

P.G.GOV.T. COLLEGE FOR GIRLS, SECTOR 42, CHANDIGARH

Teaching Plan

Name: Narinder Anchal

Class: B.Sc I

Paper: Inorganic Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Atomic structure (Sec- C)
Week 2	27 th July	1 th Aug	Atomic structure (Sec- D)
Week 3	3 th Aug	8 th Aug	Periodic Table (Sec- C)
Week 4	10 th Aug	15 th Aug	Periodic Table (Sec- D)
Week 5	17 th Aug	22 th Aug	Noble Gases (Sec- C)
Week 6	24 th Aug	29 th Aug	Noble Gases (Sec- D)
Week 7	31 th Aug	5 th Sept	S- Block (Sec- C)
Week 8	7 th Sept	12 th Sept	S- Block (Sec- D)
Week 9	14 th Sept	19 th Sept	Chemical Bonding Part I (Sec- C)
Week 10 (including mid term)	21 th Sept	3 th Oct	Chemical Bonding Part I (Sec- D)
Week 11	5 th Oct	10 th Oct	Chemical Bonding Part I (Sec- C)
Week 12	12 th Oct	21 th Oct	Chemical Bonding Part I (Sec- D)

Name: Deepika Kansal

Class: B.Sc III

Paper: Physical Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Photochemistry (Sec- A)
Week 2	27 th July	1 th Aug	Photochemistry (Sec- B)
Week 3	3 th Aug	8 th Aug	Photochemistry (Sec- C)
Week 4	10 th Aug	15 th Aug	Quantum Mechanics Part-I (Sec- A)
Week 5	17 th Aug	22 th Aug	Quantum Mechanics Part-I (Sec- B)
Week 6	24 th Aug	29 th Aug	Quantum Mechanics Part-I (Sec- C)
Week 7	31 th Aug	5 th Sept	Quantum Mechanics Part-I (Sec- A)
Week 8	7 ^h Sept	12 th Sept	Quantum Mechanics Part-I (Sec- B)
Week 9	14 th Sept	19 th Sept	Quantum Mechanics Part-I (Sec- C)
Week 10 (including mid term)	21 th Sept	3 th Oct	Quantum Mechanics Part-II (Sec- A)
Week 11	5 th Oct	10 th Oct	Quantum Mechanics Part-II (Sec- B)
Week 12	12 th Oct	21 th Oct	Quantum Mechanics Part-II (Sec- C)

Name: Seema Gupta

Class: B.Sc II

Paper: Organic Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Monohydric alcohols (Sec-C)
Week 2	27 th July	1 th Aug	Monohydric alcohols (Sec-D)
Week 3	3 th Aug	8 th Aug	Dihydric and trihydric alcohols (Sec-C)
Week 4	10 th Aug	15 th Aug	Dihydric and trihydric alcohols (Sec-D)
Week 5	17 th Aug	22 th Aug	Phenols, Nomenclature, structure, bonding, preparation and physical properties (Sec-C)
Week 6	24 th Aug	29 th Aug	Phenols, Nomenclature, structure, bonding, preparation and physical properties (Sec-D)
Week 7	31 th Aug	5 th Sept	Chemical Properties of Phenols (Sec- C)
Week 8	7 th Sept	12 th Sept	Chemical Properties of Phenols (Sec- D)
Week 9	14 th Sept	19 th Sept	Aldehyde and Ketones I , Nomenclature, Structure and synthesis of aldehydes (Sec- C)
Week 10 (including mid term)	21 th Sept	3 th Oct	Aldehyde and Ketones I , Nomenclature, Structure and synthesis of aldehydes (Sec- D)
Week 11	5 th Oct	10 th Oct	synthesis of Ketones and Physical Properties (Sec- C)
Week 12	12 th Oct	21 th Oct	synthesis of Ketones and Physical Properties (Sec- D)

Name: Puneet Jyoti

Class: B.Sc II

Paper: Physical Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Chemical Equilibrium (Sec-A)
Week 2	27 th July	1 th Aug	Chemical Equilibrium (Sec-B)
Week 3	3 th Aug	8 th Aug	Reaction Isotherm, Isochor , clausius clapeyron Equation(Sec-A)
Week 4	10 th Aug	15 th Aug	Reaction Isotherm, Isochor , clausius clapeyron Equation(Sec-B)
Week 5	17 th Aug	22 th Aug	Liquid State (Sec-A)
Week 6	24 th Aug	29 th Aug	Liquid State (Sec-B)
Week 7	31 th Aug	5 th Sept	Liquid Crystals (Sec-A)
Week 8	7 ^h Sept	12 th Sept	Liquid Crystals (Sec-B)
Week 9	14 th Sept	19 th Sept	Thermodynamic II (Sec-A)
Week 10 (including mid term)	21 th Sept	3 th Oct	Thermodynamic II (Sec-B)
Week 11	5 th Oct	10 th Oct	Concept of Entropy (Sec-A)
Week 12	12 th Oct	21 th Oct	Concept of Entropy (Sec-B)

Name: Rajender Swain

Class: B.Sc III

Paper: Organic Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Carbohydrates (Sec- B)
Week 2	27 th July	1 th Aug	Carbohydrates (Sec- C)
Week 3	3 th Aug	8 th Aug	Carbohydrates (Sec- A)
Week 4	10 th Aug	15 th Aug	EMR and UV Spectroscopy (Sec-B)
Week 5	17 th Aug	22 th Aug	EMR and UV Spectroscopy (Sec-C)
Week 6	24 th Aug	29 th Aug	EMR and UV Spectroscopy (Sec-A)
Week 7	31 th Aug	5 th Sept	IR Spectroscopy (Sec-B)
Week 8	7 ^h Sept	12 th Sept	IR Spectroscopy (Sec-A)
Week 9	14 th Sept	19 th Sept	IR Spectroscopy (Sec-C)
Week 10 (including mid term)	21 th Sept	3 th Oct	NMR Spectroscopy (Sec-B)
Week 11	5 th Oct	10 th Oct	NMR Spectroscopy (Sec-C)
Week 12	12 th Oct	21 th Oct	NMR Spectroscopy (Sec-A)

Name: Gagandeep Gyani

Class: B.Scl

Paper:Organic and Physical Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Gaseous State (Sec-A)
Week 2	27 th July	1 th Aug	Gaseous State (Sec-B)
Week 3	3 th Aug	8 th Aug	Structure and Bonding (Sec-A)
Week 4	10 th Aug	15 th Aug	Structure and Bonding (Sec-B)
Week 5	17 th Aug	22 th Aug	Mechanism of organic reactions (Sec-A)
Week 6	24 th Aug	29 th Aug	Mechanism of organic reactions (Sec-B)
Week 7	31 th Aug	5 th Sept	UV Spectra (Sec-A)
Week 8	7 ^h Sept	12 th Sept	UV Spectra (Sec-B)
Week 9	14 th Sept	19 th Sept	Stereochemistry (Sec-A)
Week 10 (including mid term)	21 th Sept	3 th Oct	Stereochemistry (Sec-B)
Week 11	5 th Oct	10 th Oct	Stereochemistry (Sec-A)
Week 12	12 th Oct	21 th Oct	Stereochemistry (Sec-B)

Name: Kiran

Class: B.Sc II

Paper: Organic and Inorganic Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Alcohols (Sec-B)
Week 2	27 th July	1 th Aug	Alcohols (Sec-A)
Week 3	3 th Aug	8 th Aug	Phenols (Sec-B)
Week 4	10 th Aug	15 th Aug	Phenols (Sec-A)
Week 5	17 th Aug	22 th Aug	Aldehydes (Sec-B)
Week 6	24 th Aug	29 th Aug	Aldehydes (Sec-A)
Week 7	31 th Aug	5 th Sept	Ketones (Sec-B)
Week 8	7 th Sept	12 th Sept	Ketones (Sec-A)
Week 9	14 th Sept	19 th Sept	First Transition Series (Sec-B)
Week 10 (including mid term)	21 th Sept	3 th Oct	First Transition Series (Sec-A)
Week 11	5 th Oct	10 th Oct	Second and third Transition Series (Sec-B)
Week 12	12 th Oct	21 th Oct	Second and third Transition Series (Sec-A)

Name: Gagandeep Dandiwal

Class: B.Sc II

Paper: Inorganic Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Werner Coordination Theory and its verification, Chelates , nomenclature of Coordination compounds (Sec-A)
Week 2	27 th July	1 th Aug	Werner Coordination Theory and its verification, Chelates , nomenclature of Coordination compounds (Sec-B)
Week 3	3 th Aug	8 th Aug	Isomerism in coordination compounds and EAN rule (Sec-A)
Week 4	10 th Aug	15 th Aug	Isomerism in coordination compounds and EAN rule (Sec-B)
Week 5	17 th Aug	22 th Aug	VBT of transition Metal complex(Sec-A)
Week 6	24 th Aug	29 th Aug	VBT of transition Metal complex(Sec-B)
Week 7	31 th Aug	5 th Sept	Properties of coordination compounds and applications of VBT(Sec-A)
Week 8	7 th Sept	12 th Sept	Properties of coordination compounds and applications of VBT(Sec-B)
Week 9	14 th Sept	19 th Sept	Magnetic Properties and Use of Qualitative approach (Sec-A)
Week 10 (including mid term)	21 th Sept	3 th Oct	Magnetic Properties and Use of Qualitative approach (Sec-B)
Week 11	5 th Oct	10 th Oct	Applications of Coordination compounds (Sec-A)
Week 12	12 th Oct	21 th Oct	Applications of Coordination compounds (Sec-B)

Name: Nasreen

Class: B.Sc II

Paper: Inorganic Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Werner Coordination Theory and its verification, Chelates , nomenclature of Coordination compounds (Sec-C)
Week 2	27 th July	1 th Aug	Werner Coordination Theory and its verification, Chelates , nomenclature of Coordination compounds (Sec-D)
Week 3	3 th Aug	8 th Aug	Isomerism in coordination compounds and EAN rule (Sec-C)
Week 4	10 th Aug	15 th Aug	Isomerism in coordination compounds and EAN rule (Sec-D)
Week 5	17 th Aug	22 th Aug	VBT of transition Metal complex(Sec-C)
Week 6	24 th Aug	29 th Aug	VBT of transition Metal complex(Sec-D)
Week 7	31 th Aug	5 th Sept	Properties of coordination compounds and applications of VBT(Sec-C)
Week 8	7 th Sept	12 th Sept	Properties of coordination compounds and applications of VBT(Sec-D)
Week 9	14 th Sept	19 th Sept	Magnetic Properties and Use of Qualitative approach (Sec-C)
Week 10 (including mid term)	21 th Sept	3 th Oct	Magnetic Properties and Use of Qualitative approach (Sec-D)
Week 11	5 th Oct	10 th Oct	Applications of Coordination compounds (Sec-C)
Week 12	12 th Oct	21 th Oct	Applications of Coordination compounds (Sec-D)

Name: Parul Vohra

Class: B.Sc I

Paper: Inorganic Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Atomic structure (Sec- B)
Week 2	27 th July	1 th Aug	Atomic structure (Sec- A)
Week 3	3 th Aug	8 th Aug	Periodic Table (Sec- B)
Week 4	10 th Aug	15 th Aug	Periodic Table (Sec- A)
Week 5	17 th Aug	22 th Aug	Noble Gases (Sec- B)
Week 6	24 th Aug	29 th Aug	Noble Gases (Sec- A)
Week 7	31 th Aug	5 th Sept	S- Block (Sec- B)
Week 8	7 ^h Sept	12 th Sept	S- Block (Sec- A)
Week 9	14 th Sept	19 th Sept	Chemical Bonding Part I (Sec- B)
Week 10 (including mid term)	21 th Sept	3 th Oct	Chemical Bonding Part I (Sec- A)
Week 11	5 th Oct	10 th Oct	Chemical Bonding Part I (Sec- B)
Week 12	12 th Oct	21 th Oct	Chemical Bonding Part I (Sec- A)

Name: Gurwinder Kaur

Class: B.Sc II

Paper: Physical Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Chemical Equilibrium (Sec-D)
Week 2	27 th July	1 th Aug	Chemical Equilibrium (Sec-C)
Week 3	3 th Aug	8 th Aug	Liquid State (Sec-D)
Week 4	10 th Aug	15 th Aug	Liquid State (Sec-C)
Week 5	17 th Aug	22 th Aug	Liquid Crystals (Sec-D)
Week 6	24 th Aug	29 th Aug	Liquid Crystals (Sec-C)
Week 7	31 th Aug	5 th Sept	Thermodynamic II (Sec-D)
Week 8	7 th Sept	12 th Sept	Thermodynamic II (Sec-C)
Week 9	14 th Sept	19 th Sept	Concept of Entropy (Sec-D)
Week 10 (including mid term)	21 th Sept	3 th Oct	Concept of Entropy (Sec-C)
Week 11	5 th Oct	10 th Oct	Clausius Inequality, Entropy Change in ideal gases and mixing of gases(Sec-D)
Week 12	12 th Oct	21 th Oct	Clausius Inequality, Entropy Change in ideal gases and mixing of gases(Sec-C)

Name: Jasleen Kaur

Class: B.Sc I (BTH)

Paper:Chemistry

Subject:Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Photochemistry
Week 2	27 th July	1 th Aug	Chemical Kinetics
Week 3	3 th Aug	8 th Aug	Periodic Properties
Week 4	10 th Aug	15 th Aug	Fundamentals of Organic Chemistry
Week 5	17 th Aug	22 th Aug	Alkyl Halides
Week 6	24 th Aug	29 th Aug	Coordination compounds
Week 7	31 th Aug	5 th Sept	VBT and MBT
Week 8	7 ^h Sept	12 th Sept	Chemical Bonding
Week 9	14 th Sept	19 th Sept	Solutions
Week 10 (including mid term)	21 th Sept	3 th Oct	Carboxylic Acids
Week 11	5 th Oct	10 th Oct	Esters and Acid Chlorides
Week 12	12 th Oct	21 th Oct	Amides and Anhydrides

Name: Ashu Sharma

Class: B.Scl

Paper:Organic and Physical Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Structure and Bonding (Sec-D)
Week 2	27 th July	1 th Aug	Structure and Bonding (Sec-C)
Week 3	3 th Aug	8 th Aug	Mechanism of organic reactions (Sec-D)
Week 4	10 th Aug	15 th Aug	Mechanism of organic reactions (Sec-C)
Week 5	17 th Aug	22 th Aug	Electromagnetic Spectrum(Sec-D)
Week 6	24 th Aug	29 th Aug	Electromagnetic Spectrum(Sec-C)
Week 7	31 th Aug	5 th Sept	Stereochemistry I (Sec-D)
Week 8	7 ^h Sept	12 th Sept	Stereochemistry I (Sec-C)
Week 9	14 th Sept	19 th Sept	Stereochemistry II (Sec-D)
Week 10 (including mid term)	21 th Sept	3 th Oct	Stereochemistry II (Sec-C)
Week 11	5 th Oct	10 th Oct	Kinetics (Sec-D)
Week 12	12 th Oct	21 th Oct	Kinetics (Sec-C)

Name: Sujata Vohra

Class: B.ScIII

Paper: inorganic Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Bioinorganic Chemistry Essential and Trace elements(Sec-A)
Week 2	27 th July	1 th Aug	Bioinorganic Chemistry Essential and Trace elements(Sec-B)
Week 3	3 th Aug	8 th Aug	Bioinorganic Chemistry Essential and Trace elements(Sec-C)
Week 4	10 th Aug	15 th Aug	Metalloporphyrins Hb and Mb(Sec-A)
Week 5	17 th Aug	22 th Aug	Metalloporphyrins Hb and Mb(Sec-B)
Week 6	24 th Aug	29 th Aug	Metalloporphyrins Hb and Mb(Sec-C)
Week 7	31 th Aug	5 th Sept	Biological role of alkali and alkaline earth metal ions (Sec-A)
Week 8	7 ^h Sept	12 th Sept	Biological role of alkali and alkaline earth metal ions (Sec-B)
Week 9	14 th Sept	19 th Sept	Biological role of alkali and alkaline earth metal ions (Sec-C)
Week 10 (including mid term)	21 th Sept	3 th Oct	Nitrogen Fixation and OMC (Sec-A)
Week 11	5 th Oct	10 th Oct	Nitrogen Fixation and OMC (Sec-B)
Week 12	12 th Oct	21 th Oct	Nitrogen Fixation and OMC (Sec-C)

Name: Satinder kaur

Class: B.ScIII

Paper:inorganic Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Metal ligand bonding In transition Metal complexes(Sec-C)
Week 2	27 th July	1 th Aug	Metal ligand bonding In transition Metal complexes(Sec-A)
Week 3	3 th Aug	8 th Aug	Metal ligand bonding In transition Metal complexes(Sec-B)
Week 4	10 th Aug	15 th Aug	Magnetic Properties of transition Metal complexes(Sec-C)
Week 5	17 th Aug	22 th Aug	Magnetic Properties of transition Metal complexes(Sec-A)
Week 6	24 th Aug	29 th Aug	Magnetic Properties of transition Metal complexes(Sec-B)
Week 7	31 th Aug	5 th Sept	Electronic Spectra of transition Metal complexes(Sec-C)
Week 8	7 ^h Sept	12 th Sept	Electronic Spectra of transition Metal complexes(Sec-A)
Week 9	14 th Sept	19 th Sept	Electronic Spectra of transition Metal complexes(Sec-B)
Week 10 (including mid term)	21 th Sept	3 th Oct	Hard Soft Acid Base(Sec-C)
Week 11	5 th Oct	10 th Oct	Hard Soft Acid Base(Sec-A)
Week 12	12 th Oct	21 th Oct	Hard Soft Acid Base(Sec-B)

Name: Neha Sharma

Class: B.ScIII

Paper:Organic and Physical Chemistry

Subject: Chemistry

Session: 2015-2016

S.No.	Date From	Date Upto	Topics to be covered
Week 1	20 th July	25 th July	Amino Acids (Sec-B, C)
Week 2	27 th July	1 th Aug	Peptides (Sec- C) AminoAcids(Sec-A)
Week 3	3 th Aug	8 th Aug	Peptides (Sec-A,B)
Week 4	10 th Aug	15 th Aug	Proteins (Sec-B, C)
Week 5	17 th Aug	22 th Aug	Nucleic acid (Sec- C) Proteins (Sec-A)
Week 6	24 th Aug	29 th Aug	Nucleic acid (Sec-A, B)
Week 7	31 th Aug	5 th Sept	Spectroscopy , Degrees of Freedom(Sec-B,C)
Week 8	7 ^h Sept	12 th Sept	Pure Rotational Spectra (Sec-C) Spectroscopy , Degrees of Freedom (Sec-A)
Week 9	14 th Sept	19 th Sept	Pure Rotational Spectra(Sec-A, B)
Week 10 (including mid term)	21 th Sept	3 th Oct	Vibrational-Rotational Spectra (Sec-B,C)
Week 11	5 th Oct	10 th Oct	Anharmornic motion (Sec-C) Vibrational-Rotational Spectra (Sec-A)
Week 12	12 th Oct	21 th Oct	Anharmornic motion (Sec-A,B)