

I – Academic Planner

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

Teacher's Name: Dr. Shamseer Kulangara Kandi

Department: Chemistry

Sl. No.	UPC	Paper Name	Core/AECC/GE/SEC	Topic/Unit	Start Date	End Date
1.	42177916	B. Sc (Prog.) Analytical Chemistry Sem VI (Theory)	Instrumental Methods of Analysis (DSC-2)	IR Spectrophotometry	20/01/2022	04/03/2022
		Same	Same	¹ H NMR Spectroscopy	04/03/2022	23/04/2022
2.	42171204	B.Sc (Prog.) Analytical Chemistry Sem II(Theory)	Separation Methods-1 (CC-1)	Chromatography Unit 1	21/04/2022	26/05/2022
		Same	Same	Solvent Extraction	26/05/2022	14/06/2022
		Same	Same	Technique of paper chromatography	14/06/2022	27/06/2022
		Same	Same	Thin Layer Chromatography	27/06/2022	20/07/2022
3.	32171401	B.Sc (Hon's) Chemistry Sem IV(Practical)	INORGANIC CHEMISTRY – III : Coordination Chemistry	Estimation of Ni(II) using dimethylglyoxime (DMG)	21/02/2022	28/02/2022
		Same	Same	Estimation of copper as CuSCN	14/03/2022	21/03/2022
4.	42171204	B.Sc (Prog.) Analytical Chemistry (Practical)	Analytical Chemistry Lab: Separation Method-1	Separation and identification of monosaccharides present in the given mixture by radial paper Chromatography	13/04/2022	13/04/2022
		Same	Same	Separation of ortho-nitrophenol and para-nitrophenol by thin layer chromatography	20/04/2022	20/04/2022
		Same	Same	Synthesis of inorganic pigments (Malachite)	27/04/2022	27/04/2022
		Same	Same	Separation of constituents of leaf pigments by thin layer chromatography	04/05/2022	04/05/2022
		Same	Same	Determination of pH of soil.	11/04/2022	11/04/2022

	Same	Same	ii.Determination of total soluble salts.	18/04/2022	18/04/2022
	Same	Same	iii.Determination of carbonate and bicarbonate.	24/04/2022	24/04/2022
	Same	Same	iv.Determination of calcium,magnesium	04/05/2022	04/05/2022
	Same	Same	Determination of adulterant in some common food items. i.Chicory in coffee powder. ii.Foreign resin in asafetida.	18/05/2022	18/05/2022
	Same	Same	Determination of adulterant in some common food items. i.Chilli powder ii.Turmeric powder. iii.Pulses	28/05/2022	28/05/2022

B. Outstation Field visits for students

Project Name / Paper Name	NA		
Destination		Travel Mode	
Departure Month		Return	
Faculty-in-Charge		Number of Students going	

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
	B. Sc (Prog.) Analytical Chemistry Sem VI (Theory)	42177916	IR and ¹ H NMR Spectroscopy (Assignment)	Friday & 25/03/2022	01/04/2022
	B. Sc (Prog.) Analytical Chemistry Sem VI (Theory)	42177916	IR and ¹ H NMR Spectroscopy (Class test)	Friday & 8/04/2022	22/04/2022
	B.Sc (Prog.) Analytical Chemistry Sem II(Theory)	42171204	Separation Method (Assignment)	Friday & 30/06/2022	07/07/2022
	B.Sc (Prog.) Analytical Chemistry Sem II(Theory)	42171204	Separation Method (Class test)	Friday & 08/07/2022	15/07/2022

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