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**Co-Chairman**  
**Dr. B. Venkateswara Rao**  
Director, IST, JNTUH

**Convener**  
**Dr. M. V. S. S. Giridhar**  
professor, CWR, IST, JNTUH

**Venue:**

Seminar Hall  
Ground floor  
New IST Building,  
J N T U Hyderabad,  
Kukatpally,  
Hyderabad -500 085  
Telangana State, INDIA



**6<sup>th</sup> NATIONAL CONFERENCE**  
**On**  
**WATER, ENVIRONMENT & SOCIETY**  
**(NCWES - 2019)**

**5-7 June 2019**  
**at Hyderabad, India**



**Organized by**  
**CENTRE FOR WATER RESOURCES**  
**INSTITUTE OF SCIENCE AND TECHNOLOGY**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**Kukatpally, Hyderabad -500 085**

About JNTUH, Hyderabad Jawaharlal Nehru Technological University (JNTU) was established in the year 1972 by the Government of Andhra Pradesh, India, with the primary objective of imparting high quality technical education and promoting applied research and consultancy. JNTU is one of the premier organizations in the country offering technological education. The university was divided into four universities in the year 2008 and now it is renamed as JNTUH at Kukatpally, Hyderabad. Apart from its four prestigious colleges at Hyderabad, Jagityal, Manthini and Sultanpur and more than 400 Engineering colleges are affiliated to J N T U Hyderabad.

About Centre For Water Resources The Centre for Water Resources (CWR), a constituent unit of IST, JNTU Hyderabad was established in the year 1984 by the University, and celebrated its silver jubilee during the academic year 2009-2010. It is the first of its kind in the Deccan Plateau of India to cater to the dire needs of manpower development in the problematic and thrust areas of water resources and their management. Since then, the Centre has completed several prestigious National and International research projects besides conducting a number of short-term courses, National and International conferences and consultancy assignments. In addition, the Centre is offering Master's and Doctoral Programmes in the field of Water and Environment. At present, the centre is funded by World Bank under TEQIP-II programme by Government of India. The centre is also recognized by Central Public Health and Environmental Engineering Organization, New Delhi.

Rain Water Harvesting System at JNTUH In its efforts towards sustainability, Centre for Water Resources of IST, JNTU Hyderabad has established a robust Rainwater Harvesting Systems in the campus. So far the Institute could establish a capability to harvest around 10 crore liters of rainwater every year. Dr.M.V.S.S.Giridhar championed the cause of Water Conservation and Awareness as Principal Investigator of Rainwater harvesting initiative in JNTUH. He has organized various Workshops, Conferences & Awareness programs across wide spectrum of stakeholders and has successfully completed numerous research works in the area of water resources. The present conference is also a step forward in nurturing research ideas in field of water resources and promoting its prominence in present society.

### Scientific & Advisory Committee

**Dr. C. Suvarna**

Comisioner of fisheries, Govt of Telangana

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**Dr. G.K. Viswanadh**

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**Dr. N.V. Umamahesh**

Prof., NIT, Warangal

**Dr. A. T. Jayaseelan**

Former Scientist-SG, NRSC, Hyderabad

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Prof., SVU, Tirupathi

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**Dr. A. Vasan**

Prof., BITS, Hyderabad

**Dr. G. Abbaiah**

Prof., JNTUK, Kakinada

**Dr. Pranab J Patar**

Chief Executive, Global Foundation for Advancement of Environment and Human Wellness

**Dr. Raghu Saxena**

CEO, Earthwatch Institute, India

**Surbhi Sharma**

Project Manager, EII, New Delhi

**Dr. W.G. Prasanna kumar**

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**Dr. K. V. Subba Rao**

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M.D, General Surgeon, Hyd

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Suptdg. Hydrogeologist, CGWB

**Dr. M. Gopal Naik**

Prof., & Head OUCE, Hyderabad

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Prof., OUCE, Hyderabad

**Dr. M. Viswanadhram**

Prof., Dept of CE, JNTUCEH, JNTUH

**Dr. S. Srinivasulu**

Prof., Dept of CE, JNTUCEH, JNTUH

**Prof. K. Mukkanti**

UGCBSR Faculty Fellow, CEN, IST

**Dr. K.B.V.N. Phanindra**

Asst. Prof., IIT, Hyd

**Dr. T. Shashidhar**

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**Dr. D. Neelima Satyam**

Assoc. Prof., IIT, Indore

**Dr. Basudev Biswal**

Asst. Prof., IIT, Hyderabad

**Dr. Shaik Rehana**

Asst. Prof., IIIT, Hyderabad

### Organizing Committee

**Dr. M. Anji Reddy**

Prof., CEN, IST, R&D Director, JNTUH, Hyd

**Dr. Ch. Sashikala**

Prof., Dept. of CEN, IST, JNTUH, Hyd.

**Dr. V. Himabindu**

Prof. & Head CEN, IST, JNTUH, Hyd

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**Mr. J. Venkatesh**

Assoc. Prof CSIT, IST, JNTUH, Hyd

**Dr. K. Venkateswar Rao**

Prof & Head CNST, IST, JNTUH, Hyd

**Dr. Ch. Shilpa Chakra**

Asst. Prof CNST, IST, JNTUH, Hyd

## Registration

### **Registration fee particulars for conference**

<b>Category</b>	<b>Paid before 1<sup>st</sup> May 2019</b>	<b>Paid after 1<sup>st</sup> May 2019 and spot registration</b>
Academicians and research scholars	Rs 2500/-	Rs 3000/-
Participants from Industries/ Organizations	Rs 3000/-	Rs 3500/-
UG/PG Students	Rs 1500/-	Rs 2000/-

**Mode of payment:** Registration fee should be paid in favour of *Organizing Secretary NCWES*, by demand draft payable at Hyderabad on all national / scheduled banks.

#### **Note:**

- It is advised to do advance registration for the conference to avoid last minute hassle.
- Registration fee covers a copy of proceedings, admission to all oral and poster presentations, exhibits, conference lunches, receptions and refreshment breaks.
- Accommodation will be provided in the University campus guest house/hotels for outstation participants on payment basis.
- No TA and DA will be provided for the participants for attending conference.

#### **Objectives:**

- To ensure the sustainable utilization of our country's natural resources with a concern and sensitivity for the resource dependency of the most economically deprived.
- To ensure that environment education and conservation awareness reaches every individual in the community.
- To share the experience of the academicians, scientists, engineers, NGOs, policy and decision makers throughout the nation in the field of water and environment.

## Themes of the conference

- Effect of Climate change on Water, Environment and its consequences
- Groundwater Exploration and Exploitation
- Advanced Irrigation management practices for agri. productivity
- Hydrologic Parameter Estimation and Modeling
- Hydropower Development & Environmental Issues
- Integrated Water Resources Management
- Environmental Impact Assessment
- Rainwater Harvesting, use and recharge
- Ground Water and its Management & Modeling
- Rehabilitation and Resettlement Problems
- Reservoir Sedimentation and Catchment Treatment
- Soil & Water Conservation Technologies for management
- Environmental risk assessment and mitigation
- Environmental modeling, simulation and optimization
- Computational methods in watershed hydrology
- Coastal water pollution and environmental management
- Cloud Seeding and its impact on environment
- Environmental Sanitation
- Environmental changes on agriculture productivity
- Participatory Irrigation Management
- Remote Sensing and GIS Applications in Water and Environmental Technologies
- Water Logging, Salinization and Conjunctive use
- Legislations in water and environmental sector
- Ecosystem degradation
- Atmospheric changes
- SDSS in integrated Water Resource Management(WRM)

**Scope of the Conference:**

The focus of the conference will be on the exchange of information, deliberations, cross fertilization of ideas and research outcomes so as to evolve ways and means to address the practical challenges encountered in all aspects of water and environment in the changing scenario and its effects on human health and society.

**Abstract Submission:**

Abstracts not exceeding 300 words on any of the aforesaid themes should be sent to the Convener of the conference through email at [ncwes2014@gmail.com](mailto:ncwes2014@gmail.com) on or before 1<sup>st</sup> April 2019. Intimation of acceptance of abstract will be within 48 hrs of submission time.

**Submission of Full Length Research Paper:**

Full length research paper, maximum in 8 pages should be submitted by 1<sup>st</sup> May 2019 through email at [ncwes2014@gmail.com](mailto:ncwes2014@gmail.com) as per ASCE Journal paper format Intimation of acceptance of full length paper will be within 48 hrs of submission time.

**Address for correspondence**

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**Convener - NCWES-2019,**

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Phone: 9440590695 (Mobile), 23157220(R)

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IST, JNTUH, HYDERABAD

**Registration Form**

**Title of the paper:**

\_\_\_\_\_

**Name (Mr/Ms/Dr):** \_\_\_\_\_

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

**Full Address:** \_\_\_\_\_

\_\_\_\_\_

**Cell No:** \_\_\_\_\_

**Email id:** \_\_\_\_\_

**Accommodation:** Required/Not Required

**Registration fee details:**

**Amount:** \_\_\_\_\_

**DD NO:** \_\_\_\_\_

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

**Bank Details:** \_\_\_\_\_

**Signature of the applicant**