



St. Mary's College (Autonomous)
Reaccredited with 'A+' Grade by NAAC (Cycle IV)
Thoothukudi



Criterion: I – Curricular Aspects
1.1 – Curriculum Design and Development
Year: 2018-2023

Programme: M.Sc. Chemistry

Semester – II			
Elective II	B	Industrial Chemistry	
Code : 19PCHE21	Hrs / Week : 4	Hrs / Sem : 60	Credits : 4

Course Outcome:

CO No.	Upon completion of this course, students will be able to	PSO addressed	CL
CO - 1	learn some of the industrial products like cosmetics, paints, dyes and pigments and their manufacturing	1, 5	An
CO - 2	test the adulterants present in cosmetics and take care of skin and hair	6	An
CO - 3	get to know various types of alloys and its manufacture and applications	5	Ap
CO - 4	have sufficient knowledge on corrosion and the methods for preventing corrosion	1, 5	Ap
CO - 5	discuss the basic concepts of radiation chemistry	1	An
CO - 6	understand the concepts, importance and need of nuclear energy	1	Ev
CO - 7	aware of disposal techniques of nuclear wastes and safety in working with nuclear energy	6	An
CO - 8	know various power projects in India.	7	An

Semester – I

Elective I

B. Food and Health Chemistry

Course Code : 21PCHE12

Hrs / Week : 4

Hrs / Sem : 60

Credits : 4

Course Outcome:

CO No.	Upon completion of this course, students will be able to	PSOs addressed	CL
CO 1	classify nutrients, proteins, vitamins and minerals.	1	An
CO 2	examine physical and mental health.	6	An
CO 3	explain various metabolism of drugs.	2	Un
CO 4	compare hard and soft drugs.	1	Ev
CO 5	measure blood pressure and sugar and detect various blood group for different persons.	8	An
CO 6	calculate body mass fluid and give the factors which affect BMF and test the adulterants present in food items.	3, 5	Ap



Louis Rose

Principal

**St. Mary's College (Autonomous)
Thoothukudi-628 001.**