

A.V. Education Society's
DEGLOOR COLLEGE, DEGLOOR
Annual Teaching Plan 2023 – 2024
Department of Chemistry



B.Sc I Year (Sem. I)

Subject : Organic Chemistry-I

Name of the Teacher : Dr. Chidrawar A. B

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1	Nomenclature of Organic Compounds	07	15.07.2023	10.08.2023
2	Basic Concepts in Organic Chemistry	09	11.08.2023	15.09.2023
3	Alkanes, Alkenes and Alkynes	08	16.09.2023	05.10.2023
4	Cycloalkanes, Cycloalkenes and Dienes	06	06.10.2023	30.10.2023

B.Sc I Year (Sem. II)

Subject : Organic Chemistry – III

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	Aromatic Hydrocarbons and Aromaticity	09	01.01.2024	05.02.2024
2.	Phenols	05	06.02.2024	20.02.2024
3.	Haloalkene and Haloarene	06	21.02.2024	10.03.2024
4.	Carboxylic Acid Derivatives	05	11.03.2024	20.03.2024
5.	Alcohols and epoxides	05	21.03.2024	31.03.2024

Class : B.Sc III Yr (Semester – V)

Subject : Organic Chemistry – XII

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	Heterocyclic Compounds	06	15.07.2023	05.08.2023
2.	Six-membered heterocyclics : Pyridine	04	06.08.2023	15.09.2023
3.	Synthetic drugs and dyes	10	16.09.2023	05.10.2023
4.	Alkaloids, Vitamins and Pesticides	10	06.10.2023	30.10.2023



B.Sc III Yr (Semester – VI)

Subject : Organic Chemistry – XIV

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	Spectroscopic Methods (1) U. V. Spectroscopy : (2) I.R.Spectroscopy :	08	01.01.2024	31.01.2024
2.	NMR – Spectroscopy : Problems pertaining to the structure elucidation of simple organic compounds using PMR- Spectroscopic data (Supporting IR and UV data to be given)	12	01.02.2024	28.02.2024
3.	Amino acids and Peptides	06	01.03.2024	20.03.2024
4.	Synthetic Polymers and Molecular Rearrangements	04	21.03.2024	31.03.2024

Class : B.Sc I Yr (Semester – I & II)

Subject : Chemistry Practical – V

S.No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	A) Inorganic Chemistry	04 X 10 = 40	20.07.2023	31.10.2023
2.	B) Organic Chemistry	04 X 10 = 40	01.01.2024	15.02.2024
3.	C) Physical Chemistry (Any Six)	04 X 10 = 40	16.02.2024	31.03.2024

Class : B.Sc III Yr (Semester – V)

Subject : Skill Enhancement Course SEC – III (DSEC-III)

SEC-III : Computer Application in Chemistry

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	Use of Softwares	15	20.07.2023	10.08.2023
2.	Biological activity and Toxicity evaluation of organic compounds using software:	15	11.08.2023	10.09.2023
3.	Use of Excel in Chemistry:	15	11.09.2023	31.10.2023




Class : B.Sc II Yr (Semester – III & IV)
Subject : Org. & Inorganic Chemistry Practical-X

S.No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	Part-1 : (Organic Chemistry) 1. Only demonstration	04 X 02 = 08	20.07.2023	31.07.2023
2.	2. Qualitative analysis	04 X 12 = 48	01.08.2023	31.10.2023
3.	3. Quantitative analysis	04 X 08 = 32	01.01.2024	15.02.2024
4.	Part-2 : Inorganic Chemistry	04 X 08 = 32	16.02.2024	31.03.2024

Class : B.Sc II Yr (Semester – III & IV)

Subject : Physical + Inorganic Chemistry Practical – XI

S.No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	(Physical Chemistry) Instrumental Practicals	04 X 12 = 48	20.07.2023	31.10.2023
2.	Non-Instrumental Practicals	04 X 12 = 48	01.01.2024	25.02.2024
3.	(Inorganic Chemistry) Separation of binary mixtures and estimation of any one by volumetric method:	04 X 06 = 24	26.02.2024	31.03.2024


Principal
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