

Rishi Bankim Chandra Evening College

Department of Chemistry

Lesson plan for SEM I (2022-2023)

COURSE	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO OF CLASSES / LECTURES	MARKS	CLASS TEST/ INTERNAL ASSESSEMENT
DSC	<u>CEMGCOR01T/ CEMHGEC01T</u> <i>Section A: Inorganic Chemistry-I</i>	Atomic Structure	Arpita Dutta	10	25	Class test
		Chemical Periodicity	Arpita Dutta	05		
		Acids and bases	Arpita Dutta	10		
		Redox reactions	Arpita Dutta	05		
	<i>Section B: Organic Chemistry-I</i>	Fundamentals of Organic Chemistry	Arpita Dutta	05	25	Class test
		Stereochemistry	Arpita Dutta	08		
		Nucleophilic Substitution and Elimination Reactions	Arpita Dutta	05		
		Aliphatic Hydrocarbons	Arpita Dutta	12		
	<u>CEMGCOR01P/ CEMHGEC01P</u> <i>Section A: Inorganic Chemistry-I</i>		Arpita Dutta	30	25	Class test
		<i>Section B: Organic Chemistry-I</i>	Arpita Dutta	30		

Lesson plan Sem III (2022-2023)

COURSE	PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO OF CLASSES / LECTURES	MARKS	CLASS TEST/ INTERNAL ASSESSMENT
DSC 3C/ GE 3	<u>CEMGCOR03T/ CEMHGEC03T</u> <i>Section A: Physical Chemistry-II</i>	Chemical Energetics	Arpita Dutta	14	25	Class test
		Chemical Equilibrium	Arpita Dutta	08		
		Ionic Equilibria	Arpita Dutta	08		
	Section-B: Organic Chemistry-II	Aromatic Hydrocarbons	Arpita Dutta	06	25	Class test
		Organometallic Compounds	Arpita Dutta	02		
		Aryl Halides	Arpita Dutta	03		
		Alcohols, Phenols and Ethers	Arpita Dutta	11		
		Carbonyl Compounds	Arpita Dutta	08		
	<u>CEMGCOR01P/ CEMHGEC03P</u> <i>Section A: Physical Chemistry-II</i>		Arpita Dutta	30	25	Class test
	Section-B: Organic Chemistry-II		Arpita Dutta	30		

Lesson plan Sem V (2022-2023)

PAPER CODE	TOPICS TO BE COVERED	NAME OF THE TEACHER	NO OF CLASSES / LECTURES	MARKS	CLASS TEST/ INTERNAL ASSESSMENT
<u>CEMGDSE01T</u> <i>POLYMER CHEMISTRY</i>	Introduction and history of polymeric materials	Arpita Dutta	04	05	
	Functionality and importance & Kinetics of Polymerisation	Arpita Dutta	30	25	
	Crystallization and crystallinity & Nature and structure of polymers	Arpita Dutta	16	12	
	Molecular weight determination, T_g, polymer solution	Arpita Dutta	10	08	
	Properties of polymers		10	08	
<u>CEMGDSE01P</u> <i>POLYMER CHEMISTRY</i>	Polymer synthesis Polymer characterization Polymer analysis	Arpita Dutta	60	25	