

E.M.G. YADAVA WOMENS COLLEGE, MADURAI -14.
 (An Autonomous Institution – Affiliated to Madurai Kamaraj University)
 Re –accredited (3rd cycle) with Grade A⁺ and CGPA 3.51 by NAAC

CBCS
DEPARTMENT OF CHEMISTRY – UG
VALUE ADDED COURSE
(w.e.f. 2021 – 2022 onwards)

Organic Cosmetic Products

1. This Course is taken up by third year chemistry students
2. Period of study : V Semester

COURSE STRUCTURE

Contact Hours: 30 hrs

Credit: 1

S.No.	Sem	Subject Code	Title of the Paper
1.	V	21KVAC	Theory: Organic Cosmetic Products
2.	V	21KVACP	Practical: Lab in Organic Cosmetic Products

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Title of the Paper: Organic Cosmetic Products

Semester : V

Contact Hours: 30 Hrs

Subject Code :21KVAC

Objectives:

On successful completion of the course, the students will be able to

1. Gain knowledge on chemistry behind the cosmetic products
2. Identify the herbal cosmetic products with the commercially available Synthetic products
3. Prepare personal and beauty-care products using natural ingredients
4. Extract and separate medicinally important compounds from natural sources
5. Become entrepreneur in cosmetic products preparation

Unit: I ORGANIC COSMETICS: Introduction-Natural Cosmetics and composition-Functions to ingredients serve in natural cosmetics-Natural cosmetics is better than synthetic cosmetics-Uses.

Unit: II HERBAL HAIR OIL: HAIR OIL-Introduction-Raw materials for making of herbal hair oil-Benefits for applying herbal hair oil.

Unit: III HERBAL SOAPS: Introduction-Basic soap maker tools-Soap maker safety equipment-Ingredients-Setting and molding the soap-Soap finishing step-Benefits and uses of herbal soaps.

Unit: IV HERBAL POWDER: Introduction –Preparation of herbal powder- Rose petal powder, Beetroot Powder, Avarampoo Leaf Powder, Yellow Carrot Powder, Vetiver Powder- Nalangumavu.

Unit : V HERBAL SHAMPOO: Introduction- Preparation of herbal shampoo - Pearl Body Wash Base and Pearl Shampoo Base.

Reference Books:

1. Sawyer.W, “*Experimental cosmetics*, Dover publishes, New York, 2000
2. Mahapatra G., “*Elements of Industrial Chemistry*”, Kalyani Publishers, New Delhi, 2001.
3. Anthony C. Dweck, “Formulating natural cosmetics”, Industry Editor, Germany, 2010

Website(S):

1. <https://www.products.pcc.eu/en/blog/raw-materials-for-the-production-of-natural-cosmetics/>
2. <https://www.indiamart.com/herblis-health-care/profile.html>

PRACTICAL

Title of the Paper: Lab in Organic Cosmetic Products

Subject Code: 21KVACP

LIST OF PRODUCTS

Preparation of personal care products

1. Herbal Hair oil
2. Herbal bathing soaps
3. Herbal Shampoo

Preparation of beauty care products

1. Herbal Skin whitening powders