



## TRAINING PROGRAMME ON HOUSEHOLD WATER TREATMENT & SAFE STORAGE (HWTS)

11-13 June 2024

Website: [www.nirdpr.org.in](http://www.nirdpr.org.in)

## BACKGROUND

A significant portion of the world's population still does not have access to safe drinking water, sanitation, and hygiene facilities. Less than 50% of the India's population has access to safely managed water. Consumption of unsafe water is still causing sickness and long lasting health impacts among children, especially among low income households. This further impacts the household economy and increases the burden on women.

Household water treatment systems also known as point of use solutions are proven, low-cost interventions that have the potential to provide safe water, also reduces the risk of secondary contamination. The World Health Organization (WHO) also considers HWTS to be a viable option for building access to safe drinking water to vulnerable households.



## OVERVIEW

Household Water Treatment & Safe Storage (HWTS) training workshop is designed to provide the knowledge and skills necessary to ensure access to safe water at household. This comprehensive training programme covers water contamination, importance of water quality, different types of treatment methods, household water treatment and safe storage and best practices for handling safe water. The workshop will also focus on biosand water filter technology along with hands-on experience.

## OBJECTIVES

Upon completion of the workshop participants will be able to:

- Discuss the importance of household water treatment and safe storage
- Identify different water sources, contaminations and water-related diseases
- Identify and select appropriate household water treatment options
- Make informed decisions about planning and implementing HWTS projects

## **TRAINING DURATION**

It's a 4 day training programme from 11-13 June 2024. It includes classroom lectures, hands-on activities and real-life case studies. You will have the opportunity to engage with other participants, network with industry professionals and learn from experts in the field.

## LEARNINGS

- Water Cycle and Contamination
- Pathogens and Waterborne Diseases
- Transmission of Waterborne Diseases
- Multi Barrier Approach of water treatment
- Household Water Treatment Options
- Biosand Water Filter Technology: Understanding the technology, Installation, Operation and Maintenance
- Safe Water Storage
- Best practices for storing and handling water

## Eligibility Criteria

Training programme is ideal for anyone working or intend to work in building access to safe drinking water or interested in improving knowledge of HWTS. Also, Community WASH Promoters, Women SHGs, NGOs and PRIs.

## Enrollment

No training fees. Online nomination form is uploaded on the website of NIRDPR and SM Sehgal Foundation. Last date of submission is **05 June 2024**. Selected participants will be informed after scrutiny by the competent authority.

## FACILITIES

Free Lodging & boarding facilities will be provided in NIRDPR, Hyderabad from 10 to 14 June, 2024.



## CONTACT US

### Salahuddin Saiphy

Principal Lead- Water Management  
SM Sehgal Foundation  
Phone: 9871189564  
Email Id: s.saiphy@smsfoundation.org

### Mohammad Khan

Senior Consultant  
Rural Technology Park - Centre for  
Appropriate Technologies for Skills and  
Jobs, NIRDPR  
Phone: 9848924111  
Email Id: mdkhan.nird@gov.in

## VENUE

Rural Technology Park,  
National Institute of Rural  
Development and Panchayati Raj,  
Rajendra Nagar, Hyderabad - 500030,  
Telangana

## REGISTRATION LINK:

<https://forms.gle/jU1SP4nToD7BRisQ8>

Helpline: 9848780155  
Email Id: ciatsj@nirdpr.org.in