

Name of the Teacher	AKSHI GOYAL	
Subject	Chemistry (Physical) (Organic) (Inorganic)	
Session	2023-24 (Even semester)   B.Sc. 2 <sup>nd</sup> sem	
Month	Week	Topic
Jan	1	Alkenes
	2	Alkenes (Detailed Mechanism)
	3	Arenes & Aromaticity, Dienes & Alkynes
	4	Dienes and Alkynes
Feb	1	Alkyl and Aryl Halides
	2	Kinetics - I
	3	Kinetics - II
	4	Electrochemistry - I
March	1	Electrochemistry - II
	2	Hydrogen Bonding and van der Waals forces
	3	Metallic Bond, Semiconductors, s-block elements
	4	Chemistry of Holi - Break
April	1	Chemistry of Noble-Gases, Boron family, Carbon family
	2	Nitrogen family, Oxygen family, Halogen family
	3	Rigorous Practice & Tests & Revision
	4	Rigorous Practice of important concepts and tests

Ashil

Name of the Teacher: Ms. AKSHI GOYAL  
 Subject: Chemistry (Inorganic, Organic, Physical)  
 Session: 2023-24 (Even Semester) | B.Sc. 4<sup>th</sup> Sem

Month	Week	Topic
Jan	1	IR spectroscopy and Problems
	2	Amines
	3	Diazonium salts, Nitro Compounds
	4	Nitro Compounds, Aldehyde & Ketones
Feb	1	Aldehyde & Ketones
	2	Thermodynamics -III
	3	Thermodynamics -IV, Electrochemistry -III
	4	Electrochemistry -III, Electrochemistry -IV
March	1	Lanthanides and Actinides
	2	Qualitative and Quantitative Inorganic analysis -I
	3	Qualitative and Quantitative Inorganic analysis -II
	4	Holi - Break
April	1	Imp. Tests of Qualitative and Quantitative Inorganic Analysis I & II
	2	Revision of all named reactions
	3	Rigorous Practice and Tests
	4	Rigorous Practice and Tests

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Name of the Teacher | MS. AKSHI GOYAL

Subject | Chemistry (Inorganic, Physical & Organic)

Session | 2023-24 (Even Semester) | B.Sc. 6<sup>th</sup> Sem

Month	Week	Topic
Jan	1	Heterocyclic compounds - I
	2	Heterocyclic Compounds - II
	3	Organic synthesis via isolates
	4	Synthetic Polymers
Feb	1	Amino Acids, Peptides & Proteins
	2	Acids and Bases, HSAB Concept
	3	Inorganic Chemistry - Bioinorganic Chem.
	4	Silicones & Phosphazenes, Organometallic Chemistry
March	1	Organometallic Chemistry
	2	Photochemistry, Solutions, Colligative Properties
	3	Electronic Spectrum, Solutions
	4	Hoti-Book
April	1	Phase Equilibrium, Electronic spectra
	2	Revision of named reactions
	3	Rigorous practice and Tests
	4	Rigorous practice and Tests.

Ash