## **Department of chemistry:course outcome**

| S.no | semester | course   | credits | Course outcome   |
|------|----------|--|---------|--|
| 1    | Ι        | ORGANIC CHEMISTRY<br>INORGANICCHEMISTRY<br>PHYSICAL CHEMISTRY<br>GENERAL CHEMISTRY | 5       | <ul> <li>CHEMICALBONDING</li> <li>P-BLOCK ELEMENTS-I</li> <li>MOED</li> <li>HYDROCARBANS</li> <li>ATOMIC STRUCTURE</li> <li>GASEOUS STATE</li> <li>LIQUID STATE</li> <li>QUALITATIVE ANALYSIS</li> <li>ISOMERISAM</li> </ul>   |
| 2    | II       | ORGANIC CHEMISTRY<br>INORGANICCHEMISTRY<br>PHYSICAL CHEMISTRY<br>GENERAL CHEMISTRY | 5       | <ul> <li>P-BLOCK ELEMENTS-II</li> <li>ZERO GROUP ELEMENTS</li> <li>d-BLOCK ELEMENTS</li> <li>HALOGEN COMPOUNDS</li> <li>HYDROXYCOMPOUNDS</li> <li>CARBONYL COMPOUNDS</li> <li>ELECTRO CHEMISTRY</li> <li>VOLUMETRIC ANALYSIS</li> <li>STEREO ISOMERISAM</li> <li>COLLIGATIVE PROPERTIES</li> </ul>   |
| 3    | III      | ORGANIC CHEMISTRY<br>INORGANICCHEMISTRY<br>PHYSICAL CHEMISTRY<br>GENERAL CHEMISTRY | 5       | <ul> <li>F-BLOCK ELEMENTS</li> <li>COORDINATION COMPOUNDS-I</li> <li>METAL CARBONYLS,OMC</li> <li>CARBOXYLIC ACIDS</li> <li>NITRO HYDRO CARBANS</li> <li>AMINES,CYANIDES,ISOCYANID<br/>ES</li> <li>THERMODYNAMICS-I</li> <li>THERMODYNAMICS-II</li> <li>EVALUATION OF ANALYTICAL<br/>DATA</li> <li>CARBANIONS-I</li> <li>PHASE RULE</li> </ul> |
| 4    | IV       | ORGANIC CHEMISTRY<br>INORGANICCHEMISTRY<br>PHYSICAL CHEMISTRY<br>GENERAL CHEMISTRY | 5       | <ul> <li>COORDINATION COMPOUNDS-<br/>II</li> <li>BIOINORGANIC CHEMISTRY</li> <li>CARBOHYDRATES</li> <li>AMINO ACIDS AND PROTEINS</li> <li>HETERO CYCLIC COMPOUNDS</li> <li>CHEMICAL KINETICS</li> <li>PHOTO CHEMISTRY</li> </ul>   |

## **Department of chemistry:course outcome**

|   |    |  |   | <ul> <li>THEORIES OF BONDING IN<br/>METALS</li> <li>CARBANIONS</li> <li>COLLOIDS &amp; SURFACE<br/>CHEMISTRY</li> </ul>   |
|---|----|--|---|---|
| 5 | V  | ORGANIC CHEMISTRY<br>INORGANICCHEMISTRY<br>PHYSICAL CHEMISTRY<br>GENERAL CHEMISTRY | 5 | <ul> <li>MOLECULAR SPECTROSCOPY</li> <li>NMR SPECTROSCOPY</li> <li>SEPARATION TECHNIQUES-I</li> <li>SEPARATION TECHNIQUES-II</li> </ul>   |
| 6 | VI | ORGANIC CHEMISTRY<br>INORGANICCHEMISTRY<br>PHYSICAL CHEMISTRY<br>GENERAL CHEMISTRY | 5 | <ul> <li>INTRODUCTION AND<br/>TERMINOLOGY</li> <li>ENZYMES AND RECEPTORS</li> <li>SYNTHESIS ANDTHERPETIC<br/>ACTIVITY OF DRUGS</li> <li>MOLICULAR MESSENGER<br/>VITAMINS AND MICRO<br/>NUTRIENTS</li> </ul> |