



## REGISTRATION DETAILS

- The workshop is open to the faculty of Academic Institutions, UG / PG / Research Scholars and Professionals from Industry.
- The Registration fee for all participants is Rs.300/-.
- Participants can take photo copy of the format given if needed or it can be downloaded from our college website.
- The registration fee should be paid only in the form of Demand Draft in favour of "The Principal, SSN College of Engineering", payable at Chennai along with the registration form.
- Last date for receipt of registration form along with the DD by post is **23<sup>rd</sup> February 2012**.
- Notification of selected participants through Email on **24<sup>th</sup> February 2012**.
- Delegates can avail the transport facilities of the college. For details, visit our college website [www.ssn.edu.in](http://www.ssn.edu.in)

## ADDRESS FOR COMMUNICATION

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Coordinators - WPC

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## OBJECTIVES

Water pollution has been seriously affecting the life of humans, plants as well as animals. The eco-system of rivers, streams, lakes, seas and oceans is also getting deteriorated due to the contamination of water, through various sources. This condition also leads to the outbreak of numerous diseases, majority of them being lethal and contagious. However, before going about finding a solution to the problem, we need to look into its underlying causes.

Dumping of industrial wastes, containing heavy metals, harmful chemicals, by-products, organic toxins and oils, into the nearby source of water is one of the visible causes of water pollution. Another cause for the contamination of water is the improper disposal of human and animal wastes. Effluents from factories, refineries, injection wells and sewage treatment plants are dumped into urban water supplies, leading to water pollution. A number of pollutants, both harmful and poisonous, enter the groundwater systems through rain water.

A number of waterborne diseases are produced by the pathogens present in polluted water, affecting humans and animals alike. Pollution affects the chemistry of water. The pollutants, including toxic chemicals, can alter the acidity, conductivity and temperature of water. Diseases affecting the heart, poor circulation of blood and the nervous system and ailments like skin lesion, cholera and diarrhea are often linked to the harmful effects of water pollution. Hence, a measure has to be taken to conserve water from pollution. This can be achieved by:

- Recovery of valuable material & reuse of wastewater.
- Zero discharge of wastewater from industries.
- Treatment of leachate coming from landfill.
- Recycling and reuse of solid waste.
- Public awareness.

National Workshop On

**General Awareness On  
WATER POLLUTION & ITS CONTROL**

2<sup>nd</sup> – 3<sup>rd</sup> March 2012



Coordinators

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**Dr. K. Sathish Kumar**

Convener

**Dr. K. Ramakrishnan**

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