

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

COURSE: WATER PURIFICATION AND WATER ANALYSIS

Academic Year 2021 - 2022

Total Teaching Hours: 30 hours

Total Marks: 40

Course Objectives:

To make the students familiar with sources of water

To provide the knowledge on demand of water and population forecast .

Course Outcomes

To understand the design of basic components of water supply lines

To expose the students to understand the characteristics of
water and its measurement

To depict the information on water treatment processes and its design

To provide adequate knowledge on water distribution system.

SYLLABUS

Water Quality Parameters

Physical And Chemical Properties Of Water

Methods Of Determination Of Various Water

Determination Of Ph, Alkalinity, Hardness


Hardness, Chloride, Iron And Phosphate.


Hardness Of Water SOFT NESS OF Water


Practical: Laboratory tests for water quality parameters hours)

Project: Quality assessment of water samples collected from different regions of

suryapet.


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