C.V. Raman Global University
ODISHA BHUBANESWAR INDIA

F.A.C.T
Festo Authorized and Certified Training Centre

Water Technology

Overview:

The objective of this course is to apply knowledge and understanding of water treatment processes to a real-world problem and enhance student's ability to apply engineering concepts and skills to the analysis, design, and optimization of Industrial/Drinking water treatment systems.

Participant Profile:

Students from B.Tech Diploma and ITI background.

Content:

- Study of pH value of a water sample with calibration.
- Analysis of Dissolved oxygen of a water sample
- Analysis of Water sample by UV-spectrophotometer.
- Analysis of Turbidity of a given sample of Water
- Study of Environmental Discovery System
- Identify the different components within a control cabinet and their functionality in a automated pumping system.
- Analytical techniques for fault finding.
- Techniques and options for making mechanical repairs.
- Visit to a water treatment plant through Virtual Reality
- Hands-on practice with process automation kit

Prerequisites:

- Knowledge on electrical, mechanical, chemistry& automation.
- Communication Skills

Time Durations:

- 30 Hours (3 Hour/ Day)