COURSE OUTCOMES

The Course Outcomes of Department of Chemistry

SEMESTER I

	COURSE OUTCOMES	BLOOM'S TAXONOMY LEVEL
CO1	To remember the P-block elements hybridisation, and study of MOED in chemical bonding	I (REMEMBER)
CO2	To use the basic concept of IUPAC nomenclature and mechanism of substitution reactions	III(APPLY)
CO3	To design the transport process of liquids and gases. to understand rate laws and rate equations .	VI(CREATE)
CO4	To study experimentally the qualitative detection of known and unknown ions in a mixture	IV(ANALYSE)
CO5	Interpret E-Z configuration	II(UNDERSTAND)

SEMESTER II

	COURSE TITLE: CHEMISTRY COURSE CODE: BS206 CREDITS: 4+3	BLOOM'S TAXONOMY LEVEL
CO1	To study and understand the transition elements and noble gases	II(UNDERSTAND)
CO2	To remember about the synthesis properties , chemical reactions and mechanisms of hydro carbons, halogen compounds	I (REMEMBER)
CO3	To know the basic concept, terms, equations and applications of electrochemistry	III(APPLY)
CO4	To evaluate the qualitative detection of known and unknown ions in a mixture	V (EVALUATE)
CO5	Explore the methods of preparation and properties of halogen compounds and one can express the stereo chemistry of nucleophilic reactions	VI(CREATE)

SEMESTER III

	COURSE TITLE: CHEMISTRY COURSE CODE: BS306 CREDITS: 4+3	**BLOOM'S TAXONOMY LEVEL**
CO1	To study and relate the inner transition elements and coordination compounds, OMC	III(APPLY)
CO2	To understand about the synthesis properties , chemical reactions and mechanisms of carboxylic acids , amines	II(UNDERSTAND)
CO3	To illustrate detail about chemical thermodynamics, chemical equilibrium, solutions	I (REMEMBER))
CO4	To evaluate one component and two component system	V (EVALUATE)
CO5	Design the organo metallic compounds of Li ,Mg , Al.	VI(CREATE)

SEMESTER IV

	COURSE TITLE: CHEMISTRY COURSE CODE: BS406 CREDITS: 4+3	**BLOOM'S TAXONOMY LEVEL**
CO1	Use the d-orbital splitting split tetrahedral squre planar and octahedral complexes	III(APPLY)
CO2	Understand the inter conversion of carbohydrates	II(UNDERSTAND)
CO3	Evaluate the order of reaction	V(EVALUATE)
CO4	Remember the theories of VBT , band theory	I (REMEMBER)
CO5	Develop the general features of absorption, its laws	VI(CREATE)

SEMESTER V

	COURSE TITLE: CHEMISTRY COURSE CODE: BS506 CREDITS: 4+3	**BLOOM'S TAXONOMY LEVEL**
CO1	Remember the microwave, UV visible,IR spectroscopy	I (REMEMBER)
CO2	Understand principle of NMR ,concept of chemical shift	II(UNDERSTAND)
CO3	To use the seperation techniques separate different components	III(APPLY)
CO4	Design the principle, instrumentation and application of HPLC , GC tecniquies	VI(CREATE)
CO5	Evaluate the basic principles of mass spectrometry and learn to determine the mass spectral pattern.	V(EVALUATE)

SEMESTER VI

	COURSE TITLE: CHEMISTRY COURSE CODE: BS606 CREDITS: 4+3	**BLOOM'S TAXONOMYLEVEL**
CO1	Recalling infective and hereditary diseases	I (REMEMBER)
CO2	Acquire the knowledge of mechanism of action of drugs and factors affecting action of enzymes and receptors	VI (CREATE)
CO3	Evaluate the synthesis and therapeutic activity of drugs related to chemo therapeutics , acting on metabolic disorders and acting on nervous system	V(EVALUATE)
CO4	Understand the function of molecular messengers and health promoting drugs, and vitamins	II(UNDERSTAND)
CO5	Use the function of molecular messengers and health promoting drugs	III(APPLY)