

SHRI MULIKADEVI COLLEGE, NIGHOJ

Tal.Parner Dist.Ahmednagar

Department of chemistry

Certificate course in chemistry 2018-19

Water analysis

- ❖ **Theory of syllabus** (3L)
 - **Introduction**
 - ✓ Uses of water
 - ✓ Adverse effect of water
 - **Water analysis** (6L)
 - ✓ Introduction
 - ✓ Sampling
 - ✓ Selection of parameter
 - ✓ Precision and accuracy of method selected
 - ✓ Preservation
 - **Classification of inland surface water** (10)
 - ✓ Dissolved oxygen (DO)
 - ✓ Biochemical oxygen demand (BOD)
 - ✓ Total dissolved solids (TDS)
 - Chlorides
 - Sulphates
 - Nitrate
 - Fluoride
 - P^H value
 - **Instrumental and Non-Instrumental analysis** (6L)
 - ✓ P^H of water
 - ✓ Conductance of water
 - ✓ Hardness of
 - **Practical (4)** (Each practical 3Lect) (12L)