

AC/I/(23-24).3.RUS5

S. P. Mandali's
Ramnarain Ruia Autonomous College
(Affiliated to University of Mumbai)



Syllabus for
Program: F.Y.B.Sc.

Program Code: (RUSCHE)

(As per the guidelines of National Education Policy 2020-
Academic year 2023-24)

(Choice based Credit System)

FYBSc Syllabus 2023-24 (As per NEP)

PROGRAM OUTLINE 2023-24

Paper Title: Exploring Everyday Chemistry

Year	Semester	Course Code	Course Title / Unit Title		Credits
F.Y.B.Sc	I	RUSGECHE. O101	Unit-I	Chemistry in Food and Medicine	2
			Unit-II	Chemistry of Household Materials	
	II	RUSGECHE. O101	Unit-I	Chemistry of colours and Cleansers	2
			Unit-II	Chemistry of Cosmetics	

Content of the syllabus

GENERIC ELECTIVE - EXPLORING EVERYDAY CHEMISTRY I

SEMESTER I		
Unit	Content	No of Lectures
I	1.1 Basic constituents of food namely carbohydrates, proteins, fats, vitamins, minerals, etc. 1.2 Chemistry of beverages: Chemical constituents present in beverages, preservatives, flavouring agents and their importance.	15
II	2.1 Chemistry in common medicines.	15

References:

GENERIC ELECTIVE - EXPLORING EVERYDAY CHEMISTRY II

SEMESTER II		
Unit	Content	No of Lectures
I	2.1 Chemicals involved in materials viz. cleansers, soaps and detergents, inks, paints and dyes.	15
II	2.2 Chemicals involved in common cosmetics such as talcum powder, creams, lotions, shampoos, hair dyes, etc.	15

Modality of Assessment

Sr. No.	Number of Credits	Total Marks	Internal Assessment (Marks)	Internal Assessment (Pattern)	Semester End Examination(Marks)	Semester End Examination(Pattern)	Duration of Sem End Exam
1	2	50	20	Class Test/Assignment/Open Book Test	30	Two Questions of 15 marks each/Three Questions of 10 Marks each	1 Hr