

CERTIFICATE COURSE ON PARTICIPATORY AQUIFER MANAGEMENT FOR URBAN WATER SECURITY



Duration: 4 Days

Location: Bhuj, Kachchh, Gujarat

Upcoming Batches

- 08–11 June 2026
- 07–10 September 2026
- 07–10 December 2026

Organized By

ARID COMMUNITIES AND TECHNOLOGIES (ACT)

With over **22 years of experience** in implementing participatory groundwater management initiatives across India, ACT brings a rich blend of field expertise, community engagement, and scientific knowledge.

Who Should Attend?

This course is designed to strengthen the capacities of:

- Urban Planners
- Municipal Engineers
- Hydrogeologists
- NGO Practitioners
- Smart City / SPV Officials
- AMRUT and JJM (Urban) Functionaries
- Water Resource Professionals and Consultants

Overall Learning Outcomes

By the end of the course, participants will be able to:

- Understand urban water challenges and aquifer systems
- Analyze surface–groundwater interactions in urban environments
- Conduct urban aquifer mapping and assessment
- Design localized groundwater recharge and water reuse systems
- Integrate traditional and modern water management approaches
- Apply participatory planning approaches for urban water security

Training Outputs

Participants will develop:

- Urban Aquifer Conceptual Model
- Recharge Site Identification Map
- Water Reuse Strategy
- Draft Participatory Aquifer Management Plan

Key Messages of the Training

- Urban water security depends on local resource management
- Groundwater is invisible but critical
- Surface water and groundwater must be managed together

- Traditional water systems offer modern solutions
- Recharge + Reuse + Participation = Sustainable Cities

Day-wise Focus

Day 1: Urban Water Challenges and Aquifer Basics

Day 2: Aquifer Assessment and Planning Tools

Day 3: Field Visit – Anjar–Gandhidham Region (with CRDF)

Day 4: Participatory Planning for Urban Water Security

Training Methodology

Component	Percentage
Theory Sessions	35%
Practical Exercises	25%
Field Exposure	40%

Training Fee

₹12,500 per Participant

Fee Includes:

- Training Kit and Study Materials
- Lunch and Refreshments during Sessions
- Travel and Logistics for Field Visit

Registration

Visit: <https://act-training.in>

Complete your online registration. Upon successful registration, participants will receive:

- Enrollment Confirmation
- Payment Instructions
- Course Participation Details

For More Information

ARID COMMUNITIES AND TECHNOLOGIES (ACT)

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EMPOWER YOUR CAREER IN GROUNDWATER MANAGEMENT