

**National Seminar on WORLD WATER DAY  
“Wastewater”**

**22<sup>nd</sup> March, 2017**

**Sponsored by  
Technical Education Quality Improvement  
Programme (TEQIP Phase-II)**

**REGISTRATION FORM**

**(Please mail the filled form to reach us on or before 20<sup>th</sup>  
March, 2017)**

Name: Prof/Dr/Mr/Mrs/Ms \_\_\_\_\_

Designation: \_\_\_\_\_

Name of the organization: \_\_\_\_\_

Address for Communication: \_\_\_\_\_

Tel: \_\_\_\_\_ E-mail: \_\_\_\_\_

This is to certify that Sri/Smt \_\_\_\_\_ is permitted to attend one-day National Seminar on World Water Day with the theme of “Wastewater” to be held on 22<sup>nd</sup> March, 2017 at Conference Hall, Department of Civil Engineering, UCE, O.U., Hyderabad.

Signature of the applicant \_\_\_\_\_ Signature of forwarding authority \_\_\_\_\_

Station: \_\_\_\_\_

Date: \_\_\_\_\_

**(Photocopies of this form may be used)**



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**WORLD WATER DAY 2017**

**National Seminar on**

**“WASTEWATER”**



**Sponsored by  
Technical Education Quality Improvement  
Programme (TEQIP PHASE-II)**

**On  
22<sup>nd</sup> March, 2017**



**Organized by  
Department of Civil Engineering  
University College of Engineering (A)  
Osmania University, Hyderabad-7**



## RESOURCE PERSONS

Eminent Faculty members from IIT's, IISc, NIT's and Field experts from consultancys will be invited as resource persons.

## PREAMBLE

Water has to be carefully managed during every part of the water cycle: from fresh water abstraction, pre-treatment, distribution, use, collection and post-treatment, to the use of treated wastewater and its ultimate return to the environment, ready to be abstracted to start the cycle again. Due to population growth, accelerated urbanisation and economic development, the quantity of wastewater generated and its overall pollution load are increasing globally.

However, wastewater management is being seriously neglected, and wastewater is grossly undervalued as a potentially affordable and sustainable source of water, energy, nutrients and other recoverable materials. It therefore needs to be seen as a resource, rather than a burden to be disposed of. There are many treatment processes and operational systems that will allow us to use wastewater to meet the growing water demand in growing cities, support sustainable agriculture, and enhance energy production and industrial development.

By 2030, global demand for water is expected to grow by 50%. Most of this demand will be in cities and will require new approaches to wastewater collection and management. Indeed, reused wastewater may help address other challenges including food production and industrial development. International World Water Day is celebrated every year on 22<sup>nd</sup> March as a means of focusing attention on the importance is about reducing and reusing wastewater. Sustainable Development requires to "improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally."

## OBJECTIVES

To commemorate the water day a National Seminar on "Wastewater" is being proposed. The aim of the seminar is meant to trigger a dialogue on Wastewater, identify stakeholders who could be actively involved, able to effectively treat the water and reuse.

Globally, the vast majority of all the wastewater from our homes, cities, industry and agriculture flows back to nature without being treated or reused – polluting the environment,

and losing valuable nutrients and other recoverable materials. Instead of wasting wastewater, we need to reduce and reuse it. In our homes, we can reuse greywater on our gardens and plots. In industry and agriculture, we can treat and recycle discharge for things like cooling systems and irrigation. By exploiting this valuable resource, we will make the water cycle work better for every living thing and it will help achieve the Sustainable Development. The opportunities from exploiting wastewater as a resource are enormous.

Safely managed wastewater is an affordable and sustainable source of water, energy, nutrients and other recoverable materials.

## ABOUT THE COLLEGE, UCE, O.U

The University College of Engineering (UCE) has the distinction of being the oldest and the biggest among the Engineering Colleges of the state of Andhra Pradesh. Established in the year 1929, eleven year after the formation of Osmania University, it was the 6<sup>th</sup> Engineering College to be established in the whole of British India. The college moved to its present permanent building in the year 1947. The college offers four year engineering degree courses leading to the award of Bachelor of Engineering (B.E) in Biomedical Engineering, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communications Engineering and Mechanical Engineering.

## ABOUT THE DEPARTMENT

Established in year 1929, the Department moved into the present majestic building in the year 1947 and successfully celebrated its Platinum Jubilee in 2004. Over the years, the Department grew from strength to strength and at present offers B.E. and M.E. & Ph.D. programmes in six specializations along with the UG programme. The Department has well qualified faculty with excellent state of the art Laboratory facilities which are put to optimum use in teaching, research and consultancy.

## PARTICIPANTS

Academicians, Researches, Consultants, Practicing Engineers, Administrators and Post-Graduate students of Civil Engineering, Agricultural Engineering background and allied fields are welcome. There is no registration fee. The workshop is offered to a limited no of participants on first come first served basis. No accommodation, TA/DA for attending the

workshop. Tea & snacks, working lunch and participation certificate will be provided.

## HOW TO APPLY

The filled in registration form may be sent to the Convener/Co-convener in person/by post/through Fax/e-mail. Spot Registration is also available.

## ADDRESS FOR COMMUNICATION

**Prof. M. Gopal Naik**

Convener,  
Department of Civil Engineering,  
University College of Engineering (Autonomous)  
Osmania University, Hyderabad- 500 007.  
Mobile:09490685098; 09989597500; 040 -27097125  
E-mail:worldwaterday2017@gmail.com;

Reporting Date & Time: **22<sup>nd</sup> March, 2017, 9.00 A.M.**

## VENUE

**Conference Hall,  
Department of Civil Engineering  
University College of Engineering (Autonomous)  
Osmania University, Hyderabad-500007**



**Water is Life  
&  
Clean Water Means Health**