

COSMETIC TECHNOLOGY

15PH706.E.2

THEORY

3 hours/week

UNIT –I

1. Fundamentals of cosmetic technology, classification of cosmetics, A brief study of raw materials used for Cosmetic preparations: surfactants, humectants, cream bases, aerosol propellants, perfumes, colours.

UNIT -II

2. Hair Care Products: Hair structure, Shampoos, Conditioners, Setting lotion, Hair creams, Hair dyes.
3. Skin Care Products: Anatomy and physiology of skin, formulation of skin cleaners, moisturizers, sunscreen products, acne products, anti ageing creams.

UNIT -III

4. Colour Cosmetics: Introduction, lip colour, nail polish, face make-up eye make-up.
5. Dental products: Dentifrices, Oral rinses, Tooth powder, Tooth paste.
6. Personal Hygiene Products: Shaving creams, after shave products.

UNIT -IV

7. Herbal Cosmetics: Introduction, use of plant materials in formulation of cosmetics with emphasis on dentifrices, skin care products and personal hygiene products.
8. **Safety testing of Cosmetic Products** : Microbiology in Cosmetics, Knowledge of the various microbial contaminants in cosmetic products, Knowledge of various preservative systems for cosmetic products, Selection criteria for preservatives, Efficacy and safety testing of preservatives in cosmetic products.

UNIT-V

9. Stability aspects of cosmetics: Shelf-life, effects of environmental factors like light, temperatures etc on product stability.
10. Quality control tests of different cosmetic products, Packaging of Cosmetics

RECOMMENDED BOOKS:

1. Cosmetics: Formulation, manufacturing, and Quality control by P.P.Sharma
2. A Handbook of Cosmetics by B.M. Mithal, R.N. Saha
3. The Theory and Practice of Industrial Pharmacy by Lachman L., Liberman, H.A.
4. Modern Cosmetics by Thomson, E.G.
5. Paucher's Perfumes, cosmetics & soaps by W.A.Paucher.
6. Hary's cosmeticology by J.B.Wilkimsson.