

## I – Academic Planner

E. Teaching Plan ( Year : 2021-2022 ) Semester: Odd

Teacher's Name -- Dr. Kiran Arora Department: Chemistry

S. No.	UPC	Paper Name	Core/AECC /GE/SEC	Topic/Unit	Start Date	End Date
1.	32171501	<b>Organic Chemistry IV:</b>	Core	Amino acid and proteins	23/07/2021	24/08/2021
				Enzyme	25/08/21	31/08/21
				Concept of Energy in Biosystems	1/09/21	15/09/21
				Chemistry of carbohydrate	17/09/2021	Nov2021
				Lipids	Nov2021	Nov2021
				Nucleic acids	Nov2021	Nov2021
2.	42171103	<b>Atomic structure, bonding general organic chemistry and aliphatic hydrocarbon</b>	Core	Fundamentals of organic chemistry	Nov 2021	Dec 2021
				Stereochemistry	Jan 2021	2021
				Aromaticity and problems based the topics covered	Feb 2021	Feb 2021
3.	32171501	<b>Organic Chemistry IV: Practicals</b>	Core	As mentioned in the syllabus	23/07/2021	Till the end of semester
4.	32171302	<b>Organic Chemistry II: Practicals</b>	Core	As mentioned in the syllabus	23/07/2021	Till the end of semester
5.	32173910	<b>Chemistry of cosmetics Practicals</b>	Core	As mentioned in the syllabus	23/07/2021	Till the end of semester

**R. FDP/Seminar/Workshops/Lectures to be attended and/or to be conducted by Teachers**

Event Topic		<b>“Chemistry –the catalyst for change”</b>			
Type / Nature (FDP/Webinar/Workshop etc.)		Faculty Development Program			
Organizing In-charge		Ramanujan College, University of Delhi and Miranda house(Under PMMMNMTT			
Details regarding invited Resource Person					
Nature of Participation (e.g. Invited Speaker, Participant etc.)		participant			
Date/s	14-28 July-2021	Timing/s	Self paced	Mode	Online

Event Topic		<b>UV-Visible spectrophotometry and its Application”</b>			
Type / Nature (FDP/Webinar/Workshop etc.)		Workshop			
Organizing In-charge		Department of chemistry Kirori Mal College University of Delhi, Delhi under the aegis of DBT star			
Details regarding invited Resource Person		-			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Invited resource person			
Date/s	19 <sup>th</sup> July -2021	Timing/s	One day	Mode	Online

Event Topic		Managing References Made Easy Using Mendeley @ Miranda House			
Type / Nature (FDP/Webinar/Workshop etc.)		Webinar			
Organizing In-charge		Department of computer science, Miranda house College University of Delhi			
Details regarding invited Resource Person		--			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		participant			
Date/s	<b>27<sup>th</sup> july 2021</b>	Timing/s	Two hours	Mode	Online

**S. Internal Assessment: House Exam (Test/Presentation etc.) & Assignment\***

Course Code	Course Name	Unique Paper Code	Topic Name	Day and Date	Date/s of Exhibiting the Assessment Sheet to students, Discussing the marks, Returning/Retaining
	B. Sc (H) chemistry	32171501	Proteins	29 <sup>th</sup> sept 2021	Probable week 2 October ,2021
			Crossword on proteins	2 <sup>nd</sup> week September 2021	Returned that day
	B. Sc (P) life sciences	42171103	fundamental of organic chemistry	Jan 2022	Jan 2022

\*Marks of the Internal Assessment to be submitted to the College 15 days before the last working day of every semester

**T. Organization of Department/College Society Meetings by Staff Advisor/Convener**

Department/Society	Meeting Date	Purpose

**U. College Functions Nil**

College Function	Function Date	Role to be played

## I – Academic Planner

F. Teaching Plan ( Year : 2021-2022 ) Semester: Even

Teacher's Name -- Dr. Kiran Arora Department: Chemistry

S. No.	UPC	Paper Name	Core/AECC /GE/SEC	Topic/Unit	Start Date	End Date
1.	32171602	<b>Organic Chemistry V: Spectroscopy</b>	Core	Dyes	Jan2022	Jan 2022
				UV- Visible spectroscopy	Jan 2022	Jan 2022
				Infrared spectroscopy	feb 2022	feb 2022 (3 <sup>rd</sup> week)
				Nuclear Magnetic Spectroscopy	March 2022	March 2022
				Polymers	April 2022	April 2022
				Problems based on the topics covered	Rest of the semester	Rest of the semester
2.		<b>GE- Molecules of life</b>	GE	Enzymes and correlation with drug action	Jan2022	Feb 2022
				Concept of energy in biosystem	March 2022	April 2022
				Problems based on topic covered	April 2022	Till the end of semester
3.	32171602	<b>Organic Chemistry V: Practicals</b>	Core	As mentioned in the syllabus	01/01/2022	Till the end of semester
4.	32171402	<b>Organic Chemistry III: Practicals</b>	Core	As mentioned in the syllabus	01/01/2022	Till the end of semester
5.	32173910	<b>Chemistry of cosmetics Practicals</b>	Core	As mentioned in the syllabus	01/01/2022	Till the end of semester

## V.

## W. FDP/Seminar/Workshops/Lectures to be attended and/or to be conducted by Teachers

Event Topic		<b>Chemcollective V LABS</b>			
Type / Nature (FDP/Webinar/Workshop etc.)		FDP			
Organizing In-charge		<b>Kirori mal College in collaboration with IIT Bombay</b>			
Details regarding invited Resource Person					
Nature of Participation (e.g. Invited Speaker, Participant etc.)		<b>ORGANIZER</b>			
Date/s	10/01/22-14/01/22	Timing/s	5 DAYS	Mode	ONLINE
Event Topic		<b>Environmental sciences and public health.</b>			
Type / Nature (FDP/Webinar/Workshop etc.)		FDP			
Organizing In-charge		<b>Kirori mal College in collaboration with Mizoram University</b>			
Details regarding invited Resource Person					
Nature of Participation (e.g. Invited Speaker, Participant etc.)		<b>ORGANIZER</b>			
Date/s	1/02/22-5/02/22	Timing/s	5 DAYS	Mode	ONLINE

## X. Internal Assessment: House Exam (Test/Presentation etc.) &amp; Assignment\*

Course Code	Course Name	Unique Paper Code	Topic Name	Day and Date	Date/s of Exhibiting the Assessment Sheet to students, Discussing the marks, Returning/Retaining
	B. Sc (H) chemistry	3217602	Test cum Assignment based on Spectroscopy-UV- visible, IR and NMR	march 2022	April 2022/ discussed individually as well as in group/ retaining

			spectroscopy		
	B. Sc (H) chemistry	3217602	Assignment based on polymers	April 2022	April 2022/ discussed individually as well as in group/ retaining

**\*Marks of the Internal Assessment to be submitted to the College 15 days before the last working day of every semester**

**Y. Organization of Department/College Society Meetings by Staff Advisor/Convener**

Department/Society	Meeting Date	Purpose

**Z. College Functions**

Nil

College Function	Function Date	Role to be played

