

Lesson Plan

Yogita Sharma (Extension lecturer)
H.L.G Government College Tauru, (Nuh)

Subject (chemistry)
Class. B.Sc 2nd year (semester-3rd)

Month / Week 2024-25	Paper 1, 2 and 3 Organic chemistry Inorganic chemistry Physical chemistry
<u>July</u>	Alcohols.
<u>August</u> Week 1	Phenols
Week 2	Epoxides
Week 3	Carboxylic acid
Week 4	Carboxylic acid and its derivatives
<u>September</u> Week 1	UV spectroscopy
Week 2	Chemical equilibrium
Week 3	Thermodynamics 1
Week 4	Thermodynamics 2
<u>October</u> Week 1	Distribution law
Week 2	Chemistry of elements of 1 st transition series
Week 3	Chemistry of elements of 2 nd and 3 rd transition series.
Week 4	Chemistry of elements of 2 nd and 3 rd transition series.
<u>November</u> Week 1	Coordination compounds
Week 2	Non aqueous solvents
Week 3	Unit test and revision

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Principal
H.L.G.C Tauru (Nuh)
Yogita Sharma
Ext. Lect. (Chemistry)

Lesson Plan

Yogita Sharma (Extension lecturer)
H.L.G Government College Tauru, (Nuh)
Subject (chemistry)
Class. B.Sc 3rd year (semester-5th)

Month /Week 2024-25	Paper 1,2 and 3 Organic chemistry Inorganic chemistry Physical chemistry
<u>July 2024</u>	Quantum mechanics -1
<u>August 2024</u> Week 1	Operator in quantum mechanics
Week 2	Spectroscopy 1, rotational spectroscopy
Week 3	Spectroscopy 2, vibrational spectroscopy
Week 4	Spectroscopy 3, Raman spectroscopy
<u>September</u> Week 1	Physical properties and molecular structure
Week 2	NMR Spectroscopy I
Week 3	NMR Spectroscopy II
Week 4	NMR structure analysis
<u>October</u> Week 1	Carbohydrates I
Week 2	Carbohydrates II
Week 3	Organometallic compounds
Week 4	Bioinorganic Chemistry
<u>November</u> Week 1	Acid and bases, HSAB Concept
Week 2	Silicones and Phosphazenes
Week 3	Unit test and revision

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