

MAHARANA PRATAP MAHAVIDYALAYA, JUNGLE DHUSAN, GORAKHPUR
Chemistry Department

Class : M. Sc. II Semester LESSON PLAN (Theory) : 2024-25 Subject : Chemistry
Course : CHE 507N (Analytical Chemistry),
Course : CHE 508N (Thermodynamics and Electrochemistry),
Course : CHE 509N (Transition Elements) &
Course : CHE 510N (Natural Products)

DATE	LECTURE	TEACHER'S NAME	CHAPTER	TOPIC
16/01/2025	1	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of the complexes of C.N.2 – Linear
16/01/2025	1	Mrs. Priyanka Mishra	CHE-510, Unit-2: Terpenoids	Acyclic monoterpenoids: Citral and geraniol
17/01/2025	2	Mrs. Priyanka Mishra	CHE-510, Unit-2: Terpenoids	Acyclic monoterpenoids: Citral and geraniol
17/01/2025	2	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of the complexes of C.N.2 – Linear
18/01/2025	3	Dr. S. K. Vernwal	CHE-510, Unit-3: Acetogenins	Classification, general method of structure determination of Flavones- Chrysin
18/01/2025	3	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of the complexes of C.N.3 - Trigonal planar, Trigonal pyramidal
20/01/2025	1	Mrs. Divya Dubey	IC-530, Unit-1: Chemistry of Atmosphere	Composition and Structure of atmosphere, Green House Effect
20/01/2025	1	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	Discussion of the nature of the curves of acid-base (including mixtures of acids)
20/01/2025	1	Dr. Ram Sahay	CHE-508, Unit- 1(a): Some Important Thermodynamic Effects and Relationships	The Joule Thomson's effect
21/01/2025	2	Mrs. Divya Dubey	IC-530, Unit-1: Chemistry of Atmosphere	Ozone Depletion, Photochemical Smog
21/01/2025	2	Dr. Ram Sahay	CHE-508, Unit-1(a): Some important thermodynamic effects and relationships	The Gibbs Helmholtz equation and its application
21/01/2025	2	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	Discussion of the nature of the curves of acid-base (including mixtures of acids)
22/01/2025	3	Mrs Namrata Mishra	IC-530, Unit- 2: Water Pollution	Water Pollution, Different Types of water pollutant
	3	Dr. Ram Sahay	CHE-508, Unit- 1(a): Some Important Thermodynamic Effects and Relationships	The Maxwell's relation
22/01/2025	CT	Mrs Namrata Mishra	CT	Class Teaching
23/01/2025	4	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of the complexes of C.N. 3 - Trigonal planar, Trigonal pyramidal
23/01/2025	4	Mrs. Priyanka Mishra	CHE-510, Unit-2: Terpenoids	Monocyclic monoterpenoids : α -Terpineol
24/01/2025	5	Dr. S. K. Vernwal	CHE-510, Unit-3: Acetogenins	Classification, general method of structure determination of Flavonols- Quercetin
24/01/2025	5	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of the complexes of C.N. 4 - Tetrahedral, Square planar
25/01/2025	6	Dr. S. K. Vernwal	CHE-510, Unit-3: Acetogenins	Classification, general method of structure determination of Flavonols- Quercetin

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25/01/2025	6	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of the complexes of C.N.4 - Tetrahedral, Square planar
27/01/2025	4	Mrs. Divya Dubey	IC-530, Unit-1: Chemistry of Atmosphere	Air Pollution, Air Sampling Technique, Sources
27/01/2025	3	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	precipitation and complexometric titrations
27/01/2025	4	Dr. Ram Sahay	CHE-508, Unit- 1(a): Some Important Thermodynamic Effects and Relationships	The Maxwell's relation
28/01/2025	5	Mrs. Divya Dubey	IC-530, Unit-1: Chemistry of Atmosphere	Effect and Monitoring of Air pollutants by Instrumental Methods
28/01/2025	5	Dr. Ram Sahay	CHE-508, Unit- 1(b): Partial Molar Properties	Partial molar quantities, (partial molar volume and partial molar Gibbs energy)
28/01/2025	4	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	Different types of electrodes
29/01/2025	6	Mrs Namrata Mishra	IC-530,Unit -2: Water Pollution	Water Pollution, Different Types of water pollutant
29/01/2025	6	Dr. Ram Sahay	CHE-508, Unit- 1(b): Partial Molar Properties	Chemical potential and variation of chemical potential with temperature and Pressure
29/01/2025	ME	Mrs Namrata Mishra	ME	Monthly Evaluation
30/01/2025	7	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of the complexes of C.N.5 - Trigonal bipyramidal, Square pyramidal, pentagonal
30/01/2025	7	Mrs. Priyanka Mishra	CHE-510,Unit-4: Carbohydrates	Structure and functions of Disaccharides-Lactose
31/01/2025	8	Mrs. Priyanka Mishra	CHE-510,Unit-4: Carbohydrates	Structure and functions of Disaccharides-Lactose
31/01/2025	8	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of C.N.6 - Octahedral, Trigonal prism
01/02/2025	9	Dr. S. K. Vernwal	CHE-510, Unit-3: Acetogenins	Classification, general method of structure determination of Anthocyanins- Cyanin
01/02/2025	9	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of C.N.6 - Octahedral, Trigonal prism
04/02/2025	7	Mrs. Divya Dubey	IC-530, Unit-1: Chemistry of Atmosphere	Control of Air Pollution
04/02/2025	7	Dr. Ram Sahay	CHE-508, Unit- 1(b): Partial Molar Properties	Chemical potential and variation of chemical potential with temperature and Pressure
04/02/2025	5	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	Discussion of the nature of the curves for oxidation-reduction and acid-base titrations
05/02/2025	8	Mrs Namrata Mishra	IC-530,Unit -2: Water Pollution	Water Pollution, Different Types of water pollutant
05/02/2025	8	Dr. Ram Sahay	CHE-508, Unit- 1(b): Partial Molar Properties	The Gibbs Duhem equation
05/02/2025	6	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	Discussion of the nature of the curves for oxidation-reduction and acid-base titrations
06/02/2025	10	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of C.N.7 - Pentagonal bipyramidal, Capped octahedral, Capped trigonal prism
06/02/2025	CT	Mrs. Priyanka	CT	Class Teaching

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		Mishra		
07/02/2025	10	Dr. S. K. Vernwal	CHE-510, Unit-3: Acetogenins	Classification, general method of structure determination of Anthocyanidins- cyanidin chlorides
07/02/2025	11	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of C.N.7 - Pentagonal bipyramidal, Capped octahedral, Capped trigonal prism
08/02/2025	11	Dr. Shiv Kumar Vernwal	CHE-510, Unit-3: Acetogenins	Classification, general method of structure determination of Anthocyanidins- cyanidin chlorides
08/02/2025	12	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of C.N.8 - Cubic, Tetragonal antiprismatic, Dodecahedral, Hexagonal bipyramidal, and Bicapped trigonal prism
10/02/2025	9	Mrs. Divya Dubey	IC-530, Unit-3: Environmental Impact Assessment	Process of Environmental impact Assessment in India, E.Sustainability
10/02/2025	7	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	Comparision with the conductometric method
10/02/2025	9	Dr. Ram Sahay	CHE-508, Unit- 1(b): Partial Molar Properties	The Gibbs Duhem equation
11/02/2025	10	Mrs. Divya Dubey	IC-530, Unit-3: Environmental Impact Assessment	Process of Environmental impact Assessment in India, E. Sustainability
11/02/2025	10	Dr. Ram Sahay	CHE-508, Unit- 1(c): Fugacity and Activity	Fugacity, variation of fugacity with temperature and pressure
11/02/2025	8	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	Cyclic voltammetry
13/02/2025	13	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of C.N.8 - Cubic, Tetragonal antiprismatic, Dodecahedral, Hexagonal bipyramidal, and Bicapped trigonal prism
13/02/2025	12	Mrs. Priyanka Mishra	CHE-510,Unit-4: Carbohydrates	Structure and functions of Disaccharides-Sucrose
14/02/2025	13	Mrs. Priyanka Mishra	CHE-510,Unit-4: Carbohydrates	Structure and functions of Disaccharides-Sucrose
14/02/2025	CT	Mrs. Divya Dubey	CT	Class Teaching
15/02/2025	14	Dr. S. K. Vernwal	CHE-510, Unit-3: Acetogenins	Classification, general method of structure determination of Anthocyanidins- cyanidin chlorides
15/02/2025	14	Mrs. Divya Dubey	CHE-509, Unit-1: Structure of 2 to 8 Coordinate Metal Complexes	Cation-anion ratio in various polyhedral, Hybrid orbitals and preferred conditions of formation of C.N.8 - Cubic, Tetragonal antiprismatic, Dodecahedral, Hexagonal bipyramidal, and Bicapped trigonal prism
17/02/2025	11	Mrs. Divya Dubey	IC-530, Unit-3: Environmental Impact Assessment	Process of Environmental impact Assessment in India, E. Sustainability
17/02/2025	9	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	Dropping mercury electrode and its advantages
17/02/2025	11	Dr. Ram Sahay	CHE-508 Unit- 1(c) Fugacity and Activity	Activity and the activity coefficient
18/02/2025	12	Mrs. Divya Dubey	IC-530, Uunit-4: Basic Principles of Green Chemistry	Basic Principles of Green Chemistry
18/02/2025	12	Dr. Ram Sahay	CHE-508, Unit- 1(c): Fugacity and Activity	Activity and the activity coefficient
18/02/2025	10	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	Dropping mercury electrode and its advantages
19/02/2025	13	Mrs Namrata Mishra	IC-530, Unit -2: Water Pollution	Water Pollution, Different Types of water pollutant

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19/02/2025	13	Dr. Ram Sahay	CHE-508 Unit- 2: The Third law Thermodynamics	The third law, Nernst heat theorem
19/02/2025	14	Mrs Namrata Mishra	IC-530, Unit -2: Water Pollution	Water Pollution, Different Types of water pollutant
20/02/2025	15	Mrs. Divya Dubey	CHE-509, Unit-2: Stereoisomerism in Six Coordinated Octahedral Complexes	Stereoisomerism in six coordinate octahedral complexes (Ma3bcd, Ma2bcde, Mabcdef)
20/02/2025	15	Mrs. Priyanka Mishra	CHE-510, Unit-5: Biosynthesis of Natural Products	The acetate hypothesis, Isoprene rule, mevalonic acid from acetylco-enzyme – A
21/02/2025	16	Dr. S. K. Vernwal	CHE-510, Unit-3: Alkaloids	Introduction and general methods of determining structure of Hemlock alkaloid-Coniine
21/02/2025	ME	Mrs. Divya Dubey	ME	Monthly Evaluation
22/02/2025	17	Dr. Shiv Kumar Vernwal	CHE-510, Unit-3: Alkaloids	Introduction and general methods of determining structure of Hemlock alkaloid-Coniine
22/02/2025	16	Mrs. Divya Dubey	CHE-509, Unit-2: Stereoisomerism in Six Coordinated Octahedral Complexes	Stereochemistry in complexes containing bi- and ter- dentate ligands, Intermolecular
24/02/2025	41	Mrs. Divya Dubey	IC-530, Uunit-4: Basic Principles of Green Chemistry	Basic Principles of Green Chemistry
24/02/2025	11	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	Polarographically active species, concept of residual
24/02/2025	14	Dr. Ram Sahay	CHE-508 Unit- 2 The Third law Thermodynamics	The third law, Nernst heat theorem
25/02/2025	14	Mrs. Divya Dubey	IC-530, Uunit-4: Basic Principles of Green Chemistry	Basic Principles of Green Chemistry
25/02/2025	15	Dr. Ram Sahay	CHE-508, Unit- 2: The Third law Thermodynamics	Nernst heat theorem
25/02/2025	12	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	Diffusion and limiting current of half wave potential
27/02/2025	17	Mrs. Divya Dubey	CHE-509, Unit-2: Stereoisomerism in Six Coordinated Octahedral Complexes	Intramolecular rearrangements (Bailar and Ray Dutta twist only)
27/02/2025	18	Mrs. Priyanka Mishra	CHE-510, Unit-5: Biosynthesis of Natural Products	Mevalonic acid from acetylco-enzyme – A
28/02/2025	19	Mrs. Priyanka Mishra	CHE-510, Unit-5: Biosynthesis of Natural Products	Biogenesis of terpenoids
28/02/2025	18	Mrs. Divya Dubey	CHE-509, Unit-2: Stereoisomerism in Six Coordinated Octahedral Complexes	Mechanism of racemisation in tris (chelate) octahedral complexes
01/03/2025	18	Dr. S. K. Vernwal	CHE-510, Unit-3: Alkaloids	Introduction and general methods of determining structure of Pyrrolidine-Pyridine alkaloid- Nicotine
01/03/2025	CT	Mrs. Divya Dubey	CT	Class Teaching
03/03/2025	15	Mrs. Divya Dubey	IC-530, Uunit-4: Basic Principles of Green Chemistry	Basic Principles of Green Chemistry
03/03/2025	13	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	Ilkovic equation and factors affecting diffusion current
03/03/2025	16	Dr. Ram Sahay	CHE-508, Unit- 2: The Third law Thermodynamics	Application of third law
04/03/2025	16	Mrs. Divya Dubey	IC-530, Uunit-4: Basic Principles of Green Chemistry	Basic Principles of Green Chemistry
04/03/2025	17	Dr. Ram Sahay	CHE-508, Unit- 2: The Third law Thermodynamics	Application of third law
04/03/2025	14	Mrs Namrata Mishra	CHE-507, Unit-1: Electroanalytical Techniques	Ilkovic equation and factors affecting diffusion current
05/03/2025	17	Mrs Namrata Mishra	IC-530,Unit -2: Water Pollution	Water Pollution, Different Types of water pollutant

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05/03/2025	18	Dr. Ram Sahay	CHE-508, Unit- 2: The Third law Thermodynamics	The residual entropy
05/03/2025	15	Mrs Namrata Mishra	CHE-507, Unit-2: Thermoanalytical Methods	Thermogravimetry: Apparatus, factors affecting TG
06/03/2025	19	Mrs. Divya Dubey	CHE-509, Unit-2: Stereoisomerism in Six Coordinated Octahedral Complexes	Mechanism of racemisation in tris (chelate) octahedral complexes
06/03/2025	20	Mrs. Priyanka Mishra	CHE-510, Unit-5: Biosynthesis of Natural Products	Sikimic acid pathway of biogenesis of aromatic ring
07/03/2025	21	Dr. S. K. Vernwal	CHE-510, Unit-3: Alkaloids	Introduction and general methods of determining structure of Pyrrolidine-Pyridine alkaloid- Nicotine
07/03/2025	20	Mrs. Divya Dubey	CHE-509, Unit-2: Stereoisomerism in Six Coordinated Octahedral Complexes	Methods of resolution of optical isomers
08/03/2025	22	Dr. S. K. Vernwal	CHE-510, Unit-3: Alkaloids	Introduction and general methods of determining structure of Pyrrolidine-Pyridine alkaloid- Nicotine
08/03/2025	CT	Mrs. Divya Dubey	CT	Class Teaching
10/03/2025	18	Mrs. Divya Dubey	IC-530, Unit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy
10/03/2025	16	Mrs Namrata Mishra	CHE-507, Unit-2: Thermoanalytical Methods	Interpretation of TG curves of $\text{CaC}_2\text{O}_4 \cdot \text{H}_2\text{O}$ and $\text{MgC}_2\text{O}_4 \cdot \text{H}_2\text{O}$
10/03/2025	19	Dr. Ram Sahay	CHE-508 Unit- 3 Electrolytic Conductance of strong electrolytes	Debye-Falkenhagen effects
11/03/2025	19	Mrs. Divya Dubey	IC-530, Unit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy
11/03/2025	20	Dr. Ram Sahay	CHE-508, Unit- 3: Electrolytic Conductance of Strong Electrolytes	Wein effects the ionic association
11/03/2025	17	Mrs Namrata Mishra	CHE-507, Unit-2: Thermoanalytical Methods	Interpretation of TG curves of $\text{CaC}_2\text{O}_4 \cdot \text{H}_2\text{O}$ and $\text{MgC}_2\text{O}_4 \cdot \text{H}_2\text{O}$
17/03/2025	20	Mrs. Divya Dubey	IC-530, Unit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy
17/03/2025	18	Mrs Namrata Mishra	CHE-507, Unit-2: Thermoanalytical Methods	Differential Thermal Analysis and Differential scanning Calorimetry: Apparatus, factors affecting DTA and DSC curves with special reference to heating Rate
17/03/2025	21	Dr. Ram Sahay	CHE-508, Unit- 3: Electrolytic Conductance of Strong Electrolytes	Effect of ionic strength on rate of ionic reactions
18/03/2025	21	Mrs. Divya Dubey	IC-530, Unit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy
18/03/2025	22	Dr. Ram Sahay	CHE-508, Unit- 3: Electrolytic Conductance of Strong Electrolytes	Effect of ionic strength on rate of ionic reactions
18/03/2025	19	Mrs Namrata Mishra	CHE-507, Unit-2: Thermoanalytical Methods	Apparatus, factors affecting DTA and DSC curves with special reference to heating Rate
19/03/2025	22	Mrs Namrata Mishra	IC-530, Unit -2: Water Pollution	Monitoring of Water pollutants, Treatment of Municipal waste water
19/03/2025	23	Dr. Ram Sahay	CHE-508, Unit- 4: Electrical Phenomena at Interface	The electrical double layer
19/03/2025	20	Mrs Namrata Mishra	CHE-507, Unit-2: Thermoanalytical Methods	Particle size and packing, measurement of heat of transition

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20/03/2025	21	Mrs. Divya Dubey	CHE-509, Unit-3: Kinetics and Mechanism of Substitution Reactions	Kinetics and mechanism of substitution reactions in octahedral Co (III)
20/03/2025	ME	Mrs. Priyanka Mishra	ME	Monthly Evaluation
21/03/2025	23	Mrs. Priyanka Mishra	CHE-510, Unit-5: Biosynthesis of Natural Products	Sikimic acid pathway of biogenesis of aromatic ring
21/03/2025	22	Mrs. Divya Dubey	CHE-509, Unit-3: Kinetics and Mechanism of Substitution Reactions	Kinetics and mechanism of substitution reactions in octahedral Co (III)
22/03/2025	24	Dr. S. K. Vernwal	CHE-510, Unit-3: Alkaloids	Introduction and general methods of determining structure of Cinchona alkaloids – Quinine
22/03/2025	23	Mrs. Divya Dubey	CHE-509, Unit-3: Kinetics and Mechanism of Substitution Reactions	Kinetics and mechanism of substitution reactions in square planar Pt (II) complexes
01/04/2025	23	Mrs. Divya Dubey	IC-530, Uunit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy
01/04/2025	24	Dr. Ram Sahay	CHE-508, Unit- 4: Electrical Phenomena at Interface	Electrokinetic phenomena
01/04/2025	21	Mrs Namrata Mishra	CHE-507, Unit-2: Thermoanalytical Methods	Heat of reaction and heat of dehydration of salts and metal hydrates
02/04/2025	24	Mrs Namrata Mishra	IC-530, Unit -2: Water Pollution	Treatment of Industrial waste water
02/04/2025	25	Dr. Ram Sahay	CHE-508, Unit- 4: Electrical Phenomena at Interface	Electrokinetic phenomena
02/04/2025	22	Mrs Namrata Mishra	CHE-507, Unit-2: Thermoanalytical Methods	Heat of reaction and heat of dehydration of salts and metal hydrates
03/04/2025	24	Mrs. Divya Dubey	CHE-509, Unit-3: Kinetics and Mechanism of Substitution Reactions	Kinetics and mechanism of substitution reactions in square planar Pt (II) complexes
03/04/2025	25	Mrs. Priyanka Mishra	CHE-510, Unit-5: Biosynthesis of Natural Products	Sikimic acid pathway of biogenesis of aromatic ring
04/04/2025	26	Dr. S. K. Vernwal	CHE-510, Unit-3: Alkaloids	Introduction and general methods of determining structure of Cinchona alkaloids – Quinine
04/04/2025	CT	Mrs. Divya Dubey	CT	Class Teaching
05/04/2025	27	Dr. S. K. Vernwal	CHE-510, Unit-3: Alkaloids	Introduction and general methods of determining structure of Opium alkaloids : Papaverine and Morphine
05/04/2025	25	Mrs. Divya Dubey	CHE-509, Unit-4: Mechanism of One Electron Transfer Reactions	Mechanism of one electron transfer reactions (inner and outer sphere mechanisms)
07/04/2025	25	Mrs. Divya Dubey	IC-530, Uunit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy
07/04/2025	23	Mrs Namrata Mishra	CHE-507, Unit-3: Radiochemical Methods	Isotope method
07/04/2025	26	Dr. Ram Sahay	CHE-508, Unit- 4: Electrical Phenomena at Interface	quantitative treatment of electro osmosis
08/04/2025	26	Mrs. Divya Dubey	IC-530, Uunit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy
08/04/2025	27	Dr. Ram Sahay	CHE-508, Unit- 4: Electrical Phenomena at Interface	Electrophoresis and streaming potential
08/04/2025	24	Mrs Namrata Mishra	CHE-507, Unit-3: Radiochemical Methods	Isotope method
09/04/2025	27	Mrs Namrata Mishra	IC-530, Unit -2: Water Pollution	Treatment of Industrial waste water

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09/04/2025	28	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	Dissolution and deposition potential
09/04/2025	25	Mrs Namrata Mishra	CHE-507, Unit-3: Radiochemical Methods	Inverse isotopic dilution
11/04/2025	28	Mrs. Priyanka Mishra	CHE-510, Unit-5: Biosynthesis of Natural Products	General biogenesis of alkaloids
	26	Mrs. Divya Dubey	CHE-509, Unit-4: Mechanism of One Electron Transfer Reactions	Mechanism of one electron transfer reactions (inner and outer sphere mechanisms)
12/04/2025	29	Dr. S. K. Vernwal	CHE-510, Unit-3: Alkaloids	Introduction and general methods of determining structure of Opium alkaloids : Papaverine and Morphine
12/04/2025	CT	Mrs. Divya Dubey	CT	Class Teaching
15/04/2025	28	Mrs. Divya Dubey	IC-530, Unit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy
15/04/2025	29	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	Dissolution and deposition potential
15/04/2025	26	Mrs Namrata Mishra	CHE-507, Unit-3: Radiochemical Methods	Inverse isotopic dilution
16/04/2025	29	Mrs Namrata Mishra	IC-530, Unit -2: Water Pollution	Treatment of Industrial waste water
16/04/2025	30	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	Dissolution and deposition potential
16/04/2025	27	Mrs Namrata Mishra	CHE-507, Unit-3: Radiochemical Methods	Neutron activation technique
17/04/2025	27	Mrs. Divya Dubey	CHE-509, Unit-4: Mechanism of One Electron Transfer Reactions	Factors affecting the rates of direct electron transfer reactions and the Marcus equation
17/04/2025	30	Mrs. Priyanka Mishra	CHE-510, Unit-5: Biosynthesis of Natural Products	General biogenesis of alkaloids
19/04/2025	31	Dr. S. K. Vernwal	CHE-510, Unit-3: Alkaloids	Introduction and general methods of determining structure of Rauwolfia alkaloids
19/04/2025	28	Mrs. Divya Dubey	CHE-509, Unit-4: Mechanism of One Electron Transfer Reactions	Factors affecting the rates of direct electron transfer reactions and the Marcus equation
21/04/2025	30	Mrs. Divya Dubey	IC-530, Unit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy
21/04/2025	28	Mrs Namrata Mishra	CHE-507, Unit-3: Radiochemical Methods	Neutron activation technique
21/04/2025	31	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	Dissolution and deposition potential
22/04/2025	31	Mrs. Divya Dubey	IC-530, Unit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy
22/04/2025	32	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	decomposition potential and its determination
22/04/2025	CT	Mrs Namrata Mishra	CT	Class Teaching
23/04/2025	32	Mrs Namrata Mishra	IC-530, Unit -2: Water Pollution	Treatment of Industrial waste water
23/04/2025	33	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	decomposition potential and its determination
23/04/2025	29	Mrs Namrata Mishra	CHE-507, Unit-3: Radiochemical Methods	Neutron activation technique
24/04/2025	29	Mrs. Divya Dubey	CHE-509, Unit-4: Mechanism of One Electron Transfer Reactions	Two electron transfer reactions
24/04/2025	32	Mrs. Priyanka Mishra	CHE-510, Unit-5: Biosynthesis of Natural Products	General biogenesis of alkaloids
25/04/2025	33	Dr. S. K. Vernwal	CHE-510, Unit-3: Alkaloids	Introduction and general methods of determining structure of Rauwolfia alkaloids
25/04/2025	30	Mrs. Divya Dubey	CHE-509, Unit-5: Metal Ligand Equilibria in Solution	Step wise and overall formation constants and their relations
26/04/2025	33	Dr. Shiv Kumar Vernwal	CHE-510, Unit-3: Alkaloids	Introduction and general methods of determining structure of Rauwolfia alkaloids

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26/04/2025	34	Mrs. Divya Dubey	CHE-509, Unit-5: Metal Ligand Equilibria in Solution	Factors affecting the stability of metal complexes with reference to the nature of metal ions and ligands
28/04/2025	33	Mrs. Divya Dubey	IC-530, Uunit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy
28/04/2025	30	Mrs Namrata Mishra	CHE-507, Unit-4: Chromatographic Methods	Gas Chromatography: GLC
28/04/2025	34	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	decomposition potential and its determination
29/04/2025	34	Mrs. Divya Dubey	IC-530, Uunit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy
29/04/2025	35	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	Concentration Polarization
29/04/2025	ME	Mrs Namrata Mishra	ME	Monthly Evaluation
30/04/2025	35	Mrs Namrata Mishra	IC-530, Unit -2: Water Pollution	Treatment of Industrial waste water
30/04/2025	36	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	Concentration Polarization
30/04/2025	31	Mrs Namrata Mishra	CHE-507, Unit-4: Chromatographic Methods	Gas Chromatography: GLC
*Extra	*32	Mrs Namrata Mishra	CHE-507, Unit-4: Chromatographic Methods	Gas Chromatography: GLC
	33	Mrs Namrata Mishra	CHE-507, Unit-4: Chromatographic Methods	Gas Chromatography: GSC
	34	Mrs Namrata Mishra	CHE-507, Unit-4: Chromatographic Methods	HPLC
	35	Mrs Namrata Mishra	CHE-507, Unit-4: Chromatographic Methods	HPLC
	36	Mrs Namrata Mishra	CHE-507,Unit-5: Spectral Methods	Nephelometry
	37	Mrs Namrata Mishra	CHE-507,Unit-5: Spectral Methods	Nephelometry
	38	Mrs Namrata Mishra	CHE-507,Unit-5: Spectral Methods	Turbidimetry
	39	Mrs Namrata Mishra	CHE-507,Unit-5: Spectral Methods	Turbidimetry
	40	Mrs Namrata Mishra	CHE-507,Unit-5: Spectral Methods	Flame Photometry
	41	Mrs Namrata Mishra	CHE-507,Unit-5: Spectral Methods	Flame Photometry
	37	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	over voltage (hydrogen overvoltage and oxygen overvoltage)
	38	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	over voltage (hydrogen overvoltage and oxygen overvoltage)
	39	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	over voltage (hydrogen overvoltage and oxygen overvoltage)
	40	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	The Limiting current density
	41	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	The Limiting current density
	42	Dr. Ram Sahay	CHE-508, Unit- 5: Electrode Process	The Limiting current density
	32	Mrs. Divya Dubey	CHE-509, Unit-5: Metal Ligand Equilibria in Solution	Determination of stability constants by pH-metric and spectroscopic methods
	34	Mrs. Priyanka Mishra	CHE-510, Unit-5: Biosynthesis of Natural Products	General biogenesis of alkaloids
	35	Mrs. Priyanka Mishra	CHE-510, Unit-5: Biosynthesis of Natural Products	General biogenesis of alkaloids
	36	Mrs. Divya Dubey	IC-530, Uunit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy

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Chemistry Department

	37	Mrs. Divya Dubey	IC-530, Uunit-4: Basic Principles of Green Chemistry	Energy Harvesting and Source of Renewable Energy
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