



# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

[www.sathyabama.ac.in](http://www.sathyabama.ac.in)

## BROCHURE KEY DEADLINES

Deadline of  
Abstracts:  
**November 20<sup>th</sup>, 2020**

Acceptance of  
Abstracts  
**November 22<sup>nd</sup>, 2020**

Full Paper  
Submission  
**December 02<sup>nd</sup>, 2020**

Submit your Abstract  
<https://tinyurl.com/y6ap88uh>

Last Date for  
Registration  
**December 01<sup>st</sup>, 2020**

Registration Link  
<https://tinyurl.com/y58erlgh>



VIRTUAL INTERNATIONAL CONFERENCE ON

## INNOVATIONS IN WATER RESOURCES AND WASTE MANAGEMENT **03-04 DECEMBER 2020** **( I W R W M - 2 0 2 0 )**

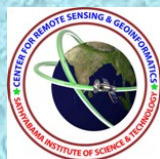


**Organized by**

**Centre for Remote Sensing and Geoinformatics**  
Col.Dr. Jeppiaar research park, Chennai, India

**In Association with**

**Faculty of Environmental Engineering,**  
**The University of Kitakyushu, Japan**  
**School of Applied Sciences,**  
**Mongolian University of Science and Technology, Mongolia**  
**Indian Society of Remote Sensing—Chennai Chapter, India**  
**and Federation of Indian Chambers of Commerce and**  
**Industry (FICCI)**



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**Dr. MARIE JOHNSON**  
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Vice-chancellor

**Sathyabama Institute of Science and Technology, India**

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**Dr. B. SHEELA RANI**  
Director (Research)

**Sathyabama Institute of Science and Technology, India**

## **ABOUT SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY**

Sathyabama Institute of Science and Technology formerly known as Sathyabama Engineering College was established in 1987 by Col. Dr.Jeppiaar. It is a premier institute imparting knowledge in the areas of engineering, science, technology and education. The institution's progress and contribution to the field of technical education for over two decades resulted in granting Deemed University status on 16th July, 2001. The Institute has been awarded as Category "A" by Ministry of Human Resources Development (MHRD), Government of India and accredited by NAAC with Grade "A" in 2017, certified with DNV-GL ISO 9001 standard and offering exemplary education during last 29 years. Sathyabama Institute of Science and Technology (Deemed to be University) offer 27 UG programmes level and 41 PG programmes in all disciplines. The Institute holds great promise to expand the applications of space technology, benefiting the common man and enriching the quality of life in association with Indian Space Research Organization (ISRO). We have written a special page in the history of space research on 22nd June, 2016 with the launch of "SATHYABAMASAT" in association with ISRO. The launch of "SATHYABAMASAT" and accolades received in world platforms is a specimen. National Institutional Ranking Framework, Ministry of Human Resource Development, Government of India has ranked SATHYABAMA at 37th position in Engineering category, 45th position in University category and this has been possible due to the untiring efforts of staff, students and management with positive academic ambience.

## **ABOUT THE CENTRE FOR REMOTE SENSING AND GEOINFORMATICS**

Centre for Remote Sensing and Geoinformatics (CRSG) is the first research centre and innovation centre managed by Sathyabama Institute of Science and Technology to focus on Advance Remote Sensing and GIS applications in interdisciplinary aspect. Centre has been established in 2004 as a joint initiative of Indian Space Research Organisation (ISRO) Government of India, Bangalore and Sathyabama Institute of Science and Technology, Chennai to fulfill the goal of establishing advanced centers in frontier areas of Science and Technology. To its credit CRSG was considered as a nodal centre for conducting Geospatial training programme supported by NRDMS-DST, New Delhi, IIRS-Dehradun and ISRO-NNRMS, Bangalore. CRSG plays a key role in interdisciplinary research and development through trainings/workshops and transfer of technology. Centre has successfully completed many nationally funded research projects, while some are still ongoing and few are initiated which are sponsored by various Agencies and research organizations like Department of Science and Technology (DST), Bharatiya Nabikiya Vidyut Nigam Ltd. (DAE-BHAVINI), National Institute of Wind Energy (NIWE), Science and Engineering Research Board (SERB), Indian Space Research Organisation (ISRO), and Ministry of Earth Sciences (MoES). Centre gathers and disseminates the knowledge to public in undertaking various application projects/training/seminars/workshops/conferences in the field of Geospatial Technologies.

## ABOUT IWRWM-2020

Water resources and wastewater play a vital role in our daily life. The water resources system is becoming complex and more challenging due to increasing demands and changing climates. Sustainable waste management, sanitation, and resources conservation are fundamental requirements of the nation. Thus, proper management of the available water resources (surface and groundwater), flood and drought controls, and improvement of water quality must be addressed in an advanced level of sustainable development of the environment. Various innovative techniques related to water resources management will be discussed for exchanging the knowledge and expertise to enrich the understanding in this field. Municipal Solid Waste (MSW) generation and its management issues are intensified by hasty population growth, economic development, and urbanization. Disposal of solid wastes is a widespread problem in both urban and rural areas in many developed and developing countries. Therefore, comprehensive solid waste management systems and practices also need to be discussed thoroughly. This conference aims to find solutions to these challenges of waste recycling and water resources. The objective of the conference is to provide a platform for scientists, researchers, practitioners across the globe to discuss and share their knowledge in the wide fields of waste recycling technology and water resource engineering towards sustainable developments.

## CALL FOR PAPERS

Researchers, Academicians, Scientists and Professionals are invited to present their original work, experience and innovations as a technical paper in the conference themes. The submitting papers should not have been presented /published before in any other national or international conference/ journal. **The abstract submissions can also be accepted by electronic e-mail attachment to nagamani@sathyabama.ac.in.** The abstract should not exceed 300 words. Submitted abstracts will be peer reviewed and authors of selected abstracts will be intimated / requested for submission of the full length paper. The accepted abstracts will be published in the conference proceedings with ISBN No. Official conference language is English. All papers visuals for presentations and other documents must be in English only.

**Only accepted full length papers from the conference will be published in Springer Scopus/WoS Indexed Journal with extra publications cost basis.**

## CALL FOR PAPERS

*Theme 1: Integrated Water Management*  
*Theme 2: Water Quality Modelling*  
*Theme 3: Floods and Droughts Management*  
*Theme 4: Urban Water Management*  
*Theme 5: Climate Change Impacts on Hydrology*  
*Theme 6: HEC-RAC, SWAT, MIKE, MODFLOW Models Applications*  
*Theme 7: Numerical Analysis in Water Resources Engineering*  
*Theme 8: Soft Computing Techniques and Applications in Water Resources*

*Theme 9: Remote Sensing / Geospatial Techniques in Water Resources and waste Management*  
*Theme 10: Waste management Technique and Sustainable Development*  
*Theme 11: E-Waste Recycling and Management*  
*Theme 12: Waste Water Recycling*  
*Theme 13: Industrial Waste Recycling*  
*Theme 14: Chemical Waste Recovery*  
*Theme 15: Food Waste Recycling*  
*Theme 16: Agriculture Waste Recycling*

## REGISTRATION FEES

| Category                                  | Registration Fees |
|-------------------------------------------|-------------------|
| Academicians/Scientists/Research Scholars | INR. 1000/-       |
| UG/PG Students                            | INR. 500/-        |

## Payment Account Details

Account No. 6569293542,

Bank: Indian Bank, Branch: Sathyabama University ,

IFSC Code: IDIB000S201,

Account holder: Director Research-Sathyabama Institute of Science and Technology,

It is mandatory to include candidate name, center, and purpose (Name of the Conf.)

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Recording

Speaker View

Nagamani K

Amgalan アマガラン

Packialakshmi Shan...

PRINCY JEAN

Melbin Robin

Dr Anoop Kumar M...

Sandelger Dörig...

Qiyam Maulana

Shrimathy Sunda...

Kamalanandhini M

Ariunaa Ganbat

Director (Research)

Dr Mohammd R...

Centre Head CR...

ROJA RAMAN M

XUEZHOU FAN

KHALIYAH SANI

Rekha

Peerawat Khong...

A.Amuthini Sam...

Huong Hoang

Mohammd Rafiq

Nandintsetseg N...

Dr.P.M.Velmuru...

Marykutty Abra...

Mute

Stop Video

Participants 25

Chat

Share Screen

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Leave

Participants (25)

Q Find a participant

DA

Dr Anoop Kumar Mishra

AS

A.Amuthini Sambhavi

AG

Ariunaa Ganbat

DM

Dr Mohammd Rafiq

D

Dr.P.M.Velmurugan

Kamalanandhini M

KS

KHALIYAH SANI

MA

Marykutty Abraham

MR

Mohammd Rafiq

Nandintsetseg Nymosor

PK

Peerawat Khongkliang

PJ

PRINCY JEAN

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Qiyam Maulana

Invite

Mute Me

Raise Hand

Chat





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Chennai  
Chapter



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Col.Dr.Jeppiaar Research Park

**Centre for Remote Sensing and Geoinformatics**

Virtual International Conference on

**Innovations in Water Resources and Waste Management**

(IWRWM-2020), 03<sup>rd</sup> -04<sup>th</sup> December, 2020

***Certificate of Contribution***

This is to certify that-----, of -----  
-----has participated/ presented a technical research article in the 2  
days Virtual International Conference on Innovations of Water Resources and Waste Management  
(IWRWM-2020) held during 3rd and 4th December, 2020.

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