

CHEMISTRY DEPARTMENT
ACADEMIC PLANNER FOR 2017-18
1 YEAR BSc (semester I)
Paper I

MONTH	TOPIC	NO OF CLASSES	TOTAL 60 classes
JUNE(3)	Structural inorganic chemistry	3	3
JULY(18)	Structural inorganic chemistry Principles of Inorganic qualitative analysis Hydrogen bonding s-block elements p-block elements	3 6 2 3 4	18
AUGUST (18)	p-block elements Organometallic chemistry Atomic structure & elementary Quantum mechanics	11 4 3	18
SEPTEMBER(14)	Atomic structure & elementary Quantum mechanics Chemical bonding Structural theory in organic chemistry	4 8 2	14
OCTOBER(7)	Structural theory in organic chemistry	7	7

Time									
Thu									

Bejathabaju

ACADEMIC PLANNER FOR 2017-18
I YEAR BSc
SEMESTER II PAPER II

@5 per week	MONTH	TOPIC	NO OF CLASSES	TOTAL 60 classes
16	NOVEMBER	GASEOUS STATE LIQUID STATE SOLID STATE	5h 4h 7h	16
8	DECEMBER	SOLID STATE SOLUTIONS	2h 6h	8
17	JANUARY	COLLOIDS AND SURFACE CHEMISTRY STEREOCHEMISTRY OF ORGANIC COMPOUNDS	6h 10h	16
20	FEBRUARY	ACYCLIC HYDROCARBONS ALICYCLIC HYDROCARBONS BENZENE AND ITS REACTIVITY	8h 4h 6h	18
2	MARCH	POLYNUCLEAR HYDROCARBONS	2h	2

M. Bhattaraj

ACADEMIC PLANNER FOR 2017-18
II YEAR BSc
SEMESTER III

@5 per week	MONTH	TOPIC	NO OF CLASSES	TOTAL 60 classes
12	JUNE	THEORY OF QUANTITATIVE ANALYSIS EVALUATION OF ANALYTICAL DATA	5h 5h	10
19	JULY	MOLECULAR SYMMETRY NUCLEAR CHEMISTRY STEREOSELECTIVITY IN CHEMISTRY INTRODUCTION TO PERICYCLIC REACTIONS	5h 5h 5h 4h	19
18	AUGUST	INTRODUCTION TO PERICYCLIC REACTIONS HALOGEN COMPOUNDS HYDROXY COMPOUNDS ETHERS AND EPOXIDES CARBONYL COMPOUNDS	1h 4h 6h 2h 2h	15
15	SEPTEMBER	CARBONYL COMPOUNDS CARBOXYLIC ACIDS AND DERIVATIVES	8h 5h	13
3	OCTOBER	ACTIVE METHYLENE COMPDS INTERCONVERSIONS	3h	3

M. Attarbaygi

ACADEMIC PLANNER FOR 2017-18
II YEAR BSc
SEMESTER IV PAPER IV

@5 per week	MONTH	TOPIC	NO OF CLASSES	TOTAL 60 classes
16	NOVEMBER	CHEMISTRY OF d BLOCK ELEMENTS CHEMISTRY OF f BLOCK ELEMENTS	9h 7h	16
8	DECEMBER	CHEMISTRY OF f BLOCK ELEMENTS THEORIES OF BONDING IN METALS	1h 6h	7
17	JANUARY	METAL CARBONYLS AND RELATED COMPOUNDS PHASE RULE DILUTE SOLUTIONS	7h 5h 5h	17
20	FEBRUARY	DILUTE SOLUTIONS ELECTROCHEMISTRY	3h 15h	18
2	MARCH	ELECTROCHEMISTRY	2h	2

M. J. Attachayin

CHEMISTRY DEPARTMENT
ACADEMIC PLANNER FOR SEM-V(2017-18)
III YEAR BSc
Paper ~~V~~

MONTH	TOPIC	NO OF CLASSES	TOTAL CLASSES
JUNE	ORGANIC CHEMISTRY-NITROGEN COMPOUNDS	10	10
JULY	HETEROCYCLIC COMPOUNDS+CARBOHYDRATES+AMINO ACIDS AND PROTIENS	5+6+3	14
AUGUST	AMINO ACIDS AND PROTEINS+MASS SPECTRA+CHEMICAL KINETICS	2+5+2	9
SEPTEMBE	CHEMICAL KINETICS+PHOTOCHEMISTRY	8+4	12

OVERAL TOTAL = 45

M. J. Bhatt
Beant Chavhan

ACADEMIC PLANNER FOR 2017-18

III YEAR BSc

SEMESTER V PAPER VI

@3 per week	MONTH	TOPIC	NO OF CLASSES	TOTAL 45 classes
10	JUNE	SEPERATION TECHNIQUES	10h	10
12	JULY	SPECTROPHOTOMETRY MOLECULAR SPECTROSCOPY	5h 7h	12
9	AUGUST	MOLECULAR SPECTROSCOPY	8h	9
12	SEPTEMBER & OCTOBER	MACROMOLECULES MATERIAL SCIENCE	9h 6h	12 + EXTRA CLASSES

M. Bhattaraj

ACADEMIC PLANNER FOR 2017-18

III YEAR BSc

SEMESTER VI PAPER VII

@3 per week	MONTH	TOPIC	NO OF CLASSES	TOTAL 45 classes
12	NOVEMBER	CO-ORDINATION CHEMISTRY SPECTRAL AND MAGNETIC PROPERTIES OF METAL COMPLEXES	10h 2h	12
6	DECEMBER	SPECTRAL AND MAGNETIC PROPERTIES OF METAL COMPLEXES REACTIVITY OF METAL COMPLEXES	2h 4h	6
10	JANUARY	STABILITY OF METAL COMPLEXES, HARD AND SOFT ACIDS BASES BIO-INORGANIC CHEMISTRY	4h 4h 2h	10
12	FEBRUARY	BIO-INORGANIC CHEMISTRY THERMODYNAMICS	2h 10h	10 + Extra classes
2	MARCH	THERMODYNAMICS	2h	2

M. Attalbay

CHEMISTRY DEPARTMENT
ACADEMIC PLANNER FOR 2017-18
III YEAR BSc
SEMESTER VI Paper VIII

MONTH	TOPIC	NO OF CLASSES	TOTAL 45 classes
NOVEMBER (10)	Pharmaceutical drugs (10)	10	10
DECEMBER(5)	Pharmaceutical drugs(5)	5	5
JANUARY(12)	HIV and AIDS (5) FORMULATIONS (3) PESTICIDES,FUNGICIDES AND HERBICIDES(7)	12 +3 (sp class)	15
FEBRUARY(12)	CATALYSIS (10) NUCLEAR CHEMISTRY (5)	12 +3 (sp class)	15

M. Bhattacharya