

## LESSON PLAN

(02 November 2020 to 24 February 2021)

Name of Assistant Professor – **Dr. Monika Sheoran**

Class -**B.Sc. III** Subject -**Chemistry**

| Sr. No. | Date       | Unit Covered   |
|---------|------------|--|
| 01      | 02.11.2020 | Metal Ligand bonding in transition metal complexes   |
| 02      | 03.11.2020 | Metal Ligand bonding in transition metal complexes   |
| 03      | 04.11.2020 | Metal Ligand bonding in transition metal complexes   |
| 04      | 05.11.2020 | Metal Ligand bonding in transition metal complexes   |
| 05      | 06.11.2020 | Thermodynamic and kinetic aspects of metal complexes |
| 06      | 07.11.2020 | Thermodynamic and kinetic aspects of metal complexes |
| 07      | 09.11.2020 | Thermodynamic and kinetic aspects of metal complexes |
| 08      | 10.11.2020 | Magnetic properties of transition metal complexes    |
| 09      | 11.11.2020 | Magnetic properties of transition metal complexes    |
| 10      | 12.11.2020 | Magnetic properties of transition metal complexes    |
| 11      | 13.11.2020 | Magnetic properties of transition metal complexes    |
| 12      | 16.11.2020 | Magnetic properties of transition metal complexes    |
| 13      | 17.11.2020 | Electron spectra of transition metal complexes       |
| 14      | 18.11.2020 | Electron spectra of transition metal complexes       |
| 15      | 19.11.2020 | Electron spectra of transition metal complexes       |
| 16      | 20.11.2020 | Electron spectra of transition metal complexes       |
| 17      | 21.11.2020 | Electron spectra of transition metal complexes       |
| 18      | 23.11.2020 | Unit test  |
| 19      | 24.11.2020 | Quantum mechanics I                                  |
| 20      | 25.11.2020 | Quantum mechanics I                                  |
| 21      | 26.11.2020 | Quantum mechanics I                                  |
| 22      | 27.11.2020 | Quantum mechanics I                                  |
| 23      | 28.11.2020 | Quantum mechanics I                                  |
| 24      | 01.12.2020 | Quantum mechanics I                                  |
| 25      | 02.12.2020 | Quantum mechanics I                                  |
| 26      | 03.12.2020 | Quantum mechanics I                                  |
| 27      | 04.12.2020 | Quantum mechanics I                                  |
| 28      | 05.12.2020 | Physical properties and molecular structure          |
| 29      | 07.12.2020 | Physical properties and molecular structure          |
| 30      | 08.12.2020 | Physical properties and molecular structure          |
| 31      | 09.12.2020 | Physical properties and molecular structure          |
| 32      | 10.12.2020 | Physical properties and molecular structure          |
| 33      | 12.12.2020 | Physical properties and molecular structure          |
| 34      | 14.12.2020 | Physical properties and molecular structure          |
| 35      | 15.12.2020 | Physical properties and molecular structure          |
| 36      | 16.12.2020 | Physical properties and molecular structure          |
| 37      | 17.12.2020 | Spectroscopy I- Introduction                         |
| 38      | 18.12.2020 | Spectroscopy I –Introduction                         |
| 39      | 19.12.2020 | Rotational spectrum                                  |
| 40      | 21.12.2020 | Rotational spectrum                                  |
| 41      | 22.12.2020 | Rotational spectrum                                  |
| 42      | 23.12.2020 | Rotational spectrum                                  |
| 43      | 24.12.2020 | Rotational spectrum                                  |

|    |            |                                      |
|----|------------|--------------------------------------|
| 44 | 26.12.2020 | Rotational spectrum                  |
| 45 | 28.12.2020 | Rotational spectrum                  |
| 46 | 29.12.2020 | Spectroscopy II Vibrational spectrum |
| 47 | 30.12.2020 | Spectroscopy II Vibrational spectrum |
| 48 | 31.12.2020 | Spectroscopy II Vibrational spectrum |
| 49 | 01.01.2021 | Spectroscopy II Vibrational spectrum |
| 50 | 02.01.2021 | Spectroscopy II Vibrational spectrum |
| 51 | 04.01.2021 | Spectroscopy II Vibrational spectrum |
| 52 | 05.01.2021 | Spectroscopy II Vibrational spectrum |
| 53 | 06.01.2021 | Spectroscopy II Vibrational spectrum |
| 54 | 07.01.2021 | Spectroscopy II Vibrational spectrum |
| 55 | 08.01.2021 | Spectroscopy II Vibrational spectrum |
| 56 | 09.01.2021 | Spectroscopy II Vibrational spectrum |
| 57 | 11.01.2021 | Spectroscopy II Vibrational spectrum |
| 58 | 12.01.2021 | Raman spectra                        |
| 59 | 13.01.2021 | Raman spectra                        |
| 60 | 14.01.2021 | Raman spectra                        |
| 61 | 15.01.2021 | Raman spectra                        |
| 62 | 16.01.2021 | Raman spectra                        |
| 63 | 18.01.2021 | Unit test                            |
| 64 | 19.01.2021 | NMR spectroscopy I                   |
| 65 | 21.01.2021 | NMR spectroscopy I                   |
| 66 | 22.01.2021 | NMR spectroscopy I                   |
| 67 | 23.01.2021 | NMR spectroscopy I                   |
| 68 | 25/01/2021 | NMR spectroscopy I                   |
| 69 | 27/01/2021 | NMR spectroscopy I                   |
| 70 | 28/01/2021 | NMR spectroscopy I                   |
| 71 | 29/01/2021 | NMR spectroscopy I                   |
| 72 | 30/01/2021 | NMR spectroscopy I                   |
| 73 | 01/02/2021 | NMR spectroscopy II                  |
| 74 | 02/02/2021 | NMR spectroscopy II                  |
| 75 | 03/02/2021 | NMR spectroscopy II                  |
| 76 | 04/02/2021 | NMR spectroscopy II                  |
| 77 | 05/02/2021 | NMR spectroscopy II                  |
| 78 | 06/02/2021 | Carbohydrate I                       |
| 79 | 08/02/2021 | Carbohydrate I                       |
| 80 | 09/02/2021 | Carbohydrate I                       |
| 81 | 10/02/2021 | Carbohydrate I                       |
| 82 | 11/02/2021 | Carbohydrate I                       |
| 83 | 12/02/2021 | Carbohydrate I                       |
| 84 | 13/02/2021 | Carbohydrate I                       |
| 85 | 15/02/2021 | Carbohydrate II                      |
| 86 | 17/02/2021 | Carbohydrate II                      |
| 87 | 18/02/2021 | Carbohydrate II                      |
| 88 | 19/02/2021 | Carbohydrate II                      |
| 89 | 20/02/2021 | Carbohydrate II                      |
| 90 | 22/02/2021 | Organometallic compounds             |
| 91 | 23/02/2021 | Organometallic compounds             |
| 92 | 24/02/2021 | Unit test                            |

**LESSON PLAN**  
(02<sup>nd</sup> November 2020 to 24<sup>th</sup> February 2021)

Name of Assistant Professor – Mr. Pardeep

Class - B.Sc. III Sem

Subject – Chemistry

| Sr. No. | Date       | Unit Covered  |
|---------|------------|---|
| 01      | 02.11.2020 | Chemistry of Elements of I <sup>st</sup> Transition Series                      |
| 02      | 03.11.2020 | Chemistry of Elements of I <sup>st</sup> Transition Series                      |
| 03      | 04.11.2020 | Chemistry of Elements of I <sup>st</sup> Transition Series                      |
| 04      | 05.11.2020 | Chemistry of Elements of I <sup>st</sup> Transition Series                      |
| 05      | 06.11.2020 | Chemistry of Elements of I <sup>st</sup> Transition Series                      |
| 06      | 07.11.2020 | Chemistry of Elements of I <sup>st</sup> Transition Series                      |
| 07      | 09.11.2020 | Chemistry of Elements of II <sup>nd</sup> & III <sup>rd</sup> Transition Series |
| 08      | 10.11.2020 | Chemistry of Elements of II <sup>nd</sup> & III <sup>rd</sup> Transition Series |
| 09      | 11.11.2020 | Chemistry of Elements of II <sup>nd</sup> & III <sup>rd</sup> Transition Series |
| 10      | 12.11.2020 | Chemistry of Elements of II <sup>nd</sup> & III <sup>rd</sup> Transition Series |
| 11      | 13.11.2020 | Chemistry of Elements of II <sup>nd</sup> & III <sup>rd</sup> Transition Series |
| 12      | 16.11.2020 | Chemistry of Elements of II <sup>nd</sup> & III <sup>rd</sup> Transition Series |
| 13      | 17.11.2020 | Coordination Compounds  |
| 14      | 18.11.2020 | Coordination Compounds  |
| 15      | 19.11.2020 | Coordination Compounds  |
| 16      | 20.11.2020 | Coordination Compounds  |
| 17      | 21.11.2020 | Coordination Compounds  |
| 18      | 23.11.2020 | Coordination Compounds  |
| 19      | 24.11.2020 | Coordination Compounds  |
| 20      | 25.11.2020 | Coordination Compounds  |
| 21      | 26.11.2020 | Coordination Compounds  |
| 22      | 27.11.2020 | Coordination Compounds  |
| 23      | 28.11.2020 | Coordination Compounds  |
| 24      | 01.12.2020 | Coordination Compounds  |
| 25      | 02.12.2020 | Coordination Compounds  |
| 26      | 03.12.2020 | Non-Aqueous Solvents  |
| 27      | 04.12.2020 | Non-Aqueous Solvents  |
| 28      | 05.12.2020 | Non-Aqueous Solvents  |
| 29      | 07.12.2020 | Non-Aqueous Solvents  |
| 30      | 08.12.2020 | Non-Aqueous Solvents  |
| 31      | 09.12.2020 | <b>Unit Test-I</b>  |
| 32      | 10.12.2020 | Alcohols  |
| 33      | 12.12.2020 | Alcohols  |
| 34      | 14.12.2020 | Alcohols  |
| 35      | 15.12.2020 | Alcohols  |
| 36      | 16.12.2020 | Alcohols  |
| 37      | 17.12.2020 | Alcohols  |
| 38      | 18.12.2020 | Epoxides  |
| 39      | 19.12.2020 | Epoxides  |
| 40      | 21.12.2020 | Epoxides  |
| 41      | 22.12.2020 | Phenols   |
| 42      | 23.12.2020 | Phenols   |
| 43      | 24.12.2020 | Phenols   |

|    |            |                                     |
|----|------------|-------------------------------------|
| 44 | 26.12.2020 | Phenols                             |
| 45 | 28.12.2020 | Phenols                             |
| 46 | 29.12.2020 | Phenols                             |
| 47 | 30.12.2020 | Ultraviolet Absorption Spectroscopy |
| 48 | 31.12.2020 | Ultraviolet Absorption Spectroscopy |
| 49 | 01.01.2021 | Ultraviolet Absorption Spectroscopy |
| 50 | 02.01.2021 | Ultraviolet Absorption Spectroscopy |
| 51 | 04.01.2021 | Ultraviolet Absorption Spectroscopy |
| 52 | 05.01.2021 | Ultraviolet Absorption Spectroscopy |
| 53 | 06.01.2021 | Ultraviolet Absorption Spectroscopy |
| 54 | 07.01.2021 | Ultraviolet Absorption Spectroscopy |
| 55 | 08.01.2021 | Carboxylic Acids & Acid Derivatives |
| 56 | 09.01.2021 | Carboxylic Acids & Acid Derivatives |
| 57 | 11.01.2021 | Carboxylic Acids & Acid Derivatives |
| 58 | 12.01.2021 | Carboxylic Acids & Acid Derivatives |
| 59 | 13.01.2021 | Carboxylic Acids & Acid Derivatives |
| 60 | 14.01.2021 | Carboxylic Acids & Acid Derivatives |
| 61 | 15.01.2021 | Carboxylic Acids & Acid Derivatives |
| 62 | 16.01.2021 | <b>Unit Test-II</b>                 |
| 63 | 18.01.2021 | Thermodynamics-I                    |
| 64 | 19.01.2021 | Thermodynamics-I                    |
| 65 | 21.01.2021 | Thermodynamics-I                    |
| 66 | 22.01.2021 | Thermodynamics-I                    |
| 67 | 23.01.2021 | Thermodynamics-I                    |
| 68 | 25.01.2021 | Thermodynamics-I                    |
| 69 | 27.01.2021 | Thermodynamics-I                    |
| 70 | 28.01.2021 | Thermodynamics-I                    |
| 71 | 29.01.2021 | Thermodynamics-I                    |
| 72 | 30.01.2021 | Thermodynamics-II                   |
| 73 | 01.02.2021 | Thermodynamics-II                   |
| 74 | 02.02.2021 | Thermodynamics-II                   |
| 75 | 03.02.2021 | Thermodynamics-II                   |
| 76 | 04.02.2021 | Thermodynamics-II                   |
| 77 | 05.02.2021 | Thermodynamics-II                   |
| 78 | 06.02.2021 | Thermodynamics-II                   |
| 79 | 08.02.2021 | Chemical Equilibrium                |
| 80 | 09.02.2021 | Chemical Equilibrium                |
| 81 | 10.02.2021 | Chemical Equilibrium                |
| 82 | 11.02.2021 | Chemical Equilibrium                |
| 83 | 12.02.2021 | Chemical Equilibrium                |
| 84 | 13.02.2021 | Chemical Equilibrium                |
| 85 | 15.02.2021 | Chemical Equilibrium                |
| 86 | 17.02.2021 | Distribution Law                    |
| 87 | 18.02.2021 | Distribution Law                    |
| 88 | 19.02.2021 | Distribution Law                    |
| 89 | 20.02.2021 | Distribution Law                    |
| 90 | 22.02.2021 | Distribution Law                    |
| 91 | 23.02.2021 | Distribution Law                    |
| 92 | 24.02.2021 | <b>Unit Test-III</b>                |

**LESSON PLAN**  
**(02<sup>nd</sup> Nov.2020 to 24<sup>th</sup> Feb. 2021)**

**Name of Assistant Professor– Mr. Ankit**

**Class -B.Sc. I (Non-Medical)**

**Subject -Chemistry**

| <b>Sr. No.</b> | <b>Date</b> | <b>Unit Covered</b>                  |
|----------------|-------------|--------------------------------------|
| 01             | 02.11.2020  | Gaseous State                        |
| 02             | 03.11.2020  | Gaseous State                        |
| 03             | 04.11.2020  | Gaseous State                        |
| 04             | 05.11.2020  | Gaseous State                        |
| 05             | 06.11.2020  | Gaseous State                        |
| 06             | 07.11.2020  | Gaseous State                        |
| 07             | 09.11.2020  | Gaseous State                        |
| 08             | 10.11.2020  | Gaseous State                        |
| 09             | 11.11.2020  | Gaseous State                        |
| 10             | 12.11.2020  | Gaseous State                        |
| 11             | 13.11.2020  | Liquid State                         |
| 12             | 16.11.2020  | Liquid State                         |
| 13             | 17.11.2020  | Liquid State                         |
| 14             | 18.11.2020  | Liquid State                         |
| 15             | 19.11.2020  | Liquid State                         |
| 16             | 20.11.2020  | Liquid State                         |
| 17             | 21.11.2020  | Liquid State                         |
| 18             | 23.11.2020  | Solid State                          |
| 19             | 24.11.2020  | Solid State                          |
| 20             | 25.11.2020  | Solid State                          |
| 21             | 26.11.2020  | Solid State                          |
| 22             | 27.11.2020  | Solid State                          |
| 23             | 28.11.2020  | Solid State                          |
| 24             | 01.12.2020  | <b>UNIT TEST-I</b>                   |
| 25             | 02.12.2020  | Structure and Bonding                |
| 26             | 03.12.2020  | Structure and Bonding                |
| 27             | 04.12.2020  | Structure and Bonding                |
| 28             | 05.12.2020  | Structure and Bonding                |
| 29             | 07.12.2020  | Structure and Bonding                |
| 30             | 08.12.2020  | Structure and Bonding                |
| 31             | 09.12.2020  | Mechanism of Organic Reactions       |
| 32             | 10.12.2020  | Mechanism of Organic Reactions       |
| 33             | 12.12.2020  | Mechanism of Organic Reactions       |
| 34             | 14.12.2020  | Mechanism of Organic Reactions       |
| 35             | 15.12.2020  | Mechanism of Organic Reactions       |
| 36             | 16.12.2020  | Mechanism of Organic Reactions       |
| 37             | 17.12.2020  | Mechanism of Organic Reactions       |
| 38             | 18.12.2020  | Stereochemistry of Organic Compounds |
| 39             | 19.12.2020  | Stereochemistry of Organic Compounds |
| 40             | 21.12.2020  | Stereochemistry of Organic Compounds |
| 41             | 22.12.2020  | Stereochemistry of Organic Compounds |
| 42             | 23.12.2020  | Stereochemistry of Organic Compounds |
| 43             | 24.12.2020  | Stereochemistry of Organic Compounds |

|    |            |                                      |
|----|------------|--------------------------------------|
| 44 | 26.12.2020 | Stereochemistry of Organic Compounds |
| 45 | 28.12.2020 | Stereochemistry of Organic Compounds |
| 46 | 29.12.2020 | Stereochemistry of Organic Compounds |
| 47 | 30.12.2020 | Stereochemistry of Organic Compounds |
| 48 | 31.12.2020 | Alkanes and Cycloalkanes             |
| 49 | 01.01.2021 | Alkanes and Cycloalkanes             |
| 50 | 02.01.2021 | Alkanes and Cycloalkanes             |
| 51 | 04.01.2021 | Alkanes and Cycloalkanes             |
| 52 | 05.01.2021 | Alkanes and Cycloalkanes             |
| 53 | 06.01.2021 | Alkanes and Cycloalkanes             |
| 54 | 07.01.2021 | Alkanes and Cycloalkanes             |
| 55 | 08.01.2021 | Alkanes and Cycloalkanes             |
| 56 | 09.01.2021 | <b>UNIT TEST-II</b>                  |
| 57 | 11.01.2021 | Atomic Structure                     |
| 58 | 12.01.2021 | Atomic Structure                     |
| 59 | 13.01.2021 | Atomic Structure                     |
| 60 | 14.01.2021 | Atomic Structure                     |
| 61 | 15.01.2021 | Atomic Structure                     |
| 62 | 16.01.2021 | Atomic Structure                     |
| 63 | 18.01.2021 | Atomic Structure                     |
| 64 | 19.01.2021 | Atomic Structure                     |
| 65 | 21.01.2021 | Periodic Properties                  |
| 66 | 22.01.2021 | Periodic Properties                  |
| 67 | 23.01.2021 | Periodic Properties                  |
| 68 | 25/01/2021 | Periodic Properties                  |
| 69 | 27/01/2021 | Periodic Properties                  |
| 70 | 28/01/2021 | Covalent Bond                        |
| 71 | 29/01/2021 | Covalent Bond                        |
| 72 | 30/01/2021 | Covalent Bond                        |
| 73 | 01/02/2021 | Covalent Bond                        |
| 74 | 02/02/2021 | Covalent Bond                        |
| 75 | 03/02/2021 | Covalent Bond                        |
| 76 | 04/02/2021 | Covalent Bond                        |
| 77 | 05/02/2021 | Covalent Bond                        |
| 78 | 06/02/2021 | Covalent Bond                        |
| 79 | 08/02/2021 | Covalent Bond                        |
| 80 | 09/02/2021 | Covalent Bond                        |
| 81 | 10/02/2021 | Covalent Bond                        |
| 82 | 11/02/2021 | Covalent Bond                        |
| 83 | 12/02/2021 | Ionic Solids                         |
| 84 | 13/02/2021 | Ionic Solids                         |
| 85 | 15/02/2021 | Ionic Solids                         |
| 86 | 17/02/2021 | Ionic Solids                         |
| 87 | 18/02/2021 | Ionic Solids                         |
| 88 | 19/02/2021 | Ionic Solids                         |
| 89 | 20/02/2021 | Ionic Solids                         |
| 90 | 22/02/2021 | Ionic Solids                         |
| 91 | 23/02/2021 | Ionic Solids                         |
| 92 | 24/02/2021 | <b>UNIT TEST-III</b>                 |



|    |            |                                      |
|----|------------|--------------------------------------|
| 44 | 26.12.2020 | Stereochemistry of Organic Compounds |
| 45 | 28.12.2020 | Stereochemistry of Organic Compounds |
| 46 | 29.12.2020 | Stereochemistry of Organic Compounds |
| 47 | 30.12.2020 | Stereochemistry of Organic Compounds |
| 48 | 31.12.2020 | Alkanes and Cycloalkanes             |
| 49 | 01.01.2021 | Alkanes and Cycloalkanes             |
| 50 | 02.01.2021 | Alkanes and Cycloalkanes             |
| 51 | 04.01.2021 | Alkanes and Cycloalkanes             |
| 52 | 05.01.2021 | Alkanes and Cycloalkanes             |
| 53 | 06.01.2021 | Alkanes and Cycloalkanes             |
| 54 | 07.01.2021 | Alkanes and Cycloalkanes             |
| 55 | 08.01.2021 | Alkanes and Cycloalkanes             |
| 56 | 09.01.2021 | <b>UNIT TEST-II</b>                  |
| 57 | 11.01.2021 | Atomic Structure                     |
| 58 | 12.01.2021 | Atomic Structure                     |
| 59 | 13.01.2021 | Atomic Structure                     |
| 60 | 14.01.2021 | Atomic Structure                     |
| 61 | 15.01.2021 | Atomic Structure                     |
| 62 | 16.01.2021 | Atomic Structure                     |
| 63 | 18.01.2021 | Atomic Structure                     |
| 64 | 19.01.2021 | Atomic Structure                     |
| 65 | 21.01.2021 | Periodic Properties                  |
| 66 | 22.01.2021 | Periodic Properties                  |
| 67 | 23.01.2021 | Periodic Properties                  |
| 68 | 25/01/2021 | Periodic Properties                  |
| 69 | 27/01/2021 | Periodic Properties                  |
| 70 | 28/01/2021 | Covalent Bond                        |
| 71 | 29/01/2021 | Covalent Bond                        |
| 72 | 30/01/2021 | Covalent Bond                        |
| 73 | 01/02/2021 | Covalent Bond                        |
| 74 | 02/02/2021 | Covalent Bond                        |
| 75 | 03/02/2021 | Covalent Bond                        |
| 76 | 04/02/2021 | Covalent Bond                        |
| 77 | 05/02/2021 | Covalent Bond                        |
| 78 | 06/02/2021 | Covalent Bond                        |
| 79 | 08/02/2021 | Covalent Bond                        |
| 80 | 09/02/2021 | Covalent Bond                        |
| 81 | 10/02/2021 | Covalent Bond                        |
| 82 | 11/02/2021 | Covalent Bond                        |
| 83 | 12/02/2021 | Ionic Solids                         |
| 84 | 13/02/2021 | Ionic Solids                         |
| 85 | 15/02/2021 | Ionic Solids                         |
| 86 | 17/02/2021 | Ionic Solids                         |
| 87 | 18/02/2021 | Ionic Solids                         |
| 88 | 19/02/2021 | Ionic Solids                         |
| 89 | 20/02/2021 | Ionic Solids                         |
| 90 | 22/02/2021 | Ionic Solids                         |
| 91 | 23/02/2021 | Ionic Solids                         |
| 92 | 24/02/2021 | <b>UNIT TEST-III</b>                 |