

About NIH and GWRDC



The **National Institute of Hydrology (NIH)** is a premier research Institute in the area of hydrology and water resources in India. The Institute has its headquarters at Roorkee (Uttarakhand), two Centres for Flood Management Studies at Guwahati and Patna, and four Regional Centres at Belgaum, Jammu, Kakinada and Sagar. The Institute was established in 1978 as a research organization at Roorkee. Since inception, the Institute has carried out research studies covering almost all areas of hydrology, and has established contacts with national and international organizations of repute.

The Institute is well equipped to carry out computer, laboratory and field oriented studies with a team of 80 well qualified and trained scientists with excellent academic background. The Institute has state-of-the-art laboratories with latest instruments and facilities. NIH has actively participated in technology transfer activities. With these activities, the Institute has positioned itself as a centre of excellence for research and development in the area of hydrology in the country.



The **Gujarat Water Resources Development Corporation Ltd. (GWRDC)** was created in 1975 with a view to concentrate on groundwater investigation, exploration, management and recharge works in the State of Gujarat. GWRDC is functioning under the Narmada Water Supply & Water Resources Department of Govt. of Gujarat. GWRDC has total 72 offices all over the state of Gujarat with Head Office at Gandhinagar and 4 Circle Offices at Gandhinagar, Ahmedabad and Kherva.

GWRDC has three technical wings, namely (a) Geological Wing (1 Circle), which deals with groundwater investigation and monitoring, (b) Mechanical Wing (1 Circle) which deals with drilling operation and maintenance of rigs vehicles and pumps, and (c) Civil Wing (2 Circles) which deals with maintenance and management of irrigation tubewells, and construction and maintenance of civil works like building, pipeline, construction of recharge works (check dam, deepening of ponds etc.), and lift irrigation schemes. There are four laboratories for chemical and biological analysis of water and soil samples with highly sophisticated instruments. Modern facilities exist for remote sensing data analysis and GIS for groundwater investigations.

Coastal Groundwater Development, Modeling & Management

Training Course under HP-II, Ahmedabad (March 3-7, 2014)
Organized by NIH Roorkee & GWRDC Gandhinagar



Field experiments in Odedar Village near sea coast, Porbandar District