

# I – Academic Planner

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

Teacher's Name: Kalpana Bhrara

Department CHEMISTRY

S. No.	UPC	Paper Name	Core/AECC/GE/SEC	Topic/Unit	Start Date	End Date
1.	32171102	C II	Core	Physical Chemistry I	22/11/2021	11/03/2022
2.	32171102	Practical C II	Core	Physical Chemistry I LAB	22/11/2021	11/03/2022
3.	32171303	Practical C VII	Core	Physical Chemistry III LAB	16/08/2021	08/12/2021
4.	32171303	C VII	Core	Physical Chemistry III	16/08/2021	08/12/2021
5.	42177925	Practical	Core	Chemistry of D-Block Elements, Quantum..	20/07/2021	16/11/2021

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

Event Topic	<b>Recent Trends in the Application of Raman Spectroscopy</b>				
Type / Nature (FDP/Webinar/Workshop etc.)	National Webinar				
Organizing In-charge	Dr. Mary Pramila Santhi				
Details regarding invited Resource Person	Prof. Kalpana Bhrara				
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Invited Speaker				
Date/s	07-06-2021	Timing/s	11:00 AM-12:00 Noon	Mode	Online

Event Topic	<b>Intellectual Property Rights</b>				
Type / Nature (FDP/Webinar/Workshop etc.)	National Webinar				
Organizing In-charge	Course coordinator, Dr. Susai Rajendran				
Details regarding invited Resource Person	Mr. A. Raja				
Nature of Participation (e.g. Invited Speaker, Participant etc.)	Participant				
Date/s	26-06-2021	Timing/s	10:30 AM-11:30 AM	Mode	Online

Event Topic		<b>Emerging Trends in Science and Technology</b>			
Type / Nature (FDP/Webinar/Workshop etc.)		5 day FDP (01 to 07-07-2021)			
Organizing In-charge		Course coordinator, Dr S. Nirmala			
Details regarding invited Resource Person		Dr Kalpana Bhrara			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Invited Speaker			
Date/s	03-07-2021	Timing/s	02:30- 03:30 PM	Mode	Online

Event Topic		<b>Chemistry- The Catalyst for Change</b>			
Type / Nature (FDP/Webinar/Workshop etc.)		2 Week FDP			
Organizing In-charge		Course Coordinator, Dr Amrita T. Sheikh			
Details regarding invited Resource Person		Dr Anant Narayan Bhatt			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	14-07-2021 to 28-07-2021	Timing/s	-	Mode	Online

Event Topic		<b>Virtual International Conference on Multifunctional Advanced Materials (VICMAM-2021)</b>			
Type / Nature (FDP/Webinar/Workshop etc.)		Webinar			
Organizing In-charge		Course coordinator, Dr Harshada Niju			
Details regarding invited Resource Person		Prof. Rameshwar Adhikari, Prof. Thinakaran Narayanan, Prof. A.H. Mijinyawa, Prof. M. Swaminathan, Dr G. M. Nazeruddin, Prof. W. B. Gurnule			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	09-08-2021; 10-08-2021	Timing/s	11:30 AM -5:30 PM	Mode	Online

Event Topic		<b>Recent Advances in Solid State Chemistry and Allied Sciences</b>			
Type / Nature (FDP/Webinar/Workshop etc.)		National Webinar			
Organizing In-charge		Course Convenor, Prof. A. Sakthivel			
Details regarding invited Resource Person		Prof. A. K. Tyagi, Prof. A. K. Ganguli, Prof. S. Sampath, Dr. C. S. Gopinath, Dr. Swapna Nair, Prof. P. Selvam, Prof. Ajayan Vinu, Prof. P. Ramasami, Dr. Vijai Shankar, Dr. M V Reddy			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	16-08-2021; 17-08-2021	Timing/s	09:00 AM-05:30 PM	Mode	Online

Event Topic		Mental Health and Wellbeing			
Type / Nature (FDP/Webinar/Workshop etc.)		Webinar			
Organizing In-charge		Course Convenor, Dr. Ram Sunil Lalji			
Details regarding invited Resource Person		Dr. Manik Inder Singh Sethi			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	27-08-2021	Timing/s	03:30 PM	Mode	Online

Event Topic		Biomolecular Chemistry			
Type / Nature (FDP/Webinar/Workshop etc.)		Webinar			
Organizing In-charge		Course Convenor, Dr. Ram Sunil Lalji			
Details regarding invited Resource Person		Dr. A. K. Prasad			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	17-09-2021	Timing/s	03:30 PM	Mode	Online

Event Topic		Student Skill Development Workshop on Online Tools for Chemical Sciences			
Type / Nature (FDP/Webinar/Workshop etc.)		Workshop			
Organizing In-charge		Course Convenor, Dr. Ram Sunil Lalji			
Details regarding invited Resource Person		Dr. Shashwat Malhotra, Dr. Ruchi S. Pandey			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	22-10-2021 to 23-10-2021	Timing/s	02:30 -05.00 PM	Mode	Online

Event Topic		International E-Conference on Sustainable and Futuristic Materials (SFM-2021)			
Type / Nature (FDP/Webinar/Workshop etc.)		Webinar			
Organizing In-charge		Course Convenor, Prof. M. Swaminathan			
Details regarding invited Resource Person		Dr. M. V. Reddy, Prof. Sreekanth B. Jonnalagada, Prof. Dalila Hammiche, Dr. Chinnakonda S. Gopinath, Prof. B. Napolian			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	29-11-2021; 30-11-2021	Timing/s	02:00 PM to 05:00 PM	Mode	Online

**C: 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
CBCS	B. Sc (H) Chemistry	32171102	Physical Chemistry I Assignment	Feb 02, 2022	Feb 08, 2022
CBCS	B. Sc (H) Chemistry	32171102	Physical Chemistry I Test	March 08, 2022	March 11, 2022
CBCS	B. Sc (H) Chemistry	32171303	Physical Chemistry III Assignment	Nov 22, 2021	Nov 26, 2021
CBCS	B. Sc (H) Chemistry	32171303	Physical Chemistry III Test	Dec 06, 2021	Dec 08, 2021

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

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

Department/Society	Meeting Date	Purpose
Department- Purchase Committee/Member		To make purchases for the Department of Chemistry
Department- Library Committee/Convener		To purchase Chemistry books for Library.
Department- Time Table Committee/ Convener		To make and distribute Time table of individual Teachers.
Department Student-Faculty Committee/ Member		To address grievances and difficulties faced by the students and redress them.
Monitoring Committee		To monitor the construction and repair work going on in the college.
Central Purchase Committee		To facilitate and do the central purchases.
Space Infrastructure Committee		To audit space and infrastructure facilities
Fee Concession Committee		To approve the fee concession to relevant students by inviting applications and interviewing them.
Proctor & Discipline Committee		To maintain discipline amongst students and resolve grievances, if any.

#### D. College Functions

College Function	Function Date	Role to be played

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

Teacher's Name: Kalpana Bhrara

Department CHEMISTRY

S. No.	UPC	Paper Name	Core/AECC/GE/SEC	Topic/Unit	Start Date	End Date
1.	32171403	C X	Core	Physical Chemistry IV	03/01/2022	28/04/2022
2.	32171403	Practical C X	Core	Physical Chemistry IV LAB	03/01/2022	28/04/2022
3.	42174404	Chemistry paper -4	Core	Chemistry of s- and p-Block Elements, States of Matter and Chemical Kinetics	03/01/2022	28/04/2022
4.	32177906	Chemistry	DSE	Polymer Chemistry LAB	03/01/2022	28/04/2022
5.	32171202	Practical C IV	Core	Physical Chemistry II LAB	07/04/2022	26/07/2022

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

Event Topic	Colloquium Lecture Series: Catalysis for Sustainable Chemistry
Type / Nature (FDP/Webinar/Workshop etc.)	Lecture
Organizing In-charge	Dr. Ram Sunil L.
Details regarding invited Resource Person	Dr Ryan J. Trovich

Nature of Participation (e.g. Invited Speaker, Participant etc.)		Participant			
Date/s	28 Jan 2022	Timing/s	09:30 AM	Mode	Online

Event Topic		Environment Sciences and Public Health			
Type / Nature (FDP/Webinar/Workshop etc.)		FDP			
Organizing In-charge		Dr Ram Sunil L.; Prof. Loknath Mishra			
Details regarding invited Resource Person		Prof. Kaushal Kumar, Dr. Alok Kumar Chaudhary, Prof. Ajay Taneja, Prof. Rajiv Tank, Dr Sheetal Yadav, Dr. Swati Diwakar, Dr Priyanka Saxena, Prof. P.K. Joshi, Prof. Madhulika Bannerjee, Dr. Neetu Rani, Prof. V. Madha Suresh, Prof. Surinder Kumar, Dr. Pamposh, Mr. Gaurang Baxi.			
Nature of Participation (e.g. Invited Speaker, Participant etc.)		Organisation and Participation			
Date/s	01 Feb 2022 – 05 Feb 2022	Timing/s	02:00 PM – 08:30 pm	Mode	Online

### C. 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
CBCS	B.Sc. (H) Chemistry	32171403	Physical Chemistry IV <b>Assignment</b>	10/03/2022	23-03-2022
CBCS	B.Sc. (H) Chemistry	32171403	Physical Chemistry IV <b>Test</b>	22/04/2022	05/05/2022
CBCS	B.Sc. (Prog) LS II yr	42174404	Chemistry of s- and p-Block Elements, States of Matter and Chemical Kinetics <b>Assignment</b>	12/02/2022	-
CBCS	B.Sc. (Prog) LS II yr	42174404	Chemistry of s- and p-Block Elements, States of Matter and Chemical Kinetics <b>Test</b>	02/04/2022	16/04/2022

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