**Gist of Lecture of Teachers**

**Semester – I**

After completion of the paper students will understand the following aspects:

**CC – 1**

* Atoms and molecules on the basis of classical and quantum concepts.
* Nature of elements, their periodic properties and chemical combinations.
* Structure of ionic solids and shape of covalent molecules.

**CC – 2**

* Applications of mathematical concepts in chemistry.
* Properties of state of mater like gases & liquids.
* Thermo dynamical approach in chemistry.

**Semester – II**

**CC – 3**

* To understand organic reactions and their mechanism.
* Stereochemistry and its applications in biochemical processes.

**CC – 4**

* Structure of crystalline solids and their properties.
* Colloidal chemistry and its application in our daily life.
* To analyse chemical reactions though kinetics and catalysis.