

AC – 20/04/2024
Item No. – 6.6 Sem. II (4a)

As Per NEP 2020

University of Mumbai



Syllabus for Basket of OE

Board of Studies in Botany

UG First Year Programme

Semester

II

Title of Paper

Credits 2/ 4

I) Herbal Cosmetics (OE)

II)

III)

From the Academic Year

2024-25

Name of the Course: Herbal Cosmetics

SEMESTER II		
Sr. No.	Heading	Particulars
1	<p>Description of the course:</p> <p>Expectations and Goals :</p>	<p>"Explore the fascinating world of Herbal Cosmetics: Uncover the art and science of crafting beauty products from natural ingredients, blending theoretical insights with hands-on formulation experiences, and discovering exciting career paths in this dynamic and inclusive course tailored for non-botany students."</p> <p>This course aims to immerse non-botany students in the captivating realm of Herbal Cosmetics, providing a unique blend of theoretical insights and hands-on experiences. Expect to gain a solid understanding of cosmetic chemistry, master the art of crafting herbal beauty products, and navigate regulatory landscapes. Through practical sessions, you'll create creams and lotions, fostering confidence in quality control. Explore market dynamics, discover potential career paths, and cultivate soft skills essential for success in the herbal cosmetics industry. Embrace a holistic approach that blends science, creativity, and cultural awareness, ensuring a well-rounded and engaging learning experience.</p>
2	Vertical:	Open Elective
3	Type	Theory
4	Credit:	2 credits (1 credit = 15 Hours for Theory)
5	Hours Allotted :	30 Hours
6	Marks Allotted:	50 Marks
7	Course Objectives: To enable students:	<ol style="list-style-type: none"> 1. Comprehend the application of herbal cosmetics and products. 2. Study herbal cosmetics used for facial, body, and hair improvement. 3. Understand the concepts of Herbal cosmetic formulation for their application part.
8	Course Outcomes: The students will be able to:	<ol style="list-style-type: none"> 1. Describe the direct industrial application of herbal products. 2. Identify skills of various plants used in herbal preparations. 3. Explain the science behind the preparation of cosmetics formulations.

9	<p>Modules:- Per credit one module can be created</p> <hr/> <p><u>Module 1: Introduction to Herbal Cosmetics (15 Lectures)</u></p> <p>1.1 Overview of Herbal Cosmetics (2 Lecture)</p> <ul style="list-style-type: none"> • Introduction to the world of herbal cosmetics • Types of cosmetics (Natural, Herbal and Chemical) <p>1.2 Basics of Cosmetic Chemistry (3 Lectures)</p> <ul style="list-style-type: none"> • Simplified principles of cosmetic chemistry • How herbs contribute to cosmetic formulations <p>1.3 Introduction to Botany for Cosmetics (4 Lectures)</p> <ul style="list-style-type: none"> • Plant parts and uses • Identifying common medicinal plants used in cosmetics <p>1.4 Herbal Extracts and Properties (4 Lectures)</p> <ul style="list-style-type: none"> • Types of herbal extracts in cosmetics • Benefits and properties of key herbs <p>1.5 Types of Herbal Cosmetics (2 Lectures)</p> <ul style="list-style-type: none"> • Skincare products: creams and lotions • Haircare products: Shampoo bars and hair packs <p><u>Module 2: Practical Applications of Herbal Cosmetics (15 Lectures)</u></p> <p>2.1 Crafting Herbal Skincare (3 Lectures)</p> <ul style="list-style-type: none"> • Examples of herbal creams and lotions • Formulating a simple herbal cream <p>2.2. Nourishing Hair with Herbs (3 Lectures)</p> <ul style="list-style-type: none"> • Herbal ingredients for hair care • DIY: Creating a herbal hair mask <p>2.3. Herbal Ingredients in Oral Care (2 Lectures)</p> <ul style="list-style-type: none"> • Herbs for natural oral hygiene • Formulating a herbal toothpaste <p>2.4 Crafting Herbal Personal Care Products (4 Lectures)</p> <ul style="list-style-type: none"> • Examples: herbal deodorants, lip balms, and body scrubs • Formulating a herbal personal care product <p>2.5 Specialized Herbal Treatments for daily routine and wellbeing (3 Lectures)</p> <ul style="list-style-type: none"> • Herbal solutions for acne, aging, and specific skin concerns • Creating a personalized herbal skincare routine
10	<p>Reference Books:</p> <ol style="list-style-type: none"> 1. "Herbs Cultivation & Their Utilization" by H. Panda 2. "Handbook of Cosmetic Science and Technology" by André O. Barel, Marc Paye, Howard I. Maibach 3. "Ayurvedic Pharmacopoeia of India Part 1, Vol. 2" 4. "Ayurvedic Beauty Care: Ageless Techniques to Invoke Natural Beauty" by Melanie Sachs 5. "Cosmeceuticals and Cosmetic Ingredients" by Leslie S. Baumann 6. "Formulation Guide for Cosmetics" by Albert Stokman 7. "Herbal Cosmetics: A Practical Approach" by Shalini Sharma <p>"Ayurvedic Medicine: The Principles of Traditional Practice" by Sebastian Pole</p>

11	Internal Continuous Assessment: 40% Marks 20 Field Report, Assignments, Class test, Presentation and Quiz	Semester End Examination: 60% Marks 30 3 Questions out of 6 (10 marks each)
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BOS in Botany**

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