

**I – Academic Planner**  
**Teacher's Name- Dr. REENA SAXENA Department- CHEMISTRY**

**A. Teaching Plan (Year : 2020-21 Semester: Odd )**

S. No.	UPC	Paper Name	Core/AECC/GE/SEC	Topic/Unit	Start Date	End Date
1.	32171502	B.Sc (H) 3rd Year (V-Semester) Practical Physical Chemistry V- Quantum Chemistry & Spectroscopy	Core	1.Colorimetry 2.Spectrophotometry	11/8/20 17/11/20	10/11/20 24/11/20
2.	32171303	B.Sc (H) 2nd Year (III-Semester) Practical Physical Chemistry-III Phase Equilibria & Electrochemical cells	Core	1. Phase Equilibria 2. Potentiometry	10/8/20 16/11/20	9/11/20 23/11/20
3.	42177925	B.Sc (Prog) Physical Sciences 3rd Year (V-Semester) Chemistry of d block elements, Quantum Chemistry & Spectroscopy	DSE Practicals	1. Colorimetry 2. Chemical Kinetics 3. UV Visible Spectrophotometer	18/11/20 07/01/21 18/02/21 1/04/21	24/12/20 11/02/21 18/03/2021 29/04/21
4.	42177925	B.Sc (Prog) Physical Sciences 3rd Year (V-Semester) Chemistry of d block elements, Quantum Chemistry & Spectroscopy	DSE	1.Quantum Chemistry 2. Spectroscopy 3. Photochemistry	14/8/20 30/9/20 12/11/20	25/9/20 11/11/20 27/11/20

**Internal Assessment: House Exam (Test/Presentation etc.) & Assignment\***

Course Code	Course Name	Unique Paper Code	Topic Name	Day and Date	Date/s of Exhibiting the Assessment Sheet to students, Discussing the marks, Returning/Retaining
DSE (Theory)	B.Sc (Prog) Physical Sciences 3rd Year (V-Semester)	42177925	Quantum Chemistry & Spectroscopy	29-11-2020	12-12-20

**\*Marks of the Internal Assessment to be submitted to the College 15 days before the last working day of every semester**

**Teaching Plan (Year: 2020-21 Semester: Even)**

S. No	UPC	Paper Name	Core/AEC C/GE/SEC	Topic/Unit	Start Date	End Date
1.	3217790 3	<b>B.Sc (H) 3rd Year (VI-Semester)</b> <b>Theory Chemistry DSE-III</b> Applications of Computers in Chemistry	Core/DSE	1. Basics of Computer system 2. Programming language, QBasic – Commands and syntax 3. Q Basic to solve Mathematical & Chemistry Problems 4. Q Basic to solve Numerical Methods	04/01/21 08/01/21 01/02/21 31/03/21	29/01/21 29/01/21 23/03/21 22/04/21
2.	3217790 3	<b>B.Sc (H) 3rd Year (VI-Semester)</b> <b>Practical Chemistry DSE-III</b> Applications of Computers in Chemistry	Core/DSE	1. MS Excel for data handling and plotting graph of Chemistry problems 2. Applications of Q Basic language to solve Mathematical & Chemistry Problems 4. Applications of Q Basic to solve Numerical Methods problems	04/01/21 25/01/21 31/03/21	22/01/21 23/03/21 29/04/21
3.	3217140 3	<b>B.Sc (H) 2nd Year (IV-Semester)</b> <b>Practical Physical Chemistry IV</b> Conductance & Chemical Kinetics	Core	Experiments- Chemical Kinetics Experiments- Conductometry	04/01/21 31/03/21	23/03/21 29/04/21

**Internal Assessment: House Exam (Test/Presentation etc.) & Assignment\***

Course Code	Course Name	Unique Paper Code	Topic Name	Day and Date	Date/s of Exhibiting the Assessment Sheet to students, Discussing the marks, Returning/Retaining
DSE-3 (Theory)	B.Sc (H) 3rd Year (VI-Semester) Theory-Applications of Computers in Chemistry	32177903	Applications of Computers in Chemistry	23-04-21	28-04-21