



TRAINING PROGRAM ON RAINWATER HARVESTING

Learn how to harvest water!

Dates: 27-30 August, 2019 (9:00 am-5:00 pm)

Organised by: S M Sehgal Foundation

**Supported by: National Institute of Rural Development &
Panchayati Raj (NIRDPR) Rajendra Nagar, Hyderabad**

Venue: Water and Wastewater Resource Center, NIRDPR

This training program is open to people who want to learn about rainwater harvesting (RWH) systems—the theory, practice, and policy. The course will share knowledge and holistic perspectives on rainwater harvesting and provide opportunity for hands-on planning for RWH systems in households, institutions, villages, and colony levels. RWH systems help in creating decentralized and sustainable sources of water supply and improve water availability. The training will equip participants for contributing to national water conservation efforts and mitigating India's looming water crisis.

WHAT YOU WILL LEARN

The training is divided into theory and practical sessions. Participants will learn about the multifaceted science of water—from geology, geography, hydrology, and meteorology, to hydraulics and water technology. The practical sessions will help in the design and plans for decentralised water harvesting structures that provide clean water for meeting daily requirements, and includes a site visit to functional RWH systems.

Last date of registration is August 22, 2019.

COURSE FEE

The training program is supported by NIRDPR so participants only need to pay Rs. 200 as a one-time registration fee with two passport-size photographs and a copy of an Aadhar card. Free accommodation is available for outstation participants on a twin sharing basis. Participants have to make their own arrangements for travel to and from the training venue.

COURSE MODULES

- *Overview - Water: Yesterday, Today, and Tomorrow*

Traditional water management systems of India

Water management practices in India

Genesis of water problems

Can the water scarcity be handled?

Possible solutions to a water scarcity

Rainwater harvesting as a solution to water scarcity

- *Water Science - Understanding the Basics*

Geology, geography, hydrogeology, meteorology, hydraulics, water quality treatment technologies



- *Groundwater*

Types of aquifers

Nature of occurrence and assessment of groundwater

Monitoring groundwater quality and quantity

- *RWH systems Planning & Designing*

Principles, planning, and designing of RWH systems

Construction of RWH systems and people's participation

Cost estimation, operations & maintenance, and ownership

Monitoring mechanisms and maintaining water quality

Stakeholder's engagement for long-term sustainability

- *Water Policy*

Water policy and legislation on rainwater harvesting

Building up data on water resources

- *Practical Exercises*

Practical exercises on planning, designing, and implementation of RWH systems

- *Field Visits*

Visit a few functional RWH systems for better understanding of planning, designing, and implementation aspects

DON'T MISS

This is a great opportunity for panchayat functionaries, government officials, students, civil engineers, architects, planners, NGO representatives, and entrepreneurs interested in learning and taking up RWH and water management as a profession.

Successful participants will receive a certificate. The training program will be an opportunity to interact with fellow participants to exchange experiences, news and views related to developments in the field of RWH.

HOW TO APPLY

Send your registration request to:

Salahuddin Saiphy

Senior Manager-Projects (South India)

S M Sehgal Foundation

Water and Wastewater Resource Center

Rural Technology Park, NIRDPR

Rajendra Nagar, Hyderabad - 500030

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Organizer's websites: www.smsfoundation.org & www.nirdpr.org.in

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