

Workshop on

‘Water Quality Challenges and Monitoring Techniques’

Water quality and conservation are important indicators of the overall growth of a community as it is fundamentally linked to human health, socio-economic growth, major ecosystems and sustainable development. Fresh water is a finite resource and water quality monitoring is a fundamental tool in the management of fresh water resources. Climate change poses a great threat to both the quality and quantity of water resources; it is worsening the already existing scarcity and the regional inequality of the resource. Kerala is one of the most thickly populated states in the country and many people depend on homestead open wells for domestic purposes. With more awareness among the people and active initiatives of the local governments, these sources can be conserved and managed to meet the fresh water requirements of the households of Kerala. Generally the localized ground water problems in Kerala are due to the presence of excess salinity, iron, fluoride, hardness and coliforms. Seawater intrusion, domestic sewage, mineralogical origin, agricultural and industrial activities are the major causes. Angamaly to Kochi occupies the most industrialized zone of the Periyar River basin. The programme will help to create awareness in management and conservation of water which will lead to sensible, effective utilization of available water resources which will be finally beneficial to the society.

Organised by

**Post Graduate Dept. of Chemistry,
Sree Sankara College, Kalady**

in collaboration with

**Centre for Water Resources Development and Management, Govt. of Kerala
& Kalady Grama Panchayath**

on

6th March 2018



**Inaugural Programme:
10.00am-11.00 am**

**Venue: Seminar Hall,
Sree Sankara College, Kalady**

Technical session

11:00am - 12.00 pm

“Water Quality and Sanitation Challenges of Kerala and Technological Options to Reduce the Pollution”

Dr.P.S Harikumar, Senior Principal Scientist and Head, Water Quality Division, Centre for Water Resources Development and Management (CWRDM), Kozhikode

12:00pm - 1.00 pm

Mobile Water Analysis Laboratory (Demonstration on water quality analysis)

Organising Committee

Sri. K Anand (Managing Director)

Dr. K A Ajith Kumar (Principal)

Smt. Lekha R (Head of the Department)

Dr. Jesitha K (Convenor)

Members

Smt. Remadevi P R

Smt. Sylajadevi P

Dr. Sreekala M S

Smt. Manjula Krishnan

Smt. Seena K Thomas

Dr. Gireesh M K

Smt. Remya R Nair

Smt. Thasleena K K