



**DR. B. C. ROY COLLEGE OF PHARMACY & AHS, DURGAPUR
(NBA Accredited for UG Pharmacy Program)**

FACULTY: PM

PROGRAM: B. PHARM

Course Code: 3.1.T & PT 314

Course Name: Fundamentals of Organic Chemistry

Suggested Books for the Course (with links):

Sl. No.	Book Name, Ed., Vol	Authors	Weblink(s)
1.	Organic Chemistry	Nick Greeves, Stuart Warren, Jonathan Clayden	Jonathan Clayden, Nick Greeves, Stuart Warren, Peter Wothers-Organic Chemist.pdf
2.	Concepts of Organic Chemistry	O.P.Tandon	GRB Organic Chemistry IIT JEE.pdf
3.	Organic Chemistry Vol. I	I.L.Finar	I.L.Finar Organic Chemistry

Supplementary Materials for Reference and Self Study:

Date	Module (as per Lesson Plan)	Topic	Live Recording Link	PP T Link	Supplementary Notes / Resources	Remarks, if any
24.07.2020	Unit 1	Aromatic Compounds	CLICK HERE	--	Aromatic compounds.pdf	---
25.07.2020	Unit 1	Huckel's rule	CLICK HERE	--	3.1.T_Aromatic Examples.pdf	---
31.07.2020	Unit 1	Identification of Aromatic compounds	CLICK HERE	--	3.1.T. Heterocyclic Aromatics	---
07.08.2020	Unit 1	Nomenclature of Aromatic compounds	CLICK HERE	--	Aromatic compounds	---



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08.08.2020	Unit 1	Properties of aromatic compounds	CLICK HERE	--	Properties_Aromatic	--
14.08.2020	Unit 1	Chemical properties of aromatic compounds	CLICK HERE	--	EDG and EWG groups	
21.08.2020	Unit 1	Study on EDG and EWG groups	CLICK HERE	--	EDG and EWG groups	
22.08.2020	Unit 1	Directive influence of EDG and EWG groups	CLICK HERE	--	Aromatic compounds	
28.08.2020	Unit I	Electrophilic aromatic substitution reaction Introduction and Halogenation reaction	CLICK HERE	--	3.1.T-28.08.2020	
29.08.2020	Unit I	Friedel Craft alkylation, Friedel Craft acylation and Nitration of Benzene	CLICK HERE	--	3.1.T-29.08.2020	
04.09.2020	Unit I	Sulphonation reaction, Addition reaction & Ozonolysis	CLICK HERE	--	Aromatic compounds	
11.09.2020	Unit I	Addition reactions and revision	CLICK HERE	--	3.1.T-11.09.2020	
12.09.2020	Unit V	Cycloalkane-Baeyer Strain Theory	CLICK HERE	--	3.1.T-12.09.2020	
11.12.2020	Unit V	Cycloalkane-Limitations of Baeyer Strain Theory	CLICK HERE		Cycloalkanes	
12.12.2020	Unit V	Cycloalkane-Coulson Moffitt Model and axial and equatorial hydrogens of cycloalkane	CLICK HERE		Cycloalkane detailed note	



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18.12.2020	Unit IV	Fats and Oils- Introduction	CLICK HERE		Fats and Oils-Introduction	
15.01.2021	Unit IV	Fats and Oils- Classification & Saponification value	CLICK HERE		Fats and oils detailed notes	
22.01.2020	Unit IV	Fats and Oils- Saponification value,	CLICK HERE		Fats and Oils detailed notes	
12.02.2020	Unit IV	Fats and Oils- Acid value, Acetyl Value	CLICK HERE		FATS AND OILS	
13.02.2020	Unit IV	Aromatic compounds (revision)	CLICK HERE		CLICK HERE	
19.02.2021	Unit I	Aromatic compounds (revision)	CLICK HERE		CLICK HERE	
20.02.2021	Unit I	Aromatic compounds (revision)	CLICK HERE		CLICK HERE	