

**KENDRIYA VIDYALAYA SUNJUWAN JAMMU**  
**SPECIAL CHEMISTRY CLASS**  
**CLASS XI**  
**DT 03.01.2017 – 12.01.2017**

DATE	TOPIC	DETAILS OF THE TOPIC
03.01.2017	BONDING IN ORGANIC COMPOUND – A BASIC COCEPT PURIFICATION AND ELEMENTAL ANALYSIS	COVALENT BONDING, VBT, HYDROGEN BONDING, S AND P BONDS, RESONANCE. DIFFERENT PROCESS OF PURIFICATION AND QUALITATIVE ANALYSIS OF ELEMENTS
04.01.2017	PURIFICATION AND ELEMENTAL ANALYSIS	QUANTITATIVE ANALYSIS OF ELEMENT AND DETERMINATION OF MOLECULAR FORMULAE, MOLECULAR MASS, FUNCTIONAL GROUP DETERMINATION
05.01.2017	NOMENCLATURE OF ORGANIC COMPOUNDS	RULES OF WRITING IUPAC NAMES, IUPAC NAMES, ACD LABS SOFTWARE
06.01.2017	ISOMERISM	STRUCTURL ISOMERISM, STEREO ISOMERISM, R & S, CONFORMATIONS
09.01.2017	MECHANISM OF ORGANIC REACTIONS	BOND CLEAVAGE, EFFECTS, REAGENTS, TYPES OF REACTIONS,
10.01.2017	ALKANES	ISOMERISM, GENERAL PROPERTIES, PREPARATIONS
11.01.2017	ALKENES	PREPARATION, ISOMERISM, DIFFERENT SPECIAL REACTIONS INVOLVED IN ALKENES
12.01.2017	ALKYNES	PREAPARATIONS, PROPERTIES, ACIDIC NATURE OF ALKYNES, DIFFERENT SPECIAL REACTIONS INVOLVED IN ALKYNES