

**Syllabus of 3-Year Degree/4-Year Minor in Chemistry (CCFUP)  
& Syllabus Chemistry (Genl) (CBCS)**

Name of Faculty	Teaching topic		
	<b>SEM-I</b> <i>(Paper code: CHEM201-1)</i> <i>Paper title: Basic Chemistry-I</i>	<b>SEM-III</b> <i>(CBCS)</i>	<b>SEM-V</b> <i>(CBCS)</i>
<b>Dr. Suparna Sadhu</b>	1. Atomic structure, 2. Periodic properties 3. Acids and bases		Discipline Specific Elective DSE-1A (Theo+Prac)
<b>Dr. Sanjoy Mondal</b>	Aliphatic hydrocarbons  and * Practical organic chemistry		
<b>Pallabi Acharyya</b>	1. Ideal and real gases 2. Chemical Kinetics-I 3. Thermodynamics-I	Core Course (CC) – III CC-1C (Theo+Prac)	

Name of Faculty	Teaching topic		
	<b>SEM-II</b> <i>(Paper code: CHEM202-1)</i> <i>Paper title: Basic Chemistry-II)</i>	<b>SEM-IV</b> <i>(CBCS)</i>	<b>SEM-VI</b> <i>(CBCS)</i>
<b>Dr. Suparna Sadhu</b>	1. Chemical Bonding and Molecular Structure 2. Redox Reactions and Precipitation Reactions	Core Course (CC) – IV CC-1D (Theo+Prac)	
<b>Dr. Sanjoy Mondal</b>	1. Fundamentals of Organic Chemistry 2. Stereochemistry 3. Nucleophilic Substitution and Elimination Reactions		DSE-1B: (Theo+Prac)
<b>Pallabi Acharyya</b>	1. Chemical Kinetics-II Ideal gas Thermodynamics-II and **Practical		