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| Course Number and Name | | | | | | | | | | | | |
| BCH101 - ENGINEERING CHEMISTRY - I | | | | | | | | | | | | |
| Credits and Contact Hours | | | | | | | | | | | | |
| 3 & 45 | | | | | | | | | | | | |
| Course Coordinator's Name | | | | | | | | | | | | |
| Ms.Madhubala | | | | | | | | | | | | |
| Course Objective | | | | | | | | | | | | |
| To impart a sound knowledge on the principles of chemistry involving the different application oriented topics required for all engineering branches. | | | | | | | | | | | | |
| Prerequisites | | Co-requisites | | | | | | | | | | |
| +2 Level Chemistry | | NIL | | | | | | | | | | |
| required, elective, or selected elective (as per Table 5-1) | | | | | | | | | | | | |
| Course Outcomes (COs) | | | | | | | | | | | | |
| CO1 | Understand the principles of water characterization and treatment for portable and industrial purposes. | | | | | | | | | | | |
| CO2 | To impart knowledge on the essential aspects of Principles of polymer chemistry and engineering applications of polymers | | | | | | | | | | | |
| CO3 | Having a sound knowledge in the Field of the Conventional and non-Conventional energy | | | | | | | | | | | |
| CO4 | To impart knowledge on the essential aspects of electrochemical cells, emf and applications of EMF measurements | | | | | | | | | | | |
| CO5 | To make the students understand the Principles of corrosion and corrosion control. | | | | | | | | | | | |
| CO6 | To impart knowledge about the Conventional and non-conventional energy sources and energy storage devices | | | | | | | | | | | |
| Student Outcomes (SOs) from Criterion 3 covered by this Course | | | | | | | | | | | | |
| | COs/SOs | a | b | c | d | e | f | g | h | i | j | k |
| | CO1 | H | | | | | | H | | | | |
| | CO2 | | L | H | | M | | | | | | |
| | CO3 | | M | | H | | | | | | | |
| | CO4 | H | | M | L | | | H | | | | |
| | CO5 | | L | L | | | | | | | | |
| | CO6 | H | | | | | | H | | | | |