

One day Brainstorming Workshop on  
**"Improvement of Water Cycle - Science, Technology and Management - Challenges and Options"**

(Sponsored by Department of Science and Technology, Government of India)

**Date: 8<sup>th</sup> November 2010**

**Venue : Conference hall, KSCST, Indian Institute of Science, Bangalore**

Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science would like to initiate scientific deliberations with experts to discuss various options available that requires to be developed for improving the Water Cycle at scales ranging from Micro-Watershed to Sub-Basin level in different agro-climatic zones, which is also one of the generic challenges identified under WAR for water programme of DST, GOI. The main objective of this deliberation is to share the experiences in the scientific understanding of the water cycle, gaps in S & T interventions, R & D activities and come out with suitable set of strategies and options to be developed to intervene in modifying the hydrological cycle. In this broad context, the Council is organising one day Brainstorming workshop entitled '**Improvement of Water Cycle - Science, Technology and Management - Challenges and Options**' on **08-11-2010** at KSCST, Indian Institute of Science, Bangalore with funding support from Department of Science and Technology, Govt. of India. The workshop would also include the participation of Scientists from Indian Institute of Science, academicians from Universities, representatives from premier water management organizations, NGO and administrators/policy makers from Government departments. The out comes of this deliberations would be sent to DST, GOI for evolving suitable R&D programmes under WAR for water programme.

The broad topics which will be covered in the workshop are: Overview of Water Cycle in India, S & T options for improving (i) Precipitation (ii) Infiltration / Percolation (iii) Runoff / Overland flow (iv) Storage of Surface water (v) Ground water recharge (vi) Evaporation / Evapo-transpiration (vii) Droughts and Flood management and (viii) Experiments in watershed management.