

Department of ME	
B.Tech - I-Year	
CO	Subject Name -CO Statements
C109: Engineering Chemistry	
CO#	Student will be able to
C109.1	Students are able to understand the parameters that characterize the quality of water and able to formulate a preliminary design of water for waste water treatment processes.
C109.2	Students acquire fundamental concepts of electrode potentials, electrochemical cells and basic principles underlying electro-analytical techniques. To acquire knowledge and concepts of different types of batteries, fuel cells and their methods of operation and applications
C109.3	Students are able to understand and distinguish different polymerization techniques and their mechanisms and improve skills in understanding thermal, electrical and mechanical properties of polymers. Students will be able to understand and demonstrate the different moulding techniques and processing conditions of polymers.
C109.4	Students will gain knowledge about conducting polymers and bio degradable polymers and their applications.
C109.5	Students will have the knowledge of available energy sources, understand the latest technologies to conserve the energy sources and practice energy auditing techniques.
C109.6	Students learn the use of fundamental principles to make predictions about the general properties of materials and their application in different areas