

TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE FOR  
WOMEN (TTWRDCW), SURYAPET

**COURSE: ANALYTICAL FOOD CHEMISTRY**

**Academic Year 2019- 2020**

**Total Teaching Hours: 30 hours**

**Total Marks: 40**

**Course Objectives:**

- To learn the chemistry involved in cosmetics, water purification and food.
- To prepare cosmetics, analyze water samples and identify the adulterants in food samples.

**Course Outcomes**

Identify the types of cosmetics and learn about their chemistry

Articulate the ingredients present in personal care products and apply it in their preparation.

Understand water purification process, food sources and analyze adulterants food.

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**SYLLABUS**

**Academic Year 2019- 2020**

**UNIT I: ADULTERATION**

Introduction: Sources And Functions Of Food- Food Groups

Food Guide- Basic Five Food Groups, Usage

The Food Guide- Food In Relation To Health- Objectives Of Cooking

Activated Charcoal Treatment. Uses Of Chlorination

**UNIT II: Food Adulteration:**

Common Adulterants In Different Foods- Milk And Milk Products

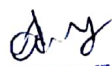
Vegetable Oils, And Fats, Spices


Pesticides And Insecticides


Methods Involved In The Analysis Of Detection And Prevention

**Practical:**

1. Estimation Of Total Hardness Of Water.
2. Testing For The Presence Of Adulterants In Food Samples.

  
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