**Post Graduate Govt. College for Girls, Sector-42, Chandigarh**

**Teaching Plan (Even Semester) Session (2019-2020)**

**Class: BSc III**   **Name of the Teacher: Prof. Deepika Kansal**

**Subject: Chemistry Period: 2nd**

**Paper: C(Physical Chemistry) Room No: 29**

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| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 |  |
| Week 2 | 13-01-2020 to 18-01-2020 | Spectroscopy I Section-A |
| Week 3 | 20-01-2020 to 25-01-2020 | Spectroscopy I Section- B |
| Week 4 | 27-01-2020 to 01-02-2020 | Rotational & Vibrational Spectroscopy Section -A |
| Week 5 | 03-02-2020 to 08-02-2020 | Rotational & Vibrational Spectroscopy Section- B |
| Week 6 | 10-02-2020 to 15-02-2020 | Raman Spectra & Electronic Spectra Section -A |
| Week 7 | 17-02-2020 to 22-02-2020 | Raman Spectra & Electronic Spectra Section -B |
| Week 8 | 24-02-2020 to 29-02-2020 | Revision & AssignmentSection -A |
| Week 9 | 02-03-2020 to 05-03-2020 | Revision & AssignmentSection -B |
| Mid Semester Exams (06-03-2020 to 13-03-2020) | | |
| Week 11 | 14-03-2020, 16-03-2020 to 21-03-2020 | Solid State Section -A |
| Week 12 | 24-03-2020 to 28-03-2020 | Solid State Section -B |
| Week 13 | 30-03-2020 to 04-04-2020 | Structure of Crystals Section -A |
| Week 14 | 07-04-2020 to 11-04-2020 | Structure of Crystals Section -B |
| Week 15 | 15-04-2020 to 18-04-2020 | Revision & TestsSection -A |
| Week 16 | 20-04-2020 to 24-04-2020 | Revision & TestsSection -B |
| Week 17 | 27-04-2020 to 02-05-2020 | Preparatory Holidays |
| Week 18 | 04-05-2020 |  |

**Post Graduate Govt. College for Girls, Sector-42, Chandigarh**

**Teaching Plan (Even Semester) Session (2019-2020)**

**Class: BSc II**   **Name of the Teacher: Dr. Seema Gupta**

**Subject: Chemistry Period: 1st (Section-A), 3rd (section-B )**

**Paper: B(Organic Chemistry) Room No: 29,31**

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| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 | Carboxylic Acid Derivatives Section-A & Section- B |
| Week 2 | 13-01-2020 to 18-01-2020 | Carboxylic Acid Derivatives Section-A & Section- B |
| Week 3 | 20-01-2020 to 25-01-2020 | Ether & Epoxides Section-A & Section- B |
| Week 4 | 27-01-2020 to 01-02-2020 | Ether & Epoxides Section-A & Section- B |
| Week 5 | 03-02-2020 to 08-02-2020 | Nitro Compounds Section-A & Section- B |
| Week 6 | 10-02-2020 to 15-02-2020 | Nitro Compounds Section-A & Section- B |
| Week 7 | 17-02-2020 to 22-02-2020 | Amines Section-A & Section- B |
| Week 8 | 24-02-2020 to 29-02-2020 | Amines Section-A & Section- B |
| Week 9 | 02-03-2020 to 05-03-2020 | Revision & AssignmentSection-A& Section -B |
| Mid Semester Exams (06-03-2020 to 13-03-2020) | | |
| Week 11 | 14-03-2020, 16-03-2020 to 21-03-2020 | Heterocyclic Compounds Section-A & Section- B |
| Week 12 | 24-03-2020 to 28-03-2020 | Heterocyclic Compounds Section-A & Section- B |
| Week 13 | 30-03-2020 to 04-04-2020 | Heterocyclic Compounds Section-A & Section- B |
| Week 14 | 07-04-2020 to 11-04-2020 | Heterocyclic Compounds Section-A & Section- B |
| Week 15 | 15-04-2020 to 18-04-2020 | Fat oil & Detergent Section-A & Section- B |
| Week 16 | 20-04-2020 to 24-04-2020 | Fat oil & Detergent Section-A & Section- B |
| Week 17 | 27-04-2020 to 02-05-2020 | Revision , Assignment & TestsSection-A& Section -B |
| Week 18 | 04-05-2020 | Revision , Assignment & TestsSection-A& Section -B |

**Post Graduate Govt. College for Girls, Sector-42, Chandigarh**

**Teaching Plan (Even Semester) Session (2019-2020)**

**Class: BSc II**   **Name of the Teacher: Ms Puneet Jyoti**

**Subject: Chemistry Period: 1st (Section-A), 3rd (section-B )**

**Paper: C(Physical Chemistry) Room No: 29,129**

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| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 | Phase Equilibrium Section-A & Section- B |
| Week 2 | 13-01-2020 to 18-01-2020 | Phase Equilibrium Section-A & Section- B |
| Week 3 | 20-01-2020 to 25-01-2020 | Phase Equilibrium Section-A & Section- B |
| Week 4 | 27-01-2020 to 01-02-2020 | Liquid-Liquid Mixtures Section-A & Section- B |
| Week 5 | 03-02-2020 to 08-02-2020 | Liquid-Liquid Mixtures Section-A & Section- B |
| Week 6 | 10-02-2020 to 15-02-2020 | Liquid-Liquid Mixtures Section-A & Section- B |
| Week 7 | 17-02-2020 to 22-02-2020 | Distribution Law Section-A & Section- B |
| Week 8 | 24-02-2020 to 29-02-2020 | Distribution Law Section-A & Section- B |
| Week 9 | 02-03-2020 to 05-03-2020 | Distribution Law Section-A & Section- B |
| Mid Semester Exams (06-03-2020 to 13-03-2020) | | |
| Week 11 | 14-03-2020, 16-03-2020 to 21-03-2020 | Electrochemistry -I Section-A & Section- B |
| Week 12 | 24-03-2020 to 28-03-2020 | Electrochemistry -I Section-A & Section- B |
| Week 13 | 30-03-2020 to 04-04-2020 | Electrochemistry -I Section-A & Section- B |
| Week 14 | 07-04-2020 to 11-04-2020 | Electrochemistry -II Section-A & Section- B |
| Week 15 | 15-04-2020 to 18-04-2020 | Electrochemistry -II Section-A & Section- B |
| Week 16 | 20-04-2020 to 24-04-2020 | Electrochemistry -II Section-A & Section- B |
| Week 17 | 27-04-2020 to 02-05-2020 | Revision , Assignment & TestsSection-A& Section -B |
| Week 18 | 04-05-2020 | Revision , Assignment & TestsSection-A& Section -B |

**Post Graduate Govt. College for Girls, Sector-42, Chandigarh**

**Teaching Plan (Even Semester) Session (2019-2020)**

**Class: BSc III**   **Name of the Teacher: Dr. Rajendra Swain**

**Subject: Chemistry Period: 6th**

**Paper: B(Organic Chemistry) Room No: 129**

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| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 |  |
| Week 2 | 13-01-2020 to 18-01-2020 | Organic Synthesis Via Enolates Section-B |
| Week 3 | 20-01-2020 to 25-01-2020 | Organic Synthesis Via Enolates Section-A |
| Week 4 | 27-01-2020 to 01-02-2020 | Synthetic Polymers Section-B |
| Week 5 | 03-02-2020 to 08-02-2020 | Synthetic Polymers Section-A |
| Week 6 | 10-02-2020 to 15-02-2020 | Organometallic Compounds Section -B |
| Week 7 | 17-02-2020 to 22-02-2020 | Organometallic Compounds Section -A |
| Week 8 | 24-02-2020 to 29-02-2020 | Revision & AssignmentSection -B |
| Week 9 | 02-03-2020 to 05-03-2020 | Revision & AssignmentSection -A |
| Mid Semester Exams (06-03-2020 to 13-03-2020) | | |
| Week 11 | 14-03-2020, 16-03-2020 to 21-03-2020 | Amino Acids & Proteins Section -B |
| Week 12 | 24-03-2020 to 28-03-2020 | Amino Acids & Proteins Section -A |
| Week 13 | 30-03-2020 to 04-04-2020 | Peptides & Nucleic Acids Section -B |
| Week 14 | 07-04-2020 to 11-04-2020 | Peptides & Nucleic Acids Section -A |
| Week 15 | 15-04-2020 to 18-04-2020 | Revision & TestsSection -B |
| Week 16 | 20-04-2020 to 24-04-2020 | Revision & TestsSection -A |
| Week 17 | 27-04-2020 to 02-05-2020 | Preparatory Holidays |
| Week 18 | 04-05-2020 |  |

**Post Graduate Govt. College for Girls, Sector-42, Chandigarh**

**Teaching Plan (Even Semester) Session (2019-2020)**

**Class: BSc III**   **Name of the Teacher: Dr. Gurpreet Kaur**

**Subject: Chemistry Period: 2nd**

**Paper: C (Inorganic Chemistry) Room No: 29**

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| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 |  |
| Week 2 | 13-01-2020 to 18-01-2020 | Silicones and Phosphazenes Section- A |
| Week 3 | 20-01-2020 to 25-01-2020 | Silicones and Phosphazenes Section- B |
| Week 4 | 27-01-2020 to 01-02-2020 | Silicones and Phosphazenes Section -A |
| Week 5 | 03-02-2020 to 08-02-2020 | Silicones and Phosphazenes Section- B |
| Week 6 | 10-02-2020 to 15-02-2020 | Electronic Spectra of Transittion Metal Section -A |
| Week 7 | 17-02-2020 to 22-02-2020 | Electronic Spectra of Transittion Metal Section -B |
| Week 8 | 24-02-2020 to 29-02-2020 | Revision & AssignmentSection -A |
| Week 9 | 02-03-2020 to 05-03-2020 | Revision & AssignmentSection -B |
| Mid Semester Exams (06-03-2020 to 13-03-2020) | | |
| Week 11 | 14-03-2020, 16-03-2020 to 21-03-2020 | HSAB Section -A |
| Week 12 | 24-03-2020 to 28-03-2020 | HSAB Section -B |
| Week 13 | 30-03-2020 to 04-04-2020 | Magnetic Properties of Transition Metal Complexes Section -A |
| Week 14 | 07-04-2020 to 11-04-2020 | Magnetic Properties of Transition Metal Complexes Section -B |
| Week 15 | 15-04-2020 to 18-04-2020 | Revision & TestsSection -A |
| Week 16 | 20-04-2020 to 24-04-2020 | Revision & TestsSection -B |
| Week 17 | 27-04-2020 to 02-05-2020 | Preparatory Holidays |
| Week 18 | 04-05-2020 |  |

**Post Graduate Govt. College for Girls, Sector-42, Chandigarh**

**Teaching Plan (Even Semester) Session (2019-2020)**

**Class: BSc I**   **Name of the Teacher: Dr. Gagandeep Gyani**

**Subject: Chemistry Period: 3rd (Section-A), 5th (Section-B )**

**Paper: C+B(Physical +Organic Chemistry) Room No: 31,126**

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| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 | Solutions Section-A & Section- B |
| Week 2 | 13-01-2020 to 18-01-2020 | Solutions Section-A & Section- B |
| Week 3 | 20-01-2020 to 25-01-2020 | Solutions Section-A & Section- B |
| Week 4 | 27-01-2020 to 01-02-2020 | Thermodynamics Section-A & Section- B |
| Week 5 | 03-02-2020 to 08-02-2020 | Thermodynamics Section-A & Section- B |
| Week 6 | 10-02-2020 to 15-02-2020 | Thermochemistry Section-A & Section- B |
| Week 7 | 17-02-2020 to 22-02-2020 | Thermochemistry Section-A & Section- B |
| Week 8 | 24-02-2020 to 29-02-2020 | Alkyl & Aryl halides Section-A & Section- B |
| Week 9 | 02-03-2020 to 05-03-2020 | Alkyl & Aryl halides Section-A & Section- B |
| Mid Semester Exams (06-03-2020 to 13-03-2020) | | |
| Week 11 | 14-03-2020, 16-03-2020 to 21-03-2020 | Alkenes& Cycloalkenes Section-A & Section- B |
| Week 12 | 24-03-2020 to 28-03-2020 | Alkenes& Cycloalkenes Section-A & Section- B |
| Week 13 | 30-03-2020 to 04-04-2020 | Dienes & Alkynes Section-A & Section- B |
| Week 14 | 07-04-2020 to 11-04-2020 | Dienes & Alkynes Section-A & Section- B |
| Week 15 | 15-04-2020 to 18-04-2020 | Arenes & Aromaticity Section-A & Section- B |
| Week 16 | 20-04-2020 to 24-04-2020 | Arenes & Aromaticity Section-A & Section- B |
| Week 17 | 27-04-2020 to 02-05-2020 | Colloidal StateSection-A& Section -B |
| Week 18 | 04-05-2020 | Colloidal StateSection-A& Section -B |

**Post Graduate Govt. College for Girls, Sector-42, Chandigarh**

**Teaching Plan (Even Semester) Session (2019-2020)**

**Class: B.Sc. II**   **Name of the Teacher: Dr. Ankita**

**Subject: Chemistry Period: 3rd (Medical) Ist (Non-Medical)**

**Paper: A (Inorganic Chemistry) Room No: 31**

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| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 | Introduction to the Course |
| Week 2 | 13-01-2020 to 18-01-2020 | Chemistry of Lanthanides- Part-A |
| Week 3 | 20-01-2020 to 25-01-2020 | Chemistry of Lanthanides- Part-B |
| Week 4 | 27-01-2020 to 01-02-2020 | Chemistry of Actinides- Part-A |
| Week 5 | 03-02-2020 to 08-02-2020 | Chemistry of Actinides- Part-B |
| Week 6 | 10-02-2020 to 15-02-2020 | Acids and Bases –Part- A |
| Week 7 | 17-02-2020 to 22-02-2020 | Acids and Bases –Part- B |
| Week 8 | 24-02-2020 to 29-02-2020 | Oxidation And Reduction- Part-A |
| Week 9 | 02-03-2020 to 05-03-2020 | Revision of Lanthanides, Actinides, Acids and Bases and Oxidation and Reduction. |
| Mid Semester Exams (06-03-2020 to 13-03-2020) | | |
| Week 11 | 14-03-2020, 16-03-2020 to 21-03-2020 | Oxidation And Reduction-Part- B |
| Week 12 | 24-03-2020 to 28-03-2020 | Non Aqueous Solvents –Part-A |
| Week 13 | 30-03-2020 to 04-04-2020 | Non Aqueous Solvents –Part-B |
| Week 14 | 07-04-2020 to 11-04-2020 | Non Aqueous Solvents –Part-C |
| Week 15 | 15-04-2020 to 18-04-2020 | Revision, Assignment and Class test for Unit-I and II. |
| Week 16 | 20-04-2020 to 24-04-2020 | Revision, Assignment and Class test for Unit-I and II. |
| Week 17 | 27-04-2020 to 02-05-2020 | Preparatory Holidays |
| Week 18 | 04-05-2020 | - |

**Post Graduate Govt. College for Girls, Sector-42, Chandigarh**

**Teaching Plan (Even Semester) Session (2019-2020)**

**Class: B.Sc. I**   **Name of the Teacher: Dr. Ankita**

**Subject: Chemistry Period: 3rd and 5th (Non-Medical) 3rd (Medical)**

**Paper: A (Inorganic Chemistry) Room No: 129, 31, 29**

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| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 | Introduction to the Course |
| Week 2 | 13-01-2020 to 18-01-2020 | Chemical Bonding-II Part-A |
| Week 3 | 20-01-2020 to 25-01-2020 | Chemical Bonding-II Part-B |
| Week 4 | 27-01-2020 to 01-02-2020 | Chemical Bonding-II Part-C and Chemical Bonding-III Part-A |
| Week 5 | 03-02-2020 to 08-02-2020 | Chemical Bonding-III Part-B |
| Week 6 | 10-02-2020 to 15-02-2020 | Chemical Bonding-III Part-C and P-Block Elements-I Part-A |
| Week 7 | 17-02-2020 to 22-02-2020 | P-Block Elements-I Part-B |
| Week 8 | 24-02-2020 to 29-02-2020 | P-Block Elements-I Part-C |
| Week 9 | 02-03-2020 to 05-03-2020 | Revision of Complete chemical Bonding and P-block elements-I |
| Mid Semester Exams (06-03-2020 to 13-03-2020) | | |
| Week 11 | 14-03-2020, 16-03-2020 to 21-03-2020 | P-block elements-II-Part-A |
| Week 12 | 24-03-2020 to 28-03-2020 | P-block elements-II -Part-B |
| Week 13 | 30-03-2020 to 04-04-2020 | P-block elements-II -Part-C |
| Week 14 | 07-04-2020 to 11-04-2020 | P-block elements-II -Part-D |
| Week 15 | 15-04-2020 to 18-04-2020 | Revision, Assignment and Class test for Unit-I and II. |
| Week 16 | 20-04-2020 to 24-04-2020 | Revision, Assignment and Class test for Unit-III and IV. |
| Week 17 | 27-04-2020 to 02-05-2020 | Preparatory Holidays |
| Week 18 | 04-05-2020 | - |