

Workshop on **Climate Change and Urbanization: Building Resilience in the Urban Water Sector**

December 16-17, 2019

Organized by

Dept. of Civil Engineering, College of Engineering (A), Osmania University, Hyderabad

Sponsored by

Scheme for Promotion of Academic and Research Collaboration (SPARC)

About the Workshop

The workshop is two days informative and interactive program providing an overall picture of the issues related to water management in Hyderabad Metropolitan. Unplanned growth, combined with inadequate management, the lackluster attitude of the administration and public towards water resources, have complicated the availability of potable water in Indian cities. Currently, most large cities are water-stressed and corrective measures need to be taken up immediately. Therefore, the objective of the workshop is to plan and develop a Climate Resilient Water Sensitive Urban Designs for the Indian Cities. Our current focus is Hyderabad Metropolitan. Day first is dedicated to understanding the current status and challenged faced in managing the water resources. In the second day, the focus would be on identifying tools, techniques and designs to make Hyderabad a water sustainable city.

Key Objectives

- To provide information on municipal water supply, extraction of groundwater, the extent of sewage water treatment and reasons for the flooding in the Hyderabad city.
- To understand the impact climate change on urban water supply.
- To provide an idea of urban water management through climate-resilient water sensitive urban design.
- To discuss various tools and techniques useful in managing urban water resources.

Target Audience and other information

- Post Graduates in Science (MSc) and Engineering (ME/ MTech)
- Research Scholars
- Faculty Members, Scientists and Professionals from Water Sector
- Environmentalists and Practitioners

Total no of seats: 25

- Participants are requested to make their travel and accommodation arrangements.
- Participants will be provided with course material, refreshments during the course, and course participation certificate.

Workshop Coordinators

Prof. M Gopal Naik (HoD DCE)
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Dr Harish Gupta

Contact Details

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Resource Persons

Prof. Srinivasulu Ale
(Foreign PI; Texas A&M University)
Prof. Fouad H. Jaber
(Foreign Co-PI; Texas A&M University)
Prof. M. Gopal Naik
(PI SPARC Project; DCE, UCE OU)
Dr Harish Gupta
(Co-PI SPARC Project; DCE, UCE OU)
Dr K. Shashikanth
(DCE, UCE OU)
Prof. K. Srinivas Raju
(BITS Hyderabad)
Prof. N.V. Umamahesh
(NIT Warangal)
Prof. M.V.S.S. Giridhar
(JNTU Hyderabad)
Dr V.V. Rao
(NRSC Hyderabad)
Dr P.N. Rao
(CGWB Hyderabad)
Mr. Hrishikesh Mahadev
(Industry Expert Hyderabad)
Mr. P. S. Reddy
(Industry Expert Hyderabad)
Mr. Shyam Prasad
(Industry Expert Bengaluru)

Registration Details

Registration Fee: Free for students; Professionals – ₹ 1000 (payable at the time of registration)

Link for online registration: (compulsory): <https://forms.gle/TbozcWT55mSRv9oWA>

Deadline: December 10, 2019