

|   |  |   |   |   |   |   |               |   |   |   |   |   |   |
|---|--|---|---|---|---|---|---------------|---|---|---|---|---|---|
| Course Number and Name  |  |   |   |   |   |   |               |   |   |   |   |   |   |
| BCH201 - ENGINEERING CHEMISTRY II   |  |   |   |   |   |   |               |   |   |   |   |   |   |
| Course Objective  |  |   |   |   |   |   |               |   |   |   |   |   |   |
| To impart a sound knowledge on the principles of chemistry involving application oriented topics required for all engineering branches. |  |   |   |   |   |   |               |   |   |   |   |   |   |
| Prerequisites   |  |   |   |   |   |   | Co-requisites |   |   |   |   |   |   |
| ENGINEERING CHEMISTRY I   |  |   |   |   |   |   | Nil           |   |   |   |   |   |   |
| Course Outcomes (COs)   |  |   |   |   |   |   |               |   |   |   |   |   |   |
| CO1   | Students will understand the concepts and further industrial applications of surface chemistry |   |   |   |   |   |               |   |   |   |   |   |   |
| CO2   | To impart knowledge about the Industrial importance of Phase rule and alloys                   |   |   |   |   |   |               |   |   |   |   |   |   |
| CO3   | To make the students to be conversant with Analytical techniques of chemistry and t importance |   |   |   |   |   |               |   |   |   |   |   |   |
| CO4   | To have an idea and knowledge about the Chemistry of Fuels and                                 |   |   |   |   |   |               |   |   |   |   |   |   |
| CO5   | Understanding of engineering materials   |   |   |   |   |   |               |   |   |   |   |   |   |
| CO6   | All about bonding and molecular structures   |   |   |   |   |   |               |   |   |   |   |   |   |
| Student Outcomes (SOs) from Criterion 3 covered by this Course  |  |   |   |   |   |   |               |   |   |   |   |   |   |
|   | COs/SOs  | a | b | c | d | e | f             | g | h | i | j | k | l |
|   | CO1  | H | H | L |   | H |               | H |   |   |   | M |   |
|   | CO2  |   | H |   |   | H |               | H |   |   |   |   |   |
|   | CO3  | H |   | L |   | H |               | H |   |   |   | M |   |
|   | CO4  |   |   | L |   | H |               | H |   |   |   |   |   |
|   | CO5  |   |   | L |   | H |               | H |   |   |   |   |   |
|   | CO6  |   |   | L |   | H |               | H |   | H |   | M |   |