

# GUJARAT TECHNOLOGICAL UNIVERSITY

## M.Pharm PHARMACOGNOSY SEMESTER: II

**Subject Name: HERBAL COSMETICS**

**Subject Code: MPG204T**

**Scope:** This subject deals with the study of preparation and standardization of herbal/natural cosmetics. This subject gives emphasis to various national and international standards prescribed regarding herbal cosmeceuticals

**Objectives:** Upon completion of this course the student should be able to

1. understand the basic principles of various herbal/natural cosmetic preparations
2. current Good Manufacturing Practices of herbal/natural cosmetics as per the regulatory authorities

Sr No	Course Contents	Total Hrs
1	Introduction: Herbal/natural cosmetics, Classification & Economic aspects. Regulatory Provisions relation to manufacture of cosmetics: License, GMP, offences & Penalties, Import & Export of Herbal/natural cosmetics, Industries involved in the production of Herbal/natural cosmetics	12
2	Commonly used herbal cosmetics, raw materials, preservatives, surfactants, humectants, oils, colors, and some functional herbs, preformulation studies, compatibility studies, possible interactions between chemicals and herbs, design of herbal cosmetic formulation	12
3	Herbal Cosmetics : Physiology and chemistry of skin and pigmentation, hairs, scalp, lips and nail, Cleansing cream, Lotions, Face powders, Face packs, Lipsticks, Bath products, soaps and baby product, Preparation and standardization of the following: Tonic, Bleaches, Dentifrices and Mouth washes& Tooth Pastes, Cosmetics for Nails	12
4	Cosmeceuticals of herbal and natural origin: Hair growth formulations, Shampoos, Conditioners, Colorants & hair oils, Fairness formulations, vanishing & foundation creams, anti-sun burn preparations, moisturizing creams, deodorants	12
5	Analysis of Cosmetics, Toxicity screening and test methods: Quality control and toxicity studies as per Drug and Cosmetics Act	12

### REFERENCES :

1. Herbal Cosmetics Handbook - H Panda, 3<sup>rd</sup> Revised Edition, Asia Pacific Business Press, 2004
2. Modern Cosmetics – E.G.Thomsen, Universal Publishing Corporation, Mumbai.
3. Cosmetics: Formulation, manufacturing and Quality Control – P.P.Sharma, 5<sup>th</sup> Edition, Vandana Publications, Delhi, 2014
4. Handbook of Aromatic Plants – S. K. Bhattacharjee, 2nd Revised Edition, Pointer Publishers, Jaipur, 2005
5. Aromatic Plants: Vol.01. Horticulture Science Series - Skaria, B.P. et.al. New India

Publishing Agency, New Delhi.

6. Aromatherapy: A Complete Guide to the Healing Art (Alternative Medicine) - Kathi Keville and Mindi Green, Sri Satguru Publications, New Delhi, 2002.
7. Herbal Cosmetics & Ayurvedic Medicines (EOU) - P. K. Chattopadhyay, NIIR Project Consultancy Services, Delhi, 2015
8. Cosmetics Science and Technology: 2 Vol Book Marvin S. Balsam and Edward Sagarin, 2<sup>nd</sup> Edition, Wiley India Pvt Ltd, New Delhi, 2008
9. Perfume, cosmetics and soap Vol-I –III, W. A. Poucher , 9 th Edition Chapman & Hall, London, 1991.