | Practice |

**BSc.III, Semester-5th**

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| 22-Jul-27 Jul 2025 | Introduction to Quantum Mechanics |
| 28-Jul-03 Aug 2025 | Quantum Mechanics-I |
| 04-Aug-10 Aug 2025 | Quantum Mechanics-I |
| 11-Aug-17 Aug 2025 | Quantum Mechanics-I |
| 18-Aug-24 Aug 2025 | Determine the strength of monoacids practical |
| 25-Aug-31 Aug 2025 | Physical properties and molecular structure |
| 01 Sep-07 Sep 2025 | Determination of solubility product |
| 08 Sep-14 Sep 2025 | Spectroscopy-I |
| 15 Sep-21 Sep 2025 | Spectroscopy-I |
| 22 Sep- 28 Sep 2025 | Basic radical determination |
| 29 Sep -05 Oct 2025 | Spectroscopy-II |
| 06 Oct-12 Oct 2025 | Spectroscopy-II |
| 13 Oct-18 Oct 2025 | Spectroscopy-II |
| 19 Oct-26 Oct 2025 | Diwali vacation |
| 27 Oct -02 Nov 2025 | Acidic radical determination |
| 03 Nov -09 Nov 2025 | Basic and Acidic radical determination |
| 10 Nov -16 Nov 2025 | Revision and Test |
| 17 Nov -24 Nov 2025 | Practical exams |

**BA Ist semester (MDC Chemistry)**

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| --- | --- |
| 22-Jul-03 Aug 2025 | Atomic structure |
| 04-Aug-17 Aug 2025 | Carbon and its Compounds |
| 18-Aug-31 Aug 2025 | Revision and Identification of pH practical |
| 01 Sep-14 Sep 2025 | Polymers |
| 15 Sep-28 Sep 2025 | Revision and Synthesis of Polymer |
| 29 Sep -12 Oct 2025 | Food preservatives |
| 13 Oct-18 Oct 2025 | Revision and Preservation of food items practical |
| 19 Oct-26 Oct 2025 | Diwali vacation |
| 27 Oct -16 Nov 2025 | Revision and Preparation of Artificial silk |
| 17 Nov -24 Nov 2025 | Practical exams |

**BA, B.Com. and B.Sc. 3rd semester (Waste management techniques-SEC)**

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| 22-Jul-03 Aug 2025 | Basics of solid waste management |
| 04-Aug-17 Aug 2025 | Sources, types and factors affecting solid waste management |
| 18-Aug-31 Aug 2025 | Components of solid waste management |
| 01 Sep-14 Sep 2025 | Disposal of solid waste |
| 15 Sep-28 Sep 2025 | Handling and processing of solid waste |
| 29 Sep -12 Oct 2025 | Revision and Test |
| 13 Oct-18 Oct 2025 | Land filling |
| 19 Oct-26 Oct 2025 | Diwali vacation |
| 27 Oct -16 Nov 2025 | Composting |
| 17 Nov -24 Nov 2025 | Revision and Test |