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CONTACT

Dr. Manoj G. Tharian +919447704578

Dr. Aysha Zeneeb Majeed +919847858973

Email: gbserset@rajagiritech.edu.in

Website: <http://www.gbse-rajagiri.org>

RAJAGIRI

SCHOOL OF ENGINEERING & TECHNOLOGY

Rajagiri Valley, Kakkanad,

Kochi 682 039, Kerala, India

Tel: +91 484 2660999



INTERNATIONAL CONFERENCE ON GREEN BUILDINGS & SUSTAINABLE ENGINEERING GBSE 2018

Conference Theme: Transforming our Built Environment through Innovation and Integration towards a Smart and Sustainable Future

January 24 - 25, 2018

Organized by



RSET
RAJAGIRI SCHOOL OF
ENGINEERING & TECHNOLOGY



Research and Testing Centre for
Thermal Solar Systems (TZS)
Institute for Thermodynamics and
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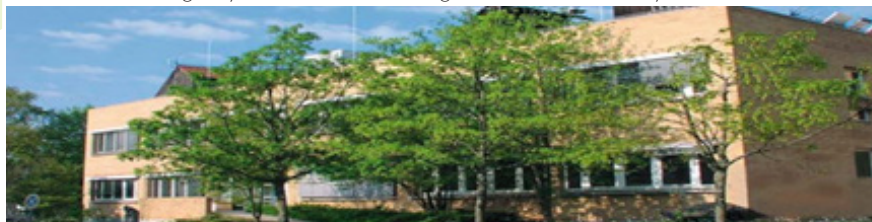
ABOUT THE CONFERENCE

The International Conference on Green Buildings and Sustainable Engineering (GBSE 2018) will bring together green building advocates, industry, policy-makers, architects and academicians from different parts of the world.

The Government of India is actively introducing programmes which promote green and smart technology through their Smart City Mission to improve the quality of urban living. The Government is encouraging industry, architects and service providers to adopt a green, smart and energy efficient technology. The Smart City Mission is an urban renewal and retrofitting programme by the Government of India with a mission to develop 100 cities, and make them sustainable and citizen friendly. The city of Kochi, located in the state of Kerala, is one among the 20 cities that have been shortlisted by the Government of India in the first phase of Smart City Mission. Building industry, city planners and architects play a leading role for the success of Smart City project. Kerala being an environmentally sensitive geographic state with resource deficiency, it is vital to promote the green building technology in strategic way. The energy performance of the building has been the primary focus in the green building concept, albeit water conservation and the use of sustainable materials require equal attention of research, development and implementation. The conference GBSE 2018 is an important step towards fulfilling the dream that one day we can live in a clean, healthy, and high quality environment, where cities, townships, and communities are built on the fundamentals of green buildings and sustainable engineering.



Rajagiri School of Engineering & Technology (RSET), Rajagiri School of Engineering & Technology (RSET) is a premier educational institution managed by the Sacred Heart Province of the Carmelites of Mary Immaculate (CMI). The institution is accredited by National Assessment and Accreditation Council, the accreditation agency for institutions of higher education in India and many of the programmes at RSET are accredited by the National Board of Accreditation, the accreditation agency for the Technical Programmes in the country.



Research and Testing Centre for Thermal Solar Systems (TZS) at the Institute of Thermodynamics and Thermal Engineering (ITW), University of Stuttgart, is the largest testing laboratory and the largest university based research centre for thermal solar systems in Europe. Key activities of ITW/TZS are related to testing and development of solar thermal components and systems such as solar collectors, solar energy stores and solar systems for domestic hot water preparation as well as space heating and cooling. Additionally ITW/TZS is developing, implementing and monitoring advanced energy supply concepts for urban districts based on solar district heating networks combined with seasonal energy storages. With regard to new and existing buildings, ITW/TZS is developing and optimizing advanced energy concepts aiming to cover a large share of the building's heating, cooling and electricity demand by solar energy.

Call for Papers

Prospective authors are invited to submit the abstracts via EasyChair Conference Management System: (<https://easychair.org/conferences/?conf=gbse2018>). Abstracts will be reviewed by the technical committee and the same will be notified. Once accepted, electronic paper submission via EasyChair requires a full paper of file size limited to 5MB, including figures and references. (with a limit of preferably six pages in length, though up to ten pages are acceptable) The papers will undergo a peer-review process, handled by a 3-tier committee. For further details, please visit: <http://www.gbse-rajagiri.org>

Conference Registration

Fill up the registration form provided in the website and email to gbserset@rajagiritech.edu.in (Use Paper ID as Subject of the Email) after submitting your camera ready paper and registration fee payment. Please expect to receive an e-mail confirmation within three to five business days of receipt of your form.

Mode of Payment

If an author has got more than one accepted papers, each paper has also to be registered. Payment Methods: NEFT/RTGS/ Net transfer/Demand draft. (No credit card payment method)

- If you are using NEFT/RTGS/ Net transfer, kindly ensure at least Paper ID is clearly mentioned in the Funds Transfer Application
- If you are using DD, kindly ensure that the Participant/Author name, Paper ID and Conference Title are clearly mentioned in the back side of the DD

Conference Tracks

- ❖ Green Buildings
- ❖ Smart Energy Systems
- ❖ Green Manufacturing & Materials
- ❖ Nanotechnology for Environmental Remediation and Protection
- ❖ Sustainable Energy Technologies
- ❖ Energy Storage Technology and Materials.
- ❖ Life Cycle Analysis and Sustainability Assessment of Materials and Products
- ❖ Recycling and Waste Management
- ❖ Security of Energy Supply
- ❖ Ecological Liveable Environment Construction
- ❖ Sustainable Traffic Solutions including e-mobility
- ❖ Effective Water Management Systems
- ❖ Sanitation and Waste Water Management
- ❖ Architectural Concepts for Smart Cities including Advanced Tools such as GIS
- ❖ Environmental Geotechnics
- ❖ Ground Improvement Techniques

Important Dates

Abstract submission: Oct 22, 2017
Paper submission deadline: Nov 7, 2017
Accepted paper notification: Nov 30, 2017
Camera ready submission deadline: Dec 20, 2017
Early bird registration: Dec 1 – 7, 2017
Regular registration deadline: Dec 31, 2017
Conference dates: Jan 24 – 25, 2018

Accepted papers to be published in

