

CHEMISTRY DEPARTMENT
ACADEMIC PLANNER FOR 2016-17
I YEAR BSc(semester I)
Paper I

MONTH	TOPIC	NO OF CLASSES	TOTAL 60 classes
JUNE(8)	Structural inorganic chemistry Hydrogen bonding	6 2	8
JULY(19)	Quantitative analysis s block elements p block elements	6 3 10	19
AUGUST (16)	p block elements organometallic chemistry Quantum chemistry	5 4 7	16
SEPTEMBER(15)	Chemical bonding Structural theory in organic chemistry	8 7	15
OCTOBER(4)	Structural theory in organic chemistry	2	2

**CHEMISTRY DEPARTMENT
ACADEMIC PLANNER FOR 2016-17
I YEAR BSc(semester II)
Paper II**

MONTH	TOPIC	NO OF CLASSES	TOTAL 60classes
NOVEMBER (15)	Gaseous State	5	15
	Liquid State	4	
	Solid State	6	
DECEMBER(16)	Solid State	3	15
	Solutions	6	
	Colloids and Surface Chemistry	6	
JANUARY (16)	Stereochemistry of organic compounds	10	16
	Acyclic hydrocarbons	6	
FEBRUARY(17)	Acyclic hydrocarbons	2	14
	Alicyclic hydrocarbons	4	
	Benzene and its reactivity	6	
	Polynuclear hydrocarbons	2	

ACADEMIC PLANNER FOR 2016-17

**II YEAR BSc
SEMESTER III**

@5 per week	MONTH	TOPIC	NO OF CLASSES	TOTAL 60 classes
19	JUNE	THEORY OF QUALITATIVE ANALYSIS EVALUATION OF ANALYTICAL DATA MOLECULAR SYMMETRY STEREOSELECTIVITY	5h 4h 6h 3h	18
23	JULY	STEREOSELECTIVITY PRINCIPLES OF GREEN CHEMISTRY PERICYCLIC REACTIONS HALOGEN COMPOUN	2h 5h 5h 4h	16
16	AUGUST	HYDROXY COMPOUNDS CARBONYL COMPOUNDS	6h 10h	16
14	SEPTEMBER	CARBOXYLIC ACID ACTIVE METHYLENE COMPDS INTERCONVERSION	5h 3h 2h	10

ACADEMIC PLANNER FOR 2016-17

**II YEAR BSc
SEMESTER IV**

@5 per week	MONTH	TOPIC	NO OF CLASSES	TOTAL 60 classes
19	NOVEMBER	CHEMISTRY OF d- BLOCK ELEMENTS CHEMISTRY OF f- BLOCK ELEMENTS	9h 8h	17
19	DECEMBER	THEORIES OF BONDING IN METALS METAL CARBONYLS PHASE RULE	6h 7h 5h	18
13	JANUARY	DILUTE SOLUTIONS ELECTROCHEMISTRY	8h 5h	13
16	FEBRUARY	ELECTROCHEMISTRY	12h	12

ACADEMIC PLANNER FOR 2016-17

III YEAR BSc (Non Autonomy)

Paper III

MONTH	TOPIC	NO OF CLASSES	TOTAL Classes
JUNE	Nitrogen compounds	9	13
	Hetero cyclics	4	
JULY	Carbohydrates	5	10
	Amino acids, chemical kinetics	3+2	
AUGUST	Chemical kinetics	6	9
	Thermodynamics	3	
SEPTEMBER & OCTOBER	Thermodynamics	10	14
	Photochemistry	4	
NOVEMBER	Co-ordination compounds, Spectral and magnetic properties of metal complexes	8+3	11
DECEMBER	Reactivity and Stability of metal complexes, Hard and soft acids bases	3+3+3	9
JANUARY	Bio-inorganic chemistry	3	3

CHEMISTRY DEPARTMENT
ACADEMIC PLANNER FOR III YEAR B.Sc 2016-17 (Non Autonomy)
Paper IV

@ 3 classes per week	MONTH	TOPIC	NO OF CLASSES	TOTAL 88 classes
16	JULY	Separation techniques	8	12
11	AUGUST	Separation techniques	4	8
		Spectroscopy and Spectrophotometry	4	
14	SEPTEMBER & OCTOBER	Spectroscopy and Spectrophotometry	14	14
20	NOVEMBER	Drugs	20	20
16	DECEMBER	Pesticides and green chemistry	10	20
		Macromolecules, Material science	10	
13	JANUARY	Material science and Catalysis	20	20