

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

<b>Course name</b>	Soap, Detergents And Cosmetics
<b>Course number</b>	CHEM4239
<b>Faculty</b>	
<b>Department</b>	
<b>Course type</b>	Major Needs
<b>Course level</b>	4
<b>Credit hours (theoretical)</b>	2
<b>Credit hours (practical)</b>	0
<b>Course Prerequisites</b>	

#### Course Objectives

- 1 - - Students will have the practical and business skills for employment in a professional, licensed as worker in the field of soap, Detergents and cosmetic industries.
- 2 - - Employed graduates will have developed the skills, speed, sales manship, ethics and professionalism required to succeed as professional in this field.
- 3 - - Students are to acquire the knowledge and skills, theoretical and practical, sufficient to pass the board of cosmetology and soap maker examination for licensing.

#### Course Contents

- 1 - • Classification and chemistry of soap
- 2 - • Classification and chemistry on non – soapy detergents
- 3 - • Fatty Raw materials for soap
- 4 - • Technology of soap Manufacturing
- 5 - • Soap and Detergents, An overview
- 6 - • Synthetic Detergents, Preparation and properties
- 7 - • Soap and Detergents additives and their functions
- 8 - • Perfumers, Types, extraction and methods of formulations
- 9 - Shampoos: Evaluation of Detergents as shampoo base, Raw materials
- 10 - • Soap and Detergents additives and their functions.
- 11 - • Perfumers, Types, extraction and methods of formulations
- 12 - Requirements, additives, types, and formulations. Other Hair care products
- 13 - • Skin creams: classification of skin creams as: cleansing, Moisturizing, Vanishing
- 14 - • Skin creams: classification of skin creams as: cleansing, Moisturizing, Vanishing
- 15 - • Antiperspirants and deodorants: Ingredients, Mechanism, and Formulations
- 16 - • Face powders and make up: Raw materials classification, properties and Function, Formulation and testing.
- 17 - • Teeth care products: Requirements, classification, Raw materials and their functions, Methods of Formulations.
- 18 - • Lipstick, Rouge and Eye make up: Raw materials, Requirements and Formulations.
- 19 - • Products Ingredients: Surface active agents, Humectants, Antiseptics, preservatives, Antioxidant.

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## Books and References

Recommended books	<p>Soap and Detergents" K.S. Parasuran, Tota McCraw- Hill Publishing company limited, New Delhi, 1995</p> <p>Cosmetics and Toiletries Industry", Second Edition, D.F. Williams and W.H. Schmitt-Blackie Academic Professiona, 1996</p> <p>Harrys cosmeticology", Seven Edition, J.B. Wilkinson, R.T. Moore, Published in USA by chemical Publishing Company. Inc. New York, 1982.</p> <p>Manufacture of Perfumes, Cosmetic and Detergents, by Gir Raj Prasad small industries Research institute India.</p> <p>Hand Book on Cosmetic Industry" 2nd Edition SIRI Board of consultants Engineers, Small industry Research institute, India.</p> <p>Handbook of Detergents, Part, A, B, C, D Michael S Showell CRC Taylor of Francis.</p>
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