

Department of Chemistry

Chemistry Academic Calendar B. Sc. Sem- I (20

S.no	Time Period	Paper	Unit	Topic
1	Aug.	1	1	Atomic Structure
2	Aug.	1	1	Periodic properties it's classification Definition and determination
3	Aug.	1	2	Chemical bonding
4	Sept.	2	1	Structure and bonding Mechanism and types of Reactions
5	Sept.	2	3	Alkanes and Cycloalkanes
6	Sept.	2	3	Alkenes and Cycloalkenes
7	Oct.	2	3	Dienes nomenclature Alkynes- methods of preparation Chemical properties
8	Oct.	1	3	S Block elements Noble gases
9	Nov.	1	4	P block elements
10	Nov.	2	2	Stereoisomerism
11	Nov.			Revision

2018-19 )

Teaching Pedagogy	Any Other Detail
Lecture	
Lecture	To cover the course in time
	Tutorial classes shall be held as regular classes
Lecture	
Lecture	
	Various reference books and internet resources to be circulated alongwith personal notes.
Lecture	
Lecture	Evaluation through test , assignments and presentations
Lecture	
Lecture	

Dr. Rashmi Yadav

Department of Chemistry

Chemistry Academic Calendar B. Sc. Sem- II (20

S.no	Time Period	Paper	Unit	Topic
1	Jan.	3	2	Gaseous State
2	Jan.	3	2	Liquid State Liquid crystals
3	Jan.	3	3	Solid State Laws of crystallography
4	Feb.	3	3	Colloidal State
5	Feb.	3	4	Chemical kinetics
6	March	3	3	Sol.emulsions and gels
7	March	3	1	Computers
8	March	3	1	Mathematical Concept
9	April			Revision

18-19 )

TeachingPedagogy	Any Other Detail
Lecture	To cover the
	course in time
Lecture	Tutorial classes
	shall be held
	as regular classes
Lecture	twice in a week
Lecture	Various reference
	books and internet
Lecture	resources to be
	circulated
Lecture	alongwith
	personal notes
Lecture	
	Evaluation through
Lecture	test ,assignments
	and presentations

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Academic Calendar B. Sc. II Year (2018-19)

S.no	Time Period	Paper	Unit	Topic
1	Aug.	1	2	Co-ordination compounds
2	Aug.	2	2	Alcohols-Monohydric Dihydric Trihydric
3	Aug.	2	2	Phenols
4	Aug.	1	1	Chemistry of Elements of First Transition Series
5	Sep.	1	3	Ethers & Epoxides
6	Sep.	1	1	Chemistry of Elements of sec & third transition Series
7	Oct.	1	3	Elementry of lanthenide elements
8	Oct.	1	3	Elementry of Actinide elements
9	Oct.	3	4	Phase Equilibrium
10	Nov.	3	3	Solutions
11	Nov.	3	3	Electrochemistry- 1
12	Nov.	2	3	Aldehydes and ketones
13	Nov.	2	4	Carboxylic Acids
14	Dec.	3	4	Electrochemistry -2
15	Dec.	2	4	Carboxylic Acids Derivatives
16	Jan	2	1	Electromagnetic Spectra
17	Jan	2	4	organic Compound of Nitrogen
18	Jan	3	1	Chemical Equilibrium
19	Feb.	3	1	Thermodynamics -1
20	Feb.	3	2	Thermodynamics -2




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Academic Calendar B. Sc. III Year (2018-1

S.no	Time Period	Paper	Unit	Topic
1	Aug			
	First,Sec,Third Week	7	2	Carbohydrate
2	Fourth Week			Carbohydrate
3	Sept			
	First Week	7	4	Synthetic Dyes
4	Sec Week	7	4	Synthetic polymers
5	Third Week	8	3	Solutions ,Dilute solutions, and Colligative Properties
	October			
6	First Week	7	3	Amino acids Peptides,Proteins,Nucleic Acids - introduction
7	Sec Week	8	2	Photochemistry
8	Third Week			Diwali Vacation
9	Fourth Week	7	3	Fats, Oils, and detergents
10	November	7	1	Organometallic compound
	First Week			
11	November	7	1	Organometallic compound
	Sec Week			
12	Third week	7	1	Organo sulphur Compound
	Fourth Week	7	1	Physical Properties and Molecular Structure
13	Dec			
	First Week	8	1	Physical Properties and Molecular Structure
14	Sec Week	8	4	Third Law of Thermodynamics
15	Third week	7	1	Heterocyclic compound

16	Jan First Week	7	1	Heterocyclic compound
17	Sec Week	1	4	Hard and Soft Acids & Bases
18	Third week	1	1	Metal, legends bonding in transition Metal
19	Fourth Week	1	2	Electronic Spectra of transition metal
20	Feb First Week	1	2	Magnetic Properties of Transition Metal complex
21	Sec Week	2	3	Amino Acids & Nuclic Acid Intro.
22	Third week			Spectroscopy
23	Fourth Week			Spectroscopy

9 )

TeachingPedagogy	Any Other Detail
Lecture	To cover the
	course in time
Lecture	Tutorial classes
	shall be held
	as regular classes
Lecture	
Lecture	
	Various reference
Lecture	books and internet
	resources to be
	circulated
	alongwith
Lecture	personal notes.
Lecture	
	Evaluation through
	test , assignments
	and presentations
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