

## OBJECTIVES

A Water Safety Plan (WSP) is an improved risk management tool designed to ensure the delivery of safe drinking water. It identifies hazards, means to control them, means and actions to identify loss of control and its restoration. It comprises system assessment and design, operational monitoring and management plans (including documentation and communication). The program aims at providing awareness related to prevention of drinking water contamination from catchment to consumer by identifying risk and hazards associated with drinking water supply with suitable control measures. This training module aims at providing the participants with following objectives:

- Explain that a WSP is a source to point-of-use risk management approach that exists within a wider framework for safe drinking-water.
- Explain why the traditional end-product monitoring approaches are insufficient for ensuring drinking water safety.
- How to identify risks and hazards associated with drinking water supply
- How to suggest suitable control measures to minimise the risks and hazards in drinking water supply

## COURSE CONTENTS

- Water quality: Issues and options for safe drinking water supply
- Drinking water quality monitoring
- Water supply system and associated risks and hazards
- Identification of hazards and hazardous events and assess the risks in water supply system.
- Determination and validation the control measures, reassessment and prioritization of the risk.

**VENUE:** CSIR-NEERI, Nagpur

**MODE OF TRAINING:** Classroom lectures/ demonstration/ interaction. The lecture material shall be provided to the participants after the completion of the program.

## REGISTRATION

- Interested candidates (Educational qualification: Graduate in Science / Engineering & above) can register through weblink: <https://forms.gle/2WRBWhGFCYcyv8dCA>
- Registration fees: Rs. 2000/-
- Closing Date: September 14, 2025
- Seats are limited (20 seats) and registration will be confirmed on first come first get basis by email. Registration weblink will be closed after receiving requisite registrations.
- Accommodation (twin sharing basis) at CSIR-NEERI Guest House can be arranged for registered participants only on payment basis, if available

**CERTIFICATE OF PARTICIPATION:** Certificate of Participation will be issued on successful completion.

DIRECTOR	GREEN SKILLS COORDINATOR	COURSE COORDINATOR
Dr. S. Venkata Mohan Director CSIR-NEERI	Dr. Harshvardhan Singh Senior Principal Scientist & In-Charge, Skill Development Centre (SDC)	Dr. G.K.Khadse Chief Scientist, Water Resources (WR)