

No. of Hours	TOPIC	Days	Expected date	Conducted date	Remark
1	Stereo Isomerism	THU	19-06-25		
2	Optical Isomerism Optical Activity, Enantiomers,	FRI	20-06-25		
3	Diastereoisomerism, Meso Compounds	SAT	21-06-25		World Blood Bonners day Blood Donation Camp at LCP
4	Elements of Symmetry Chiral and Achiral Molecules	THU	26-06-25		
5	DLSystem of Nomenclatureof Optical Isomers SequenceRules,	FRI	27-06-25		
6	RS System of Nomenclature of Optical Isomers Reactions of Chiral Molecules Racemic Modification and	SAT	28-06-25		
7	Resolution of RacemicMixture.	THU	03-07-25		
8	Asymmetric Synthesis: Partial Method	FRI	04-07-25		
9	Asymmetric Synthesis: Absolute Method	SAT	05-07-25		
10	Asymmetric Synthesis: Crams Rule and Prelogs Rule	THU	10-07-25		
11	Geometrical isomerism	FRI	11-07-25		
12	Nomenclature of Geometrical Isomers (Cis Trans,)	SAT	12-07-25		
13	EZ, Syn Anti systems	THU	17-07-25		
14	Methods of Determination of Configuration of Geometrical Isomers.	FRI	18-07-25		
15	Conformational Isomerism in Ethane, n-Butane and Cyclohexane	SAT	19-07-25		
16	Methods of Determination of Configuration of Geometrical Isomers.	THU	24-07-25		
17	Stereo Isomerism in BiphenylCompounds	FRI	25-07-25		
18	Atropoisomeric)and Conditions for Optical Activity reactions	SAT	26-07-25		
19	Stereospecificand stereoselective	THU	31-07-25		
20	Cyclo Adition Reactions	FRI	01-08-25		
21	<b>Heterocyclic compounds:</b>	SAT	02-08-25		
22	Nomenclature	THU	07-08-25		
23	Classification	FRI	08-08-25		
24	Synthesis, Reactions andMedicinal Uses of following Compounds/Derivatives	SAT	09-08-25		
25	Synthesis, Reactions andMedicinal Uses of Pyrrole,	THU	21-08-25		

No. of Hours	TOPIC	Days	Expected date	Conducted date	Remark
26	Synthesis, Reactions and Medicinal Uses of Furan	FRI	22-08-25		
27	Synthesis, Reactions and Medicinal Uses of Thiophene	SAT	23-08-25		
28	Preparation and Reactions of Thiophene	THU	28-08-25		
29	Relative Aromaticity of Pyrrole	FRI	29-08-25		
30	Reactivity and Basicity of Pyrrole	SAT	30-08-25		
31	Synthesis, Reactions and Medicinal uses of following Compounds/Derivatives	THU	04-09-25		
32	Pyrazole, Imidazole	SAT	06-09-25		
33	Oxazole and Thiazole.	THU	11-09-25		
34	Pyridine, Quinoline	FRI	12-09-25		
35	Isoquinoline, Acridine and	SAT	13-09-25		
36	Indole. Basicity of Pyridine	THU	18-09-25		
37	Synthesis and medicinal uses of Pyrimidine and their Derivatives Purine and their Derivatives	FRI	19-09-25		
38	Azepines and their Derivatives <b>Reactions of Synthetic Importance</b>	SAT	20-09-25		
39	Metal Hydride Reduction (Na BH <sub>4</sub> and Li Al H <sub>4</sub> )	THU	25-09-25		World Pharmacist Day and NSS Day
40	Clemmensen Reduction, Birch Reduction,	FRI	26-09-25		
41	Wolff Kishner Reduction.	SAT	27-09-25		
42	Oppenauer-oxidation and Dakin Reaction.	FRI	03-10-25		
43	Beckmanns Rearrangement and	SAT	04-10-25		
44	Schmidt Rearrangement.	THU	09-10-25		
45	Claisen-Schmidt condensation	FRI	10-10-25		