

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

09 - 11 October, 2023 at NIRDPR-NERC, Guwahati

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 3 day training programme from 09 - 11 October, 2023 at Guwahati. 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.

Enrolment

No training fees. Online nomination form is uploaded on the website of NIRDPR and SM Sehgal Foundation. Last date of submission is **30 September 2023**. Selected participants will be informed after scrutiny by the competent authority.

Facilities

Free Lodging & boarding facilities will be provided in NIRDPR-NERC, Guwahati, Assam from 08 to 12 October, 2023. Trainees have to make own arrangements for travel to the venue.



PROGRAMME DIRECTORS

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Venue

National Institute of Rural Development and Panchayati Raj (NIRDPR)

North Eastern Regional Centre (NERC)

NIRD Lane, Jawahar Nagar

Khanapara, Guwahati - 781022

Assam, India

Registration Link

<https://forms.gle/n6c29dfS3gEXbmGRA>