

GUJARAT TECHNOLOGICAL UNIVERSITY

B.Pharm
SEMESTER: VII

Subject Name: Herbal Cosmetics

Subject Code: 2270011

Teaching Scheme				Evaluation Scheme			
Theory	Tutorial	Practical	Total	Theory		Practical	
				External	Internal	External	Internal
3	0	0	3	80	20	0	0

No	Course Content	Hrs
1	Introduction: The scope, historical background and present status of herbal cosmetics, cosmetic market and herbal cosmetics, classification of herbal cosmetics	5
2	Raw materials used for formulation of skin care and hair care cosmetics: source and description of raw materials of natural origin like fixed oils, waxes, gums, hydrophilic colloids, colours, perfumes, protective agents, bleaching agents, preservatives, antioxidants and other ancillary agents used in the cosmetic formulations	10
3	Skin Structure and physiology	3
4	Herbal skin care cosmetics: • Cleansing agents - apricot. • Emollients - aloe, almond. • Astringent – amla • Freshening agent - chandan, khus. • Skin Pigmentation - saffron, ambi haldi.	8
5	Herbs used as antioxidants, free-radical scavenger, antiseptic, antibacterial, anti-wrinkle, anti-fungal	4
6	Hair structure and physiology • Herbal hair care cosmetics • Hair grooming : apricot, aloe • Hair growth promoters: brahmi, manjistha, jatamansi. • Hair Tonics: Bavachi, Hibiscus, Amla • Anti-dandruff: tulsi, neem, wheat gram oil, lemon, orange, aritha • Hair colorants: henna, amla, bhringaraja (<i>E. alba</i>), chamomile • Hair cleansing: ritha, shikakai, amla	10
7	Regulatory guidelines: Compliance of Drug & Cosmetic Act 1940 with reference to provisions for packaging and labelling (Rule 150 A, schedule S), permitted colors, flavors etc. BIS guidelines for cosmetic products and raw materials	5

References Books:

1. Marvin Balsam, Edward Sagarin; Cosmetic Science and Technology Vol I, II, III Ed. 2nd, John Wiley & Co. England
2. Chopra RN, Indian Herbs

3. The Wealth of India: Raw Materials (11 Vol.+ 2 Suppl.). Head, NISCIR, Dr. K. S. Krishnan Marg, Pusa Campus New Delhi-110 012, India. 1950.
4. Bare P., Cosmetics Analysis selective methods with techniques.
5. Behl PN, Srivastava G. Herbs Useful in Dermatological Therapy. Ed. 2nd New Delhi, India: CBS Publishers. 2002
6. Hand Book of herbal products Vol I & II by NIIR Board of Technologist. National Institute of Industrial Research,
7. Trease and Evans Pharmacognosy: William Charles Evans Revised with the assistance of Daphne Evans Ed. 16th Elsevier 2009.