

**Karnataka State Council for Science & Technology (KSCST), Bangalore
NAM S&T Centre, New Delhi
Department of Science and Technology, Government of India, New Delhi**

**Trainers' Training Programme on 'Sustainable Rainwater Harvesting
and Ground Water Recharge in Developing Countries - HRD and
Technology Transfer, Hotel Atria, Bangalore.**

22 - 27 February 2010

Trainers' Training Programme on 'Sustainable Rainwater Harvesting and Ground Water Recharge in Developing Countries – HRD and Technology Transfer' was organized by three organizations 1. Karnataka State Council for Science and Technology, Bangalore, 2. NAM S&T Centre, New Delhi and 3. DST, GOI, New Delhi between 22 – 27th February 2010 at Hotel Atria, Palace Road, Bangalore.

There were 16 NAM countries participating and 17 foreign participants in the programme. There were 9 Indian participants from various states of India. The training programme focused on rainwater harvesting, ground water recharge from buildings, apartments, office complexes, corporate sectors, companies and various institutions. Open spaces both in urban and rural areas along with watershed management in farm sector was also covered. The training programme was supported by 22 resource persons from various institutions and different parts of India with 24 technical presentations.

There were five Technical sessions covering the following topics:

1. Need for Rainwater Harvesting
2. Resource estimation
3. Methods of rainwater harvesting
 - a) Harvesting, recharge, conservation
 - b) Rainwater harvesting from roof tops and open spaces
4. Resource - water quality and effects (health, land, water source etc.)
5. Details of Rainwater harvesting roof tops and open spaces – design, plan, cost estimation etc.
6. Rainwater harvesting in small farms / agricultural fields
7. Conservation and artificial recharge, design, plan, cost estimation etc.
8. Ground water recharge - open space, dug wells, tube wells, trenches, farm ponds etc.

There were two field visits for practical exposure on Rainwater Harvesting and Ground water recharge. The first one was in Bangalore to practically demonstrate rainwater harvesting at different sectors. The sites visited were (i) KSCST office building in Indian Institute of Science (ii) 'E' type quarters in Indian Institute of Science (iii) Hon'ble Chief Minister's Home office "Krishna", Kumara Krupa Road (iv) Hebbal constituency, veterinary college park (v) Yelahanka constituency, Sahakarnagar Park (vi) Rainbow Drives - Residential layout comprising of 300 houses in Sarjapur Road, Koramangala.

The second field visit was outside Bangalore. The places visited were Nirmithi Kendra, Tumkur, to demonstrate RWH training facilities, methods of rainwater harvesting in rural houses, huts, schools and navagramas (low cost village houses). A field visit to watershed management programme in Mailanahalli, Arisikere taluk, Hassan District and

Lakkihalli in Tiptur Taluk, Tumkur district supported by BAIF, Tiptur. This field visit was organized to demonstrate a sustainable model of water conservation combined with local resource management by involving the local community.

Hands on training was provided at Rainwater Harvesting Helpdesk at KSCST. The helpdesk is jointly established by Karnataka State Council for Science and Technology (KSCST) and Bangalore Water Supply and Sewerage Board (BWSSB) in the Indian Institute of Science campus.

The programme was inaugurated on 22nd February 2010 represented by the dignitaries, Dr. Laxman Prasad from Department of Science and Technology, Government of India, Prof. Arun Kulshreshta from NAM S&T Centre, Delhi, Prof. B. N. Raghunandan, Executive Committee Member, KSCST, IISc. The valedictory function was graced by dignitaries, Dr. Sanjay Bajpai from Department of Science and Technology, Delhi, Dr. Arun Kulshreshta, NAM S&T Centre, Delhi, Dr. Bandopadhyay, NAM S&T Centre, Delhi and Prof. M. S. Mohan Kumar, KSCST.

The event also included few cultural programmes, Bangalore city site tour, visit to heritage sites like Belur and Halebeedu in the training programme.. Several national newspapers published information on the programme.

GROUP PHOTO DURING THE TRAINING PROGRAMME
22nd – 27th February,2010



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