

## GUIDELINES

All Paper submissions must represent original and unpublished work. Each paper will be peer reviewed by the Expert Committee. It should be typed in Double Column, Times New Roman, with 1.5 Line Spacing, Justified alignment & size 12. If the paper is accepted, at least one of the authors must register for the conference & present their work. Submissions should be limited to the conference themes.

## ELIGIBILITY

Students, Research Scholars, Professors and Industrialists are welcome to attend the conference.

## IMPORTANT DATES

Deadline for Submission : 14.3.2018

Intimation to Selected Candidates : 15.3.2018

**For Registration & Paper Submission :**

Use this link

<https://goo.gl/qM85pz>



For Other Details:

E-Mail to [cwraruvi2018@gmail.com](mailto:cwraruvi2018@gmail.com)

**Selected Papers will be published in the Conference Proceedings along with 3 Best paper awards.**

## FEE STRUCTURE

Member Types	Students - UG	Post Graduate /Research Scholars	Faculty/ Industrial Delegates
Fee Structure	500	750	1000

Non-Presenters and General Audience should pay a registration fee of Rs350/-

On spot registration is also available.

All participants will receive a conference kit along with Soft copy of Proceedings at the end of the session.

Lunch and Refreshments will be provided.

## MODE OF PAYMENT

All payments are to be made by Demand Draft/ Bankers Cheque / Online Transfer/ Deposit in favor of " **SOCIETY OF AGRICULTURAL AND IRRIGATION ENGINEERS** " payable at Chennai.

Particulars for bank transfer are as follows:

Bank : State Bank of India

Branch : Anna University

IFSC Code : SBIN0006463

Account No. : 30537761133

Address and Contact Details

Satish Kumar - 9514129468

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Centre for Water Resources

College of Engineering Guindy,  
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Chennai - 600 025



**CENTRE FOR WATER RESOURCES  
COLLEGE OF ENGINEERING GUINDY  
ANNA UNIVERSITY, CHENNAI -25**

**SOCIETY OF AGRICULTURAL &  
IRRIGATION ENGINEERS**



**GREENICS' 18**

presents

**ONE DAY**

**NATIONAL CONFERENCE**

ON

**"ADVANCEMENTS IN  
WATER RESOURCES &  
AGRICULTURAL ENGG."**

Date: 19th March 2018

9:30 am to 5:00 pm

Venue: Tag Auditorium, Anna University.



## ANNA UNIVERSITY

Anna University was established on 4th September, 1978. It offers higher education in Engineering, Technology, Architecture and Applied Sciences. The University was formed by integrating four well known technical institutions in the city of Madras (now Chennai) namely, College of Engineering (CEG) (Established in 1794), Alagappa College of Technology (ACT) (Established in 1944), Madras Institute of Technology (MIT) (Established in 1949) and School of Architecture & Planning (SAP) (Established in 1957). Out of the above four, CEG is in fact the oldest engineering institution in the country. It has an inexorable tradition in grooming the brightest minds of the nation into smart engineers and executives who can think on their feet. It has close ties to the industry, excellent research practices and multiple extra-curricular options which provides ample space for growth of individual student spirit and also promotes collaborative practices and team efforts too

## CENTRE FOR WATER RESOURCES

Centre for Water Resources (CWR) was established in May 1979 to pursue teaching, research, consultancy, and impart training programmes in Hydrology, Irrigation and Water quality and quantity Management. The centre is academically handling all the hydraulics and water related subjects to Under-Graduate classes. The centre also offers Post-Graduate program in (i) Hydrology and Water Resources Engineering (HWRE), (ii) Irrigation Water Management (IWM), and (iii) Integrated Water Resources Management (IWRM). In July 2006, CWR has started an Under-graduate course in Agriculture and Irrigation Engineering.

## SOCIETY OF AGRICULTURAL & IRRIGATION ENGINEERS

The Society of Agricultural and Irrigational Engineers (SAIE) was established in 2008 and inaugurated by Dr. M.S. Swaminathan (Father of India's Green Revolution), to aid in enlightening engineers in co-curricular activities and achieve solutions for problems in Agriculture and Water Resources. Its milestones are conducting (i) Weekly programs like guest lectures, career guidance and site visits etc., (ii) An intra-collegiate program "KRISHI" which provides opportunity for CEG students to show their intellectual talents by conducting various events, and (iii) A National level intercollegiate technical event called GREENICS, started in 2009.

## GREENICS 2018

GREENICS is a multi-objective event majorly concentrating in bringing about the conjunction between the industrial and research fields in Agriculture with Academics. Currently, GREENICS is in its 10th iteration being conducted on March 18th -20th 2018, facilitating Farmer's session & Expo - Seed Festival, 2+ Workshops, 10+ Events, Agricultural Hackathon and One National Level Conference on Water and Agriculture.

## CONFERENCE CONCEPT NOTE

GREENICS has become a conclave for widening the horizon by integrating the Water Resources management aspect of Agriculture by conducting a National Conference on "Advancements in Water Resources and Agricultural Engineering" aimed at bringing out the research work under Irrigation, Agriculture, and Water Resources Management topics.

உழுதுண்டு வாழ்வாரே வாழ்வார்மற் றெல்லாம் தொழுதுண்டு பின்செல்பவர்.

This Thirukural couplet meaning, "They alone live who live by agriculture; all others lead a cringing, dependent life." elucidates the respect given to farmers in Sangam Literature. Cut to the 21st century, there is an existential crisis for most of the farmers in Tamil Nadu. With Management of Water Resources being not that great, the situation is getting out of bounds. This Conference attempts to explore ideas through quality research presentation to solve real time problems in the above sectors.

## CONFERENCE THEMES

The topics to which research papers must adhere to are:

1. IOT-AI-BLOCKCHAIN application to Water resources and Agriculture
2. Innovative Farm Machinery and Agricultural Implements
3. Sustainable Agriculture by Precision Farming
4. Participatory Approach in Water Resources
5. Automation in Agriculture
6. Soil Management for Agricultural Practices
7. Surface and Ground Water Hydrology
8. Water Policies and Legal Issues in Water Sharing
9. System Analysis in Water Resources
10. Remote Sensing and GIS Application in Water and Agriculture
11. Impact of Climate Change on Irrigation and Environment
12. Water Quality Modeling for Agriculture