

Maulana Azad College, Kolkata
Department of Chemistry
Lesson Plan 2019-2020, Undergraduate Chemistry (Hons. & General)

Semester	Tentative Dates of CU Examination*	Name of the Faculty	Course Code	Paper	Brief Description of the Topics
Sem-2 (CC) Jan'20- Jun'20	*follow the latest notification by CU	Dr. Sucheta Singha (Chandra)	CC-2-3-TH	Organic Chemistry-2	Stereochemistry II
			CC-2-3-P		Practical: Organic Preparations
		Dr. Ajanta Mukherji	CC-2-3-TH		General Treatment of Reaction Mechanism III
			CC-2-3-P		Practical: Organic Preparations
		Dr. Arijit Kundu	CC-2-3-TH		Substitution and Elimination Reactions
			CC-2-3-P		Practical: Organic Preparations
		Dr. Ashis Kumar Mukherjee	CC-2-4-TH	Inorganic Chemistry-2	Radioactivity
			CC-2-4-P		Practical: Inorganic Quantitative Analysis
		Dr. Goutam Kumar Mondal	CC-2-4-TH		Chemical Bonding-I
			CC-2-4-P		Practical: Inorganic Quantitative Analysis
		Dr. Sanju Das	CC-2-4-TH		Chemical Bonding-II
			CC-2-4-P		Practical: Inorganic Quantitative Analysis
Sem-2 (GE) Jan'20- Jun'20	*follow the latest notification by CU	Dr. Rajendra Saha	GE 2	Paper-2	Theory: Solutions; Error Analysis; Redox
					Practical: Physical Chemistry Experiments
		Dr. Subhodip Samanta			Theory: Chemical Thermodynamics
					Practical: Physical Chemistry Experiments
Dr. Arijit Kundu	Theory: Aliphatic Hydrocarbons				
	Sem-4 (CC+ SEC) Jan'20- Jun'20	Dr. Sucheta Singha (Chandra)	CC-4-8-TH	Organic Chemistry-4	Organic Spectroscopy
CC-4-8-P			Practical: Organic Qualitative Analysis		
SEC-B			SEC-3: Pharmaceuticals Chemistry	Fermentation	
Dr. Ajanta Mukherji		CC-4-8-TH	Organic Chemistry-4	The Logic of Organic Synthesis; Nitro compounds; Alkyl nitrile and isonitrile	
		CC-4-8-P		Practical: Organic Qualitative Analysis	
		SEC-B	SEC-3: Pharmaceuticals Chemistry	Drugs & Pharmaceuticals	
Dr. Arijit Kundu		CC-4-8-TH	Organic Chemistry-4	Rearrangements; Amines; Diazonium salts and their related compounds	
		CC-4-8-P		Practical: Organic Qualitative Analysis	
		SEC-B	SEC-3: Pharmaceuticals Chemistry	Drugs & Pharmaceuticals	

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Sem-4 (CC+ SEC) Jan'20- Jun'20		Dr. Rajendra Saha	CC-4-9-TH	Physical Chemistry-3	Foundation of Quantum Mechanics
			CC-4-9-P		Practical: Physical Chemistry Experiments
		Dr. Subhodip Samanta	CC-4-9-TH		Application of TD II + Crystal Structure
			CC-4-9-P		Practical: Physical Chemistry Experiments
		Dr. Ashis Kumar Mukherjee	CC-4-10-TH	Inorganic Chemistry-4	Reaction Kinetics and Mechanism
			CC-4-10-P		Practical: Inorganic Preparation; Instrumental techniques
		Dr. Goutam Kumar Mondal	CC-4-10-TH		Coordination Chemistry II
			CC-4-10-P		Practical: Inorganic Preparation; Instrumental techniques
		Dr. Sanju Das	CC-4-10-TH		Chemistry of d and f block elements
			CC-4-10-P		Practical: Inorganic Preparation; Instrumental techniques
Sem-4 (GE) Jan'20- Jun'20	*follow the latest notification by CU	Dr. Subhodip Samanta	GE 4	Paper-4	Theory: Quantum Chemistry & Spectroscopy
		Dr. Sanju Das			Theory: Crystal Field Theory
		Dr. Ajanta Mukherji			Practical: Organic Qualitative Analysis
					Theory: Alcohols, Carbonyl compounds, Amino acids and carbohydrates
		Dr. Arijit Kundu			Practical: Organic Qualitative Analysis
					Theory: Phenols and ethers; Carboxylic acids and their derivatives; Amines and Diazonium salts
		Practical: Organic Qualitative Analysis			