

Academic Calendar (2018-2019)
2nd year (Honours) (Part-II)

July '18 to October '18			November' 18 to January' 19			February'19 to April'19		
Topic	Lect	Faculty	Topic	Lect	Faculty	Topic	Lect	Faculty
CHT 21a Unit I. Chemical Periodicity II	14	SEM	CHT 21a Unit II. Other Types of Bonding	6	SEM	CHT 21b Unit II. Precipitation and Redox Reactions	18	SEM
CHT 21a Unit-II. Other Types of Bonding	10	SS	CHT 21b Unit I. Chemistry of s- and p- block Elements	14	SEM	CHT 22b Unit II. Reactions: Rearrangemen ts	18	GM
CHT 22a Unit I. Addition reactions	10	GM	CHT 22a Unit II. Elimination and aromatic substitution	14	PD	CHT 23b Unit I. Quantum Chemistry I	8	MGD
CHT 22a Unit II. Elimination and aromatic substitution	14	SM	CHT 22b Unit I. Nitrogen compounds and Organometal lics	12	GM	CHT 23b Unit II. Electrochemis try	10	PD
CHT 23a Unit I. Thermodynami cs and Equilibrium	24	MGD	CHT 23a Unit II. Liquid State and Viscosity of Fluids	12	MGD			
CHP 24a (Practical)	20	SS	CHP 24b (Practical)	15	SS	CHP 24b (Practical)	15	SS

2nd Year General

July '18 to October ' 18			November' 18 to January'19			February'19 to April'19		
Topic	No. of Lectures	Faculty	Topic	No. of Lectures	Faculty	Topic	No. of Lectures	Faculty
Practical	16	GL	Practical	24	GL	Practical	24	GL
Practical	16	GL	Practical	24	GL	Practical	24	GL

July '18 to October ' 18			November' 18 to January'19			February'19 to April'19		
Topic	No. of Lectures	Faculty	Topic	No. of Lectures	Faculty	Topic	No. of Lectures	Faculty
<u>CGT21a</u> Unit I: Basic Physical Chemistry I	8	GM	<u>Unit I:</u> contd. Basic Physical Chemistry I	12	SM	<u>CGT21a</u> Unit II: contd. Basic Physical Chemistry II	9	SM
<u>CGT21b</u> Unit I: Principles of Qualitative Inorganic Analysis	5	SEM	<u>CGT21a</u> Unit II: Basic Physical Chemistry II	4	GM	<u>CGT21b</u> Unit II: Basic Inorganic Chemistry III	13	SEM
<u>CGT22a</u> Unit I: Basic Physical Chemistry III	12	MGD	<u>CGT21b</u> Unit I:contd. Principles of Qualitative Inorganic Analysis	15	SEM	<u>CGT22b</u> Unit I: contd. Basic Physical Chemistry V	12	MGD
			<u>CGT22a</u> Unit I:contd. Basic Physical Chemistry III	8	SM	<u>CGT22b</u> Unit II: contd. Basic Physical Chemistry VI	13	MGD
			<u>CGT22a</u> Unit II: Basic Physical Chemistry IV	13	MGD			

3rd year (Honours) (Part-III)

July '18 to October '18			November' 18 to January' 19			February'19 to April'19		
Topic	Lect	Facult y	Topic	Lec t	Facult y	Topic	Lect	Facult y
CHT 31a Unit I. Chemistry of coordination compounds	10	SEM	CHT 31b Unit I. Organometallic Compounds	6	SS	CHT 31c Unit I. Electrochemical and spectral analysis, and analytical separation	18	SEM
CHT 31a Unit II. Chemistry of d- and f- block elements	10	SS	CHT 31b Unit II. Bioinorganic Chemistry	14	SEM	CHT 31c Unit 2. Statistical methods in chemical analysis and environmental analysis	18	SS
CHT 32a Unit I. Carbanion chemistry and cyclic stereochemistry	10	PD	CHT 32b Unit I. Synthetic strategies and Asymmetric synthesis	14	GM	CHT 31d Unit I: Gravimetric and tritimetric methods of analysis	8	SEM
CHT 32a Unit II. Spectroscopy UV, IR, NMR (elementary)	14	GM	CHT 32b Unit II. Carbohydrate chemistry	12	SM	CHT 31d Unit II. Thermodynamics of dissolution	10	SS
CHT 33a Unit I. Properties of solids, interfaces and dielectrics	24	MGD	CHT 33b Unit I. Phase equilibrium and colligative properties	12	MGD	CHT 32c Unit I. Carbocycles and Heterocycles	8	GM
CHT 33a Unit II. Quantum Chemistry – II		SM	CHT 33b Unit II. Statistical thermodynamics and the third law	12	MGD	CHT 32c Unit II. Amino acids, peptides and nucleic acids	8	PD
CHP 34a (Practical)	20	GM	CHT 33c Unit I. Kinetics and photochemistry	10	PD	CHT 33c Unit II. Spectroscopy	10	PD
CHP 35a (Practical)	20	MGD	CHP 35b (Practical)	20	MGD	CHP 35b (Practical)	20	MGD
			CHP 34b (Practical)	20	GM	CHP 34b (Practical)	30	GM

3rd year {General} (Part-III)

July '18 to October '18			November' 18 to January' 19		
Topic	Lect	Faculty	Topic	Lect	Faculty
CGT31a Unit I: Chemical Analysis	6	SEM	Unit II : Error Analysis and Computer Applications	6	SEM
CGT21b Unit I: Principles of Qualitative Inorganic Analysis	8	SEM	CGT31c Unit I: contd. Environmental Chemistry	8	SEM
CGT31b Unit II: Industrial Chemistry II	6	SEM	CGT31c Unit II: Industrial Chemistry III	8	SEM
CGT31c Unit I: Environmental Chemistry	6	SEM			

July '18 to October ' 18			November' 18 to January'19		
Topic	No. of Lectures	Faculty	Topic	No. of Lectures	Faculty
Practical	20	SEM	Practical	18	SEM

ACADEMIC CALENDER (2018-19)**Chemistry (Hons) CBCS (SEM-I)**

July '18 to December '18 (CC-1-1)			July '18 to December '18 (CC-1-2)		
Topic	Lect	Faculty	Topic	Lect	Faculty
<u>Inorganic Chemistry-1</u> Extranuclear structure of atom	14	SEM	<u>Physical Chemistry-1</u> Kinetic Theory and Gaseous State	20	PD
<u>Inorganic Chemistry-1</u> Acid –Base reactions	12	SEM	<u>Physical Chemistry-1</u> Transport Processes	08	SM
<u>Inorganic Chemistry-1</u> Redox Reactions	14	SS	<u>Physical Chemistry-1</u> Chemical Kinetics	12	MGD
<u>Organic Chemistry-1A</u> Bonding and physical Properties	18	GM	<u>Organic Chemistry-1B</u> Stereochemistry I	17	SM
<u>Organic Chemistry-1A</u> General treatment of Reaction Mechanism I	02	SM	<u>Organic Chemistry-1B</u> General treatment of reaction Mechanism II	03	PD
CC-I-(1)Lab	30	SS	C-C-P-(P) Lab	30	PD
CC-O-(1A)Lab	15	GM	CC-O-(1B)Lab	15	SEM

Chemistry (Hons), CBCS (SEM-II)

July '18 to December '18 (CC-2-3)			July '18 to December '18 (CC-2-4)		
Topic	Lect	Faculty	Topic	Lect	Faculty
<u>Organic Chemistry-2</u> Stereochemistry II	20	GM	<u>Inorganic Chemistry- 2</u> Chemical Bonding I	30	SEM
<u>Organic Chemistry-2</u> General treatment of Reaction Mechanism III	20	GM	<u>Inorganic Chemistry- 2</u> Chemical Bonding II	30	SEM
<u>Organic Chemistry-2</u> Substitution and Elimination Reaction	20	PD	<u>Inorganic Chemistry- 2</u> Radioactivity	10	SS
CC-2-3-P Lab	45	GM	CC-2-4-P Lab	45	SS