

A.V. Education Society's  
**DEGLOOR COLLEGE, DEGLOOR**  
**Annual Teaching Plan 2019 – 2020**  
**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	05 July 2019	13 Aug. 2019
2.	The Chemistry of elements in medicine	05	14 Aug 2019	29 Aug. 2019

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	30-08-19	10-09-19
2)	Metal carbonyls	06	11-09-19	05-10-19

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	1-12-19	10-1-20
2.	Electronic spectra of Transition metal complexes:	05	11-01-20	25-1-20

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	26-01-20	07-02-20
2)	Metal cluster	10	08-02-20	10-03-20

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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	15 July 2019	05 Oct. 2019
2.	B) Organic Chemistry	04 X 04 = 16	05 Dec. 2019	31 Dec. 2019
3.	C) Physical Chemistry	04 X 06 = 24	01 Jan. 2020	28 Feb. 2020

**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.	01. Organic qualitative analysis	04 X 07 = 28	15 July 2019	05 Sep. 2019
2.	02. Organic Preparation	04 X 05 = 20	06 Sep. 2019	05 Oct. 2019
3.	03. Only demonstrations :	04 X 03 = 12	19 Nov. 2019	15 Jan. 2020
4.	Section – B (Inorganic Chemistry)	04 X 04 = 16	16 Jan. 2020	28 Feb. 2020

**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	15 July 2019	05 Oct. 2019
2.	Non-Instrumental	04 X 08 = 32	19 Nov. 2019	20 Jan. 2020
3.	Section – B (Inorganic Chemistry)	04 X 04 = 16	21 Jan. 2020	28 Feb. 2020

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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	01-07-19	03-08-19
2)	[B] Non-aqueous Solvents	06	04-08-19	22-08-19

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	23-08-19	26-09-19
2)	[B] Theory of Gravimetric Analysis	05	27-09-19	10-10-19

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	10-12-19	30-12-19
2)	[B] Chemistry of f-Block Elements.	08	31-12-19	20-01-20

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	21-01-20	05-02-20
2)	[B] Chemistry of Halogen compounds	10	06-02-20	10-03-20



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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	01 Dec. 2019	05 Jan. 2020
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	06 Jan. 2020	05 Feb. 2020
3.	Preparation of cosmetics Preparation of talcum powder Preparation of shampoo Preparation of face cream Preparation of nail polish and nail polish remover	15	06 Feb. 2020	07 Mar. 2020

  
**PRINCIPAL**  
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