

CERTIFICATE COURSE ON DESIGNING DECENTRALIZED DRINKING WATER SYSTEMS USING GEOHYDROLOGICAL APPROACH



Duration: 4 Days

Location: Bhuj, Kachchh, Gujarat

Upcoming Batches

- 10–13 August 2026
- 16–19 November 2026
- 08–11 February 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?

Mid-level professionals (PHED engineers, NGO staff, hydrogeologists, planners, JJM functionaries).

Expected Outcomes

Participants will be able to:

- Understand groundwater occurrence, movement, and aquifer systems
- Conduct micro-level geohydrological assessment
- Identify recharge & discharge zones
- Analyze water quantity & quality for drinking purposes
- Design decentralized, sustainable drinking water systems
- Prepare Village Water Security Plans (VWSP) using scientific + participatory approaches

Key Strength of This Module

- Integrates science (geohydrology) + community planning
- Focuses on micro-watershed level understanding
- Builds practical skills, not just theory

Day-wise Focus

Day 1: Fundamentals of Geohydrology & Drinking Water Security

Day 2: Geohydrological Assessment & Tools (Hands-on)

Day 3: Field Exposure & Applied Learning (Full day Field Visit)

Day 4: Planning & Design of Decentralized Systems

Training Methodology

Component	Percentage
Technical Presentations	30%
Hands-on Practicals	30%
Case Studies & Group Work	20%

Field Exposure	20%
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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