

Curriculum Plan

(Odd Semester 2024-2025) Semester-III

Teacher Name: Dr. Rajita

Name of Paper, B.Sc. (H) -GE, Chemistry and Society (2 Periods Per Week)

Contents	Allocation of Lectures	Month wise schedule to be followed	Tutorial/Assignments/ Presentation etc
Chemistry in Life: Edible and non- edible molecules, biochemistry of foods and medicine with examples: Aspirin, Paracetamol. Ibuprofen and Penicillin, Cephalosporin, Chemistry for industry: Artificial sweeteners, Soaps and detergents and cosmetics, Polymer and Plastics: Uses and environmental issues.	8	First week of August to third week of September	Doubt session, class test and Previous Year Papers Discussion
Chemical pollution and Toxicity: Chemical source of water, air and soil pollution, biomagnification and metal toxicity with example and illustrations. monitoring of air pollution.	4	Last week of September to third week of October	Doubt Session, Previous years paper discussion
Testing of chemicals: Flame test, solubility test, qualitative and quantitative identification of ions in natural samples like metal copper, iron and chromium ores and adulterant in foods.	4	First week of November to last week of November	Related Problems, Previous Year Question Papers discussion, Assignment

Dr. Rajita
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