

Lesson Plan (2023-24) Even Sem

Name of the Assistant/ Associate Professor:- Pinki Yadav

Class and Section: B.Sc-I (NM) 2nd sem

Subject: Chemistry (Organic and Physical)

	Date	Topics
Week	15/01/2024	
	16/01/2024	
	17/01/2024	Holiday
	18/01/2024	Alkenes: Nomenclature, Methods of formation
	19/01/2024	Physical properties
	20/01/2024	Chemical Reactions
Week	22/01/2024	Ram lala Pran pratistha
	23/01/24	
	24/01/24	Arenes and aromaticity: nomenclature
	25/01/24	Aromaticity
	26/01/24	Republic day
	27/01/24	Aromaticity
Week	29/01/24	
	30/01/24	
	31/01/24	ArSE Reactions
	1/02/24	Energy profile
	2/02/24	Test
	3/02/24	Dienes: Nomenclature and classification
	4/02/24	
Week	5/02/24	
	6/02/24	
	7/02/24	structure of butadiene
	8/02/24	chemical Reactions
	9/02/24	Alkynes: nomenclature, str. and bonding
	10/02/24	Methods of formation
Week	12/02/24	
	13/02/24	
	14/02/24	Holiday
	15/02/24	chemical Reactions
	16/02/24	Test
	17/02/24	Alkyl halides: Nomenclature

Week	19/02/24	
	20/02/24	
	21/02/24	Methods of formation
	22/02/24	chemical Reactions
	23/02/24	Energy profile diagram
	24/02/24	Holiday
Week	26/02/24	
	27/02/24	
	28/02/24	Test
	29/02/24	Assignment
	01/03/24	<u>Physical</u> : Kinetics-I : Rate of Reaction
	02/03/24	factors influencing Rate of Reaction
Week	04/03/24	
	05/03/24	
	06/03/24	Order of Reaction
	07/03/24	Half life period
	08/03/24	Holiday
	09/03/24	Kinetics-II : Arrhenius equation
Week	11/03/24	
	12/03/24	
	13/03/24	Theories of reaction rate
	14/03/24	"
	15/03/24	"
	16/03/24	Test
Week	18/03/24	
	19/03/24	
	20/03/24	Electrochemistry -I : Electrolytic conduction
	21/03/24	Conductance
	22/03/24	Ionization theory
	23/03/24	↑
Week	25/03/24	↓ Holidays
	26/03/24	
	27/03/24	
	28/03/24	
	29/03/24	
	30/03/24	

Lesson Plan session- 2023-24 (Even Sem)

Name of the Assistant/ Associate Professor: Pinki Yadav

Class and Section: B.Sc-I (M) 2nd semester

Subject: Organic chemistry

	Date	Topics
Week	15/01/2024	Alkenes: Nomenclature, Methods of formation
	16/01/2024	Physical properties
	17/01/2024	Holiday
	18/01/2024	
	19/01/2024	
	20/01/2024	
Week	22/01/2024	Ram lala Pran Pratishtha
	23/01/2024	chemical reactions
	24/01/2024	
	25/01/2024	
	26/01/2024	Republic day
	27/01/2024	
Week	29/01/2024	Arenes and aromaticity: Nomenclature
	30/01/2024	Aromaticity
	31/01/2024	
	01/02/2024	
	02/02/2024	
	03/02/2024	
	04/02/2024	
Week	05/02/2024	Aromaticity
	06/02/2024	ArSE Reactions
	07/02/2024	
	08/02/2024	
	09/02/2024	
	10/02/2024	
Week	12/02/24	Energy profile diagram
	13/02/24	Test
	14/02/24	Holiday
	15/02/24	
	16/02/24	
	17/02/24	

Week	19/02/24	Dienes : Nomenclature and classification structure of butadiene
	20/02/24	
	21/02/24	
	22/02/24	
	23/02/24	
	24/02/24	
Week	26/02/24	Holiday
	27/02/24	chemical Reactions
	28/02/24	Alkynes : nomenclature, str. and bonding
	29/02/24	
	01/03/24	
	02/03/24	
Week	04/03/24	Methods of formation
	05/03/24	chemical Reactions
	06/03/24	
	07/03/24	
	08/03/24	Holiday
	09/03/24	
Week	11/03/24	Test
	12/03/24	Alkyl halides : Nomenclature
	13/03/24	
	14/03/24	
	15/03/24	
	16/03/24	
Week	18/03/24	Methods of formation
	19/03/24	chemical Reactions
	20/03/24	
	21/03/24	
	22/03/24	
	23/03/24	
Week	25/03/24	Holi vacations
	26/03/24	
	27/03/24	
	28/03/24	
	29/03/24	
	30/03/24	

Lesson Plan (2023-24) Even Sem

Name of the Assistant/ Associate Professor: Pinki Yadav

Class and Section: M.Sc Previous (2nd semester)

Subject: Organic chemistry

	Date	Topics
Week	15/01/24	ArSE: Arsenium ion Mech.
	16/01/24	Orientation and reactivity
	17/01/24	Holiday
	18/01/24	ortho/p ratio
	19/01/24	Diazonium coupling
	20/01/24	chemical Reactions
Week	22/01/24	Ram lala Pran prasthita
	23/01/24	ArSN: ArSN ¹
	24/01/24	ArSN ²
	25/01/24	Benzyne Mech.
	26/01/24	Republic day
	27/01/24	Leaving gp and nucleophile
Week	29/01/24	Smiles rearrangement
	30/01/24	Elimination Reaction: E ¹ , E ²
	31/01/24	E ¹ CB
	1/02/24	Satzel-Hoffman rule
	2/02/24	stereochemistry
	3/02/24	Addition to C-C multiple bonds
Week	4/02/24	stereochemical aspects
	5/02/24	electrophiles, nucleophiles
	6/02/24	free radical
	7/02/24	Regio and chemoselectivity
	8/02/24	Orientation and reactivity
	9/02/24	Hydrogenation
Week	10/02/24	Test
	12/02/24	Problems discussion
	13/02/24	Addition to Carbon-Hetero multiple bonds
	14/02/24	Holiday
	15/02/24	Reactivity
	16/02/24	Grignard Reagent
	17/02/24	Organozinc and lithium

Week	19/02/24	Wittig reaction
	20/02/24	Reduction
	21/02/24	Condensation Rxn's
	22/02/24	"
	23/02/24	"
	24/02/24	Holiday
Week	26/02/24	Condensation Rxn's
	27/02/24	"
	28/02/24	"
	29/02/24	Test
	01/03/24	Assignment submission
	02/03/24	Rearrangements
Week	04/03/24	classification
	05/03/24	Wagner-Meerwein
	06/03/24	Pinacol-Pinacolone
	07/03/24	Benzil-Benzilic
	08/03/24	Holiday
	09/03/24	Favorskii
Week	11/03/24	Steven, Wittig, Neber
	12/03/24	wolf, Backmann, Hoffmann
	13/03/24	Curtius, Lossen, Schmidt
	14/03/24	Bayer-Villiger oxidation
	15/03/24	Test
	16/03/24	Revision
Week	18/03/24	"
	19/03/24	"
	20/03/24	"
	21/03/24	"
	22/03/24	Test
	23/03/24	↑
Week	25/03/24	↑
	26/03/24	↑
	27/03/24	Holi Vacation
	28/03/24	↓
	29/03/24	↓
	30/03/24	↓

