

Programme code:	B.Sc.	Programme Title :	CHEMISTRY	
Course Code:	17UCY616	Title	Batch :	2017-2020
		Core Elective Paper-III	Semester	VI
Hrs/Week:	6	Project	Credits:	5

Course Objective

To enable the students to

- acquire knowledge about the qualitative analysis of potable water
- gain awareness about research
- create research aptitude

Course Outcome

Knowledge Level	CO Number	CO Statement
K4	CO1	To understand the importance of analyzing the quality of potable water
K4, K3	CO2	To analyse, compare and interpret the results of water quality in all the locations
K4, K5	CO3	To decide and interpret the precautionary measures to be taken to save and improve the quality of water in different locations


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Syllabus

Unit	Content	Hrs
	To test the quality of potable water in and around Pollachi taluk and assign the geochemical type of water available. To create awareness among the people about the quality of drinking water presently used by them and to take necessary precautionary measures to save and improve the quality of water in their area.	
	Total Hrs/semester	78

Teaching Methods

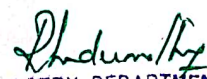
Field work, lab analysis, Power point presentations, Group discussions, Seminar, Lab activity, Quiz, Assignment, Experience Discussions, Demonstration,

Text Book

S.No.	Author(s)	Title of the Book	Publisher	Year of Publication
1.	Satinder Ahuja	Monitoring water quality, 1 st edition	Elsevier Publications	2013

Reference Book

S.No.	Author(s)	Title of the Book	Publisher	Year of Publication
1.		Standard Methods for the Examination of Water and Wastewater, 22 nd edition	APHA, AWWA and WEF	2012


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Mapping with Programme Outcomes

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	H
CO2	H	S	H	S	S
CO3	S	S	S	H	S

S-Strong; H-High; M-Medium; L-Low


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Course Code:	18UCY617	Title	Batch :	2018-2021
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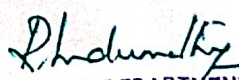
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Satinder Ahuja
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Mapping with Programme Outcomes

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	H
CO2	H	S	H	S	S
CO3	S	S	S	H	S

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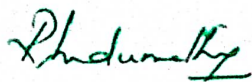
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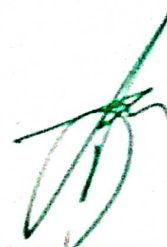
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CO2		H	S	H	S	S
CO3		S	S	S	H	S

S-Strong; H-High; M-Medium; L-Low



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