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:

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