

Objectives

- ❖ This plays a fundamental role in our daily lives.
- ❖ This drives innovation and improves our quality of life.
- ❖ Know about artificial sweetening agents and food preservatives;
- ❖ Discuss the chemistry of cleansing agents.
- ❖ Discussion the term chemotherapy;
- ❖ Discussion the basis of classification of drugs.

Course Design

Agriculture	(3 hrs.)
Food preservatives	(4 hrs.)
Drugs and medicine	(4 hrs.)
Cosmetics	(4 hrs.)
Toothpaste	(2 hrs.)
Soap/ Detergents	(2 hrs.)
Industries and transport	(2 hrs.)
Environment Issues	(2 hrs.)
Oxidation of food	(2 hrs.)
Artificial sweeteners	(2 hrs.)
Artificial food colorants	(2 hrs.)
Dairy products	(2 hrs.)
Composition of soil	(3 hrs.)

VALUE ADDED COURSE ENTITLED

"The Chemical Symphony of Life: Understanding the Essence of Chemistry in Everyday Existence"

Offered by
Department of Chemistry
Garhbeta College



Course duration:

February, 2024 – April, 2024 (34 hrs)

Mode: Blended

Course Co-ordinator



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Internal
resource
persons

Dr. Mahadeb Maity

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Dr. Abhinandan Rana

Prof. Susanta Kumar Giri

Prof. Debasis Dandapat

Prof. Kajal Kr. Masanta

Prof. Samir Kumar Hazra

Prof. Durgacharan Barui

Course
Outcome

- Chemistry is a fascinating science that plays a vital role in our daily lives, often without us being aware of it.
- It is present in everyday products such as clothing, food or cosmetics and at the same time in technological innovation, in the creation of new materials, in the manufacture of more efficient and sustainable products and in industrial processes with the aim of being a more modern, effective and efficient industry.