



A.V. Education Society's
DEGLOOR COLLEGE, DEGLOOR
Annual Teaching Plan 2022 – 2023
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	30-07-22	10-09-22
2.	The Chemistry of elements in medicine	05	11-09-22	25-09-22

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	26-09-22	20-10-22
2)	Metal carbonyls	06	21-10-22	30-11-22

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	20-12-22	31-01-23
2.	Electronic spectra of Transition metal complexes:	05	01-02-23	18-02-23

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	19-02-23	05-03-23
2)	Metal cluster	10	06-03-23	05-04-23



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Class :B.Sc I Yr (Semester – I & II)

Subject : Chemistry Practical – V

Sr.No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	A) Inorganic Chemistry	04 X 08 = 32	30-07-22	10-08-22
2.	B) Organic Chemistry	04 X 04 = 16	11-08-22	10-12-22
3.	C) Physical Chemistry	04 X 06 = 24	01-02-23	05-04-23

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 : (Seven mixtures)	04 X 07 = 28	30-07-22	01-10-22
2.	Organic Preparation : (Any five)	04 X 05 = 20	02-10-22	10-12-22
3.	Only demonstrations :	04 X 03 = 12	30-12-22	31-01-23
4.	(Inorganic Chemistry)	04 X 04 = 16	01-02-23	05-04-23

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

Subject : Physical+ Inorganic Chemistry Practical – XVII

Sr.No.	Units of Syllabus	Expected Periods	Expected Duration	
			From	To
1.	Section – A (Physical Chemistry) Instrumental	04 X 08 = 32	30-07-22	10-10-22
2.	Non-Instrumental	04 X 08 = 32	11-10-22	10-02-23
3.	Section – B (Inorganic Chemistry)	04 X 04 = 16	11-02-23	05-04-23



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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	30-07-22	10-09-22
2)	[B] Non-aqueous Solvents	06	11-09-22	25-09-22

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	26-09-22	15-10-22
2)	[B] Theory of Gravimetric Analysis	05	16-10-22	30-11-22

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	20-12-22	31-01-23
2)	[B] Chemistry of f-Block Elements.	08	01-02-23	18-02-23

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	19-02-23	05-03-23
2)	[B] Chemistry of Halogen compounds	10	06-03-23	05-04-23




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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	30-12-22	20-01-23
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	21-01-23	25-02-23
3.	Preparation of cosmetics Preparation of talcum powder Preparation of shampoo Preparation of face cream Preparation of nail polish and nail polish remover	15	26-02-23	31-03-23


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