

102C. 11) RAINWATER HARVESTING CELL

Principal Investigator	:	A.R. Shivakumar
Annual Budget	:	Rs. 12,50,000/-
Supported by	:	DST, GOK
Established	:	November 2005

Background:

KSCST is actively participating in the socially relevant, environment friendly water conservation measures and has been providing cost effective solutions since its inception. RWH Cell at KSCST is established to study the needs of the people and provide sustainable and simple solutions through innovation and implementation pertinent to Rainwater Harvesting and Ground water recharge. Since November 2005 RWH Cell has provided technical support for planning rainwater harvesting systems in over 300 institutions (Public and private sector, Multinationals and Educational Institutions) in Karnataka and other states.

RWH cell established at KSCST is providing policy support to the Government departments for water conservation and rainwater harvesting programmes. The guidelines established by RWH Cell are instrumental in pursuing State Government to amend several acts and issue guidelines for mandatory installation of RWH structures in all the government buildings, public parks, roads and open spaces. BWSSB has collaborated with RWH Cell of KSCST and brought in the legislation to compulsorily install RWH system in certain category of properties in Bengaluru.

Progress for the Period: April 2018 to August 2018

The RWH Cell at the Council has been providing technical guidance to individuals, institutions and private sectors on Rain Water Harvesting technology. Technical consultancy has been provided to the following:

1. Bharat Heavy Electricals Limited, Electronics Division, Bengaluru.
2. Establishment of Rainwater Harvesting Theme Park at Hyderabad - Advisory support to Hyderabad Metropolitan Water Supply and Sewerage Board.
3. Smt. VHD Central Institute of Home Science College, Bengaluru.
4. Institute of Wood Science & Technology, Bengaluru.
5. Forensic Science Laboratory, Bengaluru.
6. Madras Engineering Group Officers Mess, Bengaluru.
7. Mindtree Global Learning and Software Development Center, Bhuvanewar, Odisha
8. Army Public School, FM Cariappa Colony, Bengaluru.
9. Customs & GST Office, Queens Road, Bengaluru.

RWH Outreach Activities:

1. Training Programmes on Rainwater Harvesting was organized by Karnataka State Council for Science & Technology on 10.07.2018 for Plumbers, Engineers, Architects & Contractors at Sir M Visvesvaraya Rainwater Harvesting Theme Park, Jayanagar 5th Block, Bengaluru. Twenty Seven participants were trained.

Sl. No	Event	Particulars	Location	Date
1.	Keynote Address on “Rainwater Harvesting” by PI-RWH Cell in a Two Day Workshop on “Sustainable Construction: Materials and Technologies”	Organized by Civil Engineering Department, Shri Ramdeobaba College of Engineering and Management, Nagpur	Nagpur	12.04.2018
2.	Talk on “Rainwater Harvesting and Water Conservation” by PI-RWH Cell at Water Retreat	Jointly organized by Bangalore Sustainability Forum, National Centre for Biological Sciences (NCBS), Bangalore, Ashoka Trust for Research in Ecology & Environment (ATREE), Azim Premji University (APU), Indian Institute for Human Settlements (IIHS), Biome, and Wipro	School of Ancient Wisdom, Devanahalli	16.04.2018 to 17.04.2018
3.	PI – RWH Cell participated as speaker in Panel Discussion on Water preservation, Rainwater Harvesting and Lake Rejuvenation	Organized by Social Entrepreneurs And Enterprises (SEE) – Water, an initiative of Alumini Association, IIT Kharagpur	Indian Institute of Management, Bengaluru	28.04.2018
4.	Talk on Rainwater Harvesting by PI- RWH Cell	Organized by Siruthuli an NGO, Coimbatore, TN	Coimbatore	11.05.2018
5.	Talk on Rainwater Harvesting by PI – RWH Cell on the occasion of World Environment Day celebrations as Guest speaker	Organized by Institute of Wood Science & Technology (IWST), Bengaluru	IWST, Bengaluru	04.06.2018
6.	Talk on Rainwater Harvesting at the World Green Infrastructure Congress (WGIC 2018) in a session on RWH a Sustainable option for water needs on Rainwater Harvesting – Advanced Watershed Irrigation, represented by Mr. Navaneeth Kumar	Organized by WGIC	Lalit Ashok, Bengaluru	05.06.2018

7.	Presentation on Water Conservation and Harvesting by PI-RWH Cell on the occasion of World Environment Day at the CII, Karur Chapter and Kongu Global Forum	Organized by Kongu Global Forum, Karur, TN	Karur, Tamilnadu	05.06.2018
8.	Radio Programme on Rainwater Harvesting by PI – RWH Cell	Organized by Radio Mirchi FM Channel	Bengaluru	27.06.2018
9.	Awareness and field visit programme at Mindtree Global Learning and Software Development Center, Bhubaneswar, Odisha	Mindtree Global Learning and Software Development Center, Mindtree Global Learning and Software Development Center, Bhubaneswar, Odisha	Kalinga Campus, Bhubaneswar, Odisha	29.06.2018
10.	Talk on Water Harvesting and green energy conservation by PI – RWH Cell in a Three day Faculty Development Workshop on Emerging Trends in Green Technologies	Organized by PES University, Bengaluru	PES University, Bengaluru	05.07.2018
11.	Panel discussion on Sustainable building design	Organized by Design Café, St. Mark's Road, Bengaluru	Design Café, Bengaluru	03.08.2018
12.	Lecture on “Rainwater Harvesting”	One Day Training Programme for IFS Officer's Organized by MGIRED, Jakkur	Sir M Visvesvaraiiah Rainwater Harvesting Theme Park, Jayanagar, Bengaluru	07.08.2018

2. Blog “RainManSpeaks from Bengaluru” is in the web since April 1st 2014 and has published 69 posts. The reach as of August 2018 is over 93,000 and in over 20 countries. Blog is reposted on Facebook, Tweeter, and Google+ etc.

Several lectures and presentations are being delivered to promote rainwater harvesting by the council across the state, in addition to news paper articles and television programs.