

## Course Title: Chemistry of Skincare Products

<b>Programme/Class:</b> <b>Diploma</b>	<b>Year:</b> Second	<b>Semester:</b> IV
<b>Paper-IV</b>		
<b>Course Code:</b>	Course Title: Chemistry of Skincare Products	

**Course Outcomes:** People are always concerned about their beauty and wellbeing. The skin plays an important role in the looks and wellbeing of a person. People are getting more aware about the maintenance of their skin and it has opened the doors for the skilled persons who can provide skin care services and it has increased the turnover of the industries that dwell in the field of skincare products. This course will enable the students to know various skin care products, their classification and composition. They will learn to appreciate the role of chemistry and chemicals in providing the special effect to the component. The course will teach the students to formulate different skincare products and it will also elaborate the market size of the skin care products. Students will learn the skills such as formulation, skin problems and their treatment which will add to their chances of employability in the field of skincare products.

<b>Credits: 3</b>	<b>Skill Development</b>
<b>Max. Marks: 25+75</b>	<b>Min Passing Marks:.....</b>

**Total Number of Hours = 45**

<b>Unit</b>	<b>Contents</b>	<b>Number of Hours</b>
<b>1</b>	<b>Science of Skin:</b> Structure of skin, function of skin, common skin problems, market size of skin products	<b>10</b>
<b>2</b>	<b>Skincare Products:</b> Classification of skincare products, Chemical and herbal products: Creams: Foundation cream, vanishing cream, hand cream, body cream, night cream, massage cream, Powder: face powder, body powder, Colourants: lipsticks, rouges, Sun tan products: palliative, simulative. Quality control.	<b>10</b>
<b>3</b>	<b>Formulation of Creams:</b> Ingredients and methods of preparation of face cream, cold cream, sun tan creams. Chemistry and properties imparted by the ingredients.	<b>08</b>
<b>4</b>	<b>Formulation of Powder:</b> Ingredients and methods of preparation of face powder, talcum powder. Chemistry and properties imparted by the ingredients.	<b>09</b>
<b>5</b>	<b>Formulation of Colourants and Sun tan Products:</b> Ingredients and methods of preparation of colourants and sun tan products: lipsticks, sun tan cream. Chemistry and properties imparted by the ingredients.	<b>08</b>

### **Recommended Texts:**

1. Singh, S.K. Handbook on Cosmetics. National Institute of Industrial Research, India, 2010.
2. Nanda, S., Nanda A., Khar, R.K. Cosmetic Technology. Birla, India, 2011.