

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



Class: B.Sc III Yr (Semester – V)

Subject: Inorganic Chemistry – XII

Name of the Teacher: Mr. V. N. Kale

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	Co-ordination chemistry (Part-I)	10	17-07-23	01-09-23
2.	The Chemistry of elements in medicine	05	02-09-23	15-09-23

B.Sc. III Year (Sem. V)

Subject: Inorganic Chemistry - XIII

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1)	Organometallic compounds	09	16-09-23	01-10-23
2)	Metal carbonyls	06	02-10-23	30-10-23

B.Sc. III Yr. (Semester – VI) Subject: Inorganic Chemistry – XIV

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	Coordination theory (Part-II)	10	01-01-24	01-02-24
2.	Electronic spectra of Transition metal complexes:	05	02-02-24	15-02-24

B.Sc. III Year (Sem. VI)

Subject: Inorganic Chemistry - XV

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1)	Bioinorganic Chemistry	05	16-02-24	01-03-24
2)	Metal cluster	10	02-03-24	30-03-24

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



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

Subject: Chemistry Practical

Name of the Teacher: Mr. Kale V. N.

Sr.No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	A) Inorganic Chemistry	04 X 08 = 32	01-08-23	29-10-23
2.	B) Organic Chemistry	04 X 04 = 16	30-10-23	25-01-24
3.	C) Physical Chemistry	04 X 06 = 24	26-01-24	30-03-24

Class: B.Sc. III Yr. (Semester – V & VI)

Subject: Organic + Inorganic Chemistry Practical – XVI

Sr.No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1)	Organic qualitative analysis	04 X 07 = 28	01-07-23	06-08-23
2)	Organic Preparation	04 X 05 = 20	09-10-23	30-10-23
3)	Only demonstrations	04 X 03 = 12	11-01-24	10-02-24
4)	Section – B (Inorganic Chemistry)	04 X 04 = 16	13-03-24	27-03-24

Class: B.Sc. III Yr. (Semester – V & VI)

Subject: Physical + Inorganic Chemistry Practical – XVII

S.No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	Section – A (Physical Chemistry) Instrumental	04 X 08 = 32	01-07-23	06-08-23
2	Non-Instrumental	04 X 08 = 32	09-10-23	25-02-24
3	Section – B (Inorganic Chemistry)	04 X 04 = 16	26-02-24	27-03-24

B.Sc. II Year (Sem. III)

Subject: Inorganic Chemistry - VI



Name of the Teacher: Mr. Kale V. N.

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1)	[A] Theory of Qualitative Analysis	09	01-07-23	06-08-23
2)	[B] Non-aqueous Solvents	06	07-08-23	02-09-23

B.Sc. II Year (Sem. III)

Subject: Inorganic Chemistry - VII

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1)	[A] Nuclear Chemistry:	10	03-09-23	08-10-23
2)	[B] Theory of Gravimetric Analysis	05	09-10-23	30-10-23

B.Sc. II Year (Sem. IV)

Subject: Inorganic Chemistry - VIII

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1)	[A] Chemistry of d-Block Elements	07	11-01-24	10-02-24
2)	[B] Chemistry of f-Block Elements.	08	11-02-24	25-02-24

B.Sc. II Year (Sem. IV)

Subject: Inorganic Chemistry -IX

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1)	[A] Chemistry of Non-transition elements	05	26-02-24	12-03-24
2)	[B] Chemistry of Halogen compounds	10	13-03-24	30-03-24

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




Class: B.Sc III Yr (Semester – VI) Subject: Skill Enhancement Course
SEC – IV (DSEC-IV)

Name of the Teacher: Mr. Kale V. N.

SEC-III: Spectroscopic Techniques and Cosmetic Preparation

Chapter No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	Instruments in spectroscopy. Instrumentation: Study of UV, IR, NMR and Mass spectroscopy	15	30-12-23	20-01-24
2.	Determination of structures of organic compounds by using UV, IR, NMR and Mass spectra: Hydrocarbons, unsaturated hydrocarbons, alcohols, amines, aldehydes, ketones, carboxylic acids and esters, acid halides, amides and anhydrides	15	21-01-24	25-02-24
3.	Preparation of cosmetics Preparation of talcum powder Preparation of shampoo Preparation of face cream Preparation of nail polish and nail polish remover	15	26-02-24	31-03-24


Principal
A.V. Education Society's
Degloor College, Degloor