

Department of Chemistry
School of Basic Sciences
CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY,
KANPUR

Vocational Course for UG Programmes

Paper Name - Introduction to Cosmetics and Perfume Chemistry

Paper Code - ~~CHM ICP 02~~ VOC 142

Course Objective –

1. Students learn about the world of cosmetic chemistry.
2. Impart the theoretical and practical knowledge of basic principles of Perfumery, extraction of essential oils.
3. Impart the theoretical and practical knowledge of basic principles of cosmetic chemistry, manufacture, formulation of various cosmetic products.

Course Content: 75 Hours (Theory (15 hours) + Practical (60 hours))

Unit	Topics	Hours
Theoretical Aspects		
1	Perfumes: Introduction to perfumery, Composition and Extraction of Essential oils (flowers, clove, cardamom, Sandal wood etc.)	7+8 =15 hrs
2	Cosmetics: Introduction to cosmetic industry, Role of essential oils in cosmetics with reference to Geraniol, sandalwood oil, eucalyptus, rose oil, , Jasmine etc. Raw materials, Cosmetics for Skin (toners, cleansing agents, moisturizers, sunscreens, talcum powder, bleaching products) and Hair Cosmetics (shampoos, conditioner, colorants, herbs used in hair cosmetics).	

Practical Aspects		
3	Preparation of Essential oils: Extraction of essential oils: Rose, Jasmine, Eucalyptus, Sandalwood etc. Preparation of Attar and perfumes , Preparation and uses of the following: rose water etc.	60 hrs
4	Preparation of Cosmetics (Hair and skin) Products: Preparation of toners, cleansing agents, moisturizers, cream, body lotion, nail paint, nail paint remover, shampoos, conditioner, hair dye, hair serum etc.	

Total weightage of Theory - 40% of marks, 15 hours (1 Credit)

Total weightage of Practical - 60% of marks, 30 hours + 30 hours (2 Credit)

Learning Outcomes – By the end of this course participant will be able to-

1. Understand the basics of cosmetics and perfumes
2. Prepare daily use cosmetics at small level.
3. Prepare attar and perfumes at small level.

Job Prospects-After completion of the course the individual will be able to

1. Job opportunities in perfumery and cosmetics industries.
2. They can setup a small cottage industry

Skill Partner- 1. Goodness of Nature, Kanpur

2. Asha Sugandh , Kannauj ✓

Suggested Reading –

1. *Essential Oils, Vol. I-V*, Guenther.
2. *The Essential Oil Book*, Edited by Colleen, K. Dodt
3. *Cosmetics Formulation- Principles and practice*, Edited by Heather A.E. Benson, Michael S. Roberts, V.R. Leite-Silva, Kenneth A Walters.
4. *Manufacture of perfume cosmetics and detergents* by Prasad Giri Raj.
5. *Industrial chemistry* by B.K.Sharma.
6. *Manufacture of perfumes, cosmetics and detergents* by Prasad.

Sebarhis Adhikari

Pshani

Shamiraj

Mercy

Ratna

Rohi

Purnasaktangh