

CERTIFICATE COURSE ON UNDERSTANDING GEOHYDROLOGICAL SCIENCE FOR SUSTAINABLE GROUNDWATER MANAGEMENT



Duration: 6 Days

Location: Bhuj, Kachchh, Gujarat

Upcoming Batches

- 06–11 July 2026
- 05–10 October 2026
- 18–23 January 2027

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 6-day training programme is designed to strengthen the capacities of professionals working in the water sector.

Training Overview

- This six-day training introduces geohydrology and its role in sustainable water resource management, with a strong focus on need for community participation.
- It combines classroom learning with structured field visits to build a solid understanding of groundwater systems and aquifer dynamics.
- Key themes include groundwater recharge and discharge, supply- and demand-side management, and need for Participatory Groundwater Management (PGWM).

Why Attend this Training?

Participants will develop:

- Understand aquifer characteristics, groundwater flow direction, and methods for assessing, managing, and interpreting groundwater data.
- Gain a comprehensive perspective on groundwater systems and participatory management approaches.
- Build a strong foundation in groundwater fundamentals and key hydrogeological concepts.
- Learn the science behind sustainable groundwater management practices.
- Explore recharge techniques and geological factors influencing water availability.
- Strengthen skills to design and implement effective groundwater management initiatives.

Day-wise Focus

Day 1: Understanding the foundations of groundwater, geology, and water security

Day 2: reading the landscape to understand groundwater systems (Full day Field Visit)

Day 3: Exploring how geological structures, aquifer properties, and water quality shape groundwater systems (Half day Field Visit)

Day 4: Transforming groundwater data into actionable insights for sustainable aquifer management

Day 5: Connecting theory with practice through real-world groundwater recharge systems (Full day Field Visit)

Day 6: Bridging science, community participation, and action for sustainable groundwater management

Training Methodology

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

Training Fee

₹17,500 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)

A-52, Changleshwar Society, Opp. Ranjanvadi, Mundra Road Relocation Site, Bhuj–Kutch, Gujarat – 370001

Website: www.act-india.org, Email: acttraining15@gmail.com

Mr. Shailesh Vyas | Mobile: +91 9426909872 | Email: smvyas@gmail.com

EMPOWER YOUR CAREER IN GROUNDWATER MANAGEMENT