

MAHARANA PRATAP MAHAVIDYALAYA, JUNGLE DHUSAN, GORAKHPUR
Chemistry Department

Class : B. Sc. III Semester	LESSON PLAN (Practical) : 2025-26	Subject : Chemistry
Course Code : CHE-202F		
Course Title : Physical Analysis		

DATE	LECTURE	TEACHER'S NAME	CHAPTER	TOPIC
01/08/2025	1	Mrs. Divya Dubey	General Introduction	Seat allotment
01/08/2025	2	Dr. Ram Sahay	General Introduction	Seat allotment
02/08/2025	3	Mrs. Namrata Mishra	Unit-I, Surface Tension and Viscosity	To determine the surface tension of pure liquid or solution.
02/08/2025	4	Dr. Ram Sahay	Unit-I, Surface Tension and Viscosity	To determine the surface tension of pure liquid or solution.
08/08/2025	5	Mrs. Divya Dubey	Unit-I, Surface Tension and Viscosity	To determine the surface tension of pure liquid or solution.
08/08/2025	6	Dr. Ram Sahay	Unit-I, Surface Tension and Viscosity	To determine the surface tension of pure liquid or solution.
22/08/2025	7	Mrs. Divya Dubey	Unit-I, Surface Tension and Viscosity	To determine the surface tension of pure liquid or solution.
22/08/2025	8	Dr. Ram Sahay	Unit-I, Surface Tension and Viscosity	To determine the surface tension of pure liquid or solution.
23/08/2025	9	Mrs. Namrata Mishra	Unit-I, Surface Tension and Viscosity	To determine the viscosity of pure liquid or solution.
23/08/2025	10	Dr. Ram Sahay	Unit-I, Surface Tension and Viscosity	To determine the viscosity of pure liquid or solution.
29/08/2025	11	Mrs. Divya Dubey	Unit-I, Surface Tension and Viscosity	To determine the viscosity of pure liquid or solution.
29/08/2025	12	Dr. Ram Sahay	Unit-I, Surface Tension and Viscosity	To determine the viscosity of pure liquid or solution.
30/08/2025	13	Mrs. Namrata Mishra	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To study the kinetics of dissolution of Mg ribbon in dil. HCl
30/08/2025	14	Dr. Ram Sahay	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To study the kinetics of dissolution of Mg ribbon in dil. HCl
06/09/2025	15	Mrs. Namrata Mishra	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To study the kinetics of dissolution of Mg ribbon in dil. HCl
06/09/2025	16	Dr. Ram Sahay	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To study the kinetics of dissolution of Mg ribbon in dil. HCl.
12/09/2025	17	Mrs. Divya Dubey	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To study the kinetics of dissolution of Mg ribbon in dil. HCl.
12/09/2025	18	Dr. Ram Sahay	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To study the kinetics of dissolution of Mg ribbon in dil. HCl.
13/09/2025	19	Mrs. Namrata Mishra	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To determine the heat of neutralisation of strong acid (HCl) with strong base (NaOH) by calorimetric method
13/09/2025	20	Dr. Ram Sahay	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To determine the heat of neutralisation of strong acid (HCl) with strong base (NaOH) by calorimetric method.
19/09/2025	21	Mrs. Divya Dubey	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To determine the heat of neutralisation of strong acid (HCl) with strong base (NaOH) by calorimetric method.
19/09/2025	22	Dr. Ram Sahay	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To determine the heat of neutralisation of strong acid (HCl) with strong base (NaOH) by calorimetric method.
20/09/2025	23	Mrs. Namrata Mishra	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To determine the heat of neutralisation of weak acid (CH ₃ COOH) with strong base (NaOH) by calorimetric method.
20/09/2025	24	Dr. Ram Sahay	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To determine the heat of neutralisation of weak acid (CH ₃ COOH) with strong base (NaOH) by calorimetric method.

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26/09/2025	25	Mrs. Divya Dubey	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To determine the heat of neutralisation of weak acid (CH_3COOH) with strong base (NaOH) by calorimetric method.
26/09/2025	26	Dr. Ram Sahay	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To determine the heat of neutralisation of weak acid (CH_3COOH) with strong base (NaOH) by calorimetric method.
27/09/2025	27	Mrs. Namrata Mishra	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To determine the heat of neutralisation of strong acid (HCl) with weak base (NH_4OH) by calorimetric method.
27/09/2025	28	Dr. Ram Sahay	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To determine the heat of neutralisation of strong acid (HCl) with weak base (NH_4OH) by calorimetric method.
03/10/2025	29	Mrs. Divya Dubey	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To determine the heat of neutralisation of strong acid (HCl) with weak base (NH_4OH) by calorimetric method.
03/10/2025	30	Dr. Ram Sahay	Unit-IV, Chemical Kinetics and Heat of Neutralisation	To determine the heat of neutralisation of strong acid (HCl) with weak base (NH_4OH) by calorimetric method.
04/10/2025	31	Mrs. Namrata Mishra	Unit-II, Boiling Point and Transition Temperature	To determine the transition temperature of the given substance ($\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$) by thermometric method.
04/10/2025	32	Dr. Ram Sahay	Unit-II, Boiling Point and Transition Temperature	To determine the transition temperature of the given substance ($\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$) by thermometric method.
10/10/2025	33	Mrs. Divya Dubey	Unit-II, Boiling Point and Transition Temperature	To determine the transition temperature of the given substance ($\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$) by thermometric method.
10/10/2025	34	Dr. Ram Sahay	Unit-II, Boiling Point and Transition Temperature	To determine the transition temperature of the given substance ($\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$) by thermometric method.
11/10/2025	35	Mrs. Namrata Mishra	Unit-II, Boiling Point and Transition Temperature	To determine the boiling point of the given organic liquid compound No. 1.
11/10/2025	36	Dr. Ram Sahay	Unit-II, Boiling Point and Transition Temperature	To determine the boiling point of the given organic liquid compound No. 1.
24/10/2025	37	Mrs. Divya Dubey	Unit-II, Boiling Point and Transition Temperature	To determine the boiling point of the given organic liquid compound No. 1.
24/10/2025	38	Dr. Ram Sahay	Unit-II, Boiling Point and Transition Temperature	To determine the boiling point of the given organic liquid compound No. 1.
25/10/2025	39	Mrs. Namrata Mishra	Unit-II, Boiling Point and Transition Temperature	To determine the boiling point of the given organic liquid compound No. 2.
25/10/2025	40	Dr. Ram Sahay	Unit-II, Boiling Point and Transition Temperature	To determine the boiling point of the given organic liquid compound No. 2.
31/10/2025	41	Mrs. Divya Dubey	Unit-II, Boiling Point and Transition Temperature	To determine the boiling point of the given organic liquid compound No. 2.
31/10/2025	42	Dr. Ram Sahay	Unit-II, Boiling Point and Transition Temperature	To determine the boiling point of the given organic liquid compound No. 2.
01/11/2025	43	Mrs. Namrata Mishra	Unit-II, Boiling Point and Transition Temperature	To determine the boiling point of the given organic liquid compound No. 3.
01/11/2025	44	Dr. Ram Sahay	Unit-II, Boiling Point and Transition Temperature	To determine the boiling point of the given organic liquid compound No. 3.
07/11/2025	45	Mrs. Divya Dubey	Unit-III, Phase Equilibrium	To study the effect of a solute (e.g. NaCl) on the critical solution temperature of two partially miscible liquids (e.g. phenol-water system) and to determine the concentration of that solute in the given phenol-water system.
07/11/2025	46	Dr. Ram Sahay	Unit-III, Phase Equilibrium	To study the effect of a solute (e.g. NaCl) on the critical solution temperature of two partially miscible liquids (e.g. phenol-water system) and to determine the concentration of that solute in the given phenol-water system.
08/11/2025	47	Mrs. Namrata Mishra	Unit-III, Phase Equilibrium	To study the effect of a solute (e.g. NaCl) on the critical solution temperature of two partially

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				miscible liquids (e.g. phenol-water system) and to determine the concentration of that solute in the given phenol-water system.
08/11/2025	48	Dr. Ram Sahay	Unit-III, Phase Equilibrium	To study the effect of a solute (e.g. NaCl) on the critical solution temperature of two partially miscible liquids (e.g. phenol-water system) and to determine the concentration of that solute in the given phenol-water system.
14/11/2025	49	Mrs. Divya Dubey	Unit-III, Phase Equilibrium	To construct the phase diagram of two component system (e.g. diphenylamine-benzophenone) by cooling curve method.
14/11/2025	50	Dr. Ram Sahay	Unit-III, Phase Equilibrium	To construct the phase diagram of two component system (e.g. diphenylamine-benzophenone) by cooling curve method.
15/11/2025	51	Mrs. Namrata Mishra	Unit-III, Phase Equilibrium	To construct the phase diagram of two component system (e.g. diphenylamine-benzophenone) by cooling curve method.
15/11/2025	52	Dr. Ram Sahay	Unit-III, Phase Equilibrium	To construct the phase diagram of two component system (e.g. diphenylamine-benzophenone) by cooling curve method.
