

➤ INVITED SPEAKERS/ PANELLISTS

- Dr.-Ing. Harald Drück, Professor, Technische Universität Stuttgart
- Dr.-Ing. Varghese Panthaloorkaran, Professor, RSET
- Prof. Dr. Michael Pfeffer, Pro-Vice Chancellor, Ravensburg-Weingarten University, Germany
- Dr. Verghese Jacob, Chairman, STEAG Energy Services
- Dr. Seshu Bhagavathula, CTO, Ashok Leyland
- Mr. Paulouse Jacob, Former Pro Vice Chancellor, Cochin University of Science & Technology
- Mr. Selvarasu, Managing Director, LEAD Consultancy & Services
- Mr. Rajesh Muraleedharan, Director at Green India Renewables Pvt. Ltd.
- Dr. A. Saji Das, Managing Director, BIOTECH Renewable Energy
- Er. Jose Thomas, GM & Executive Assistant to MD, CIAL
- Mr. Rohan Kalani, COO, Maker Village
- Mr. Georgekutty Kariyanapally, Founder Chairman & Managing Director at Lifeway Solar Devices Pvt. Ltd
- Mr. Liju Vaidhyan, CTO, Futurtron Machines Pvt Ltd
- Mr. G. Naveen Balaji, IEEE Smart Grid & IEEE Smart City Community
- Mr. Atul Ram, CEO, Verdatum
- Mr. Rahul Sivan, CEO, ATWIC Research & Development Pvt. Ltd.
- Mr. Jaleesh P, Mechanical Head, Genrobotics
- Mr. Giby George, GJ Nature Care & Energy Pvt. Ltd.
- Mr. A. K. Abdula, Alcodex, Information Technology and Services for Smart cities
- Mr. Joakim Byström, Founder & CEO Absolicon Solar Concentrator

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INDO-GERMAN SUMMIT
February 19-20, 2019

In Connection with
GREEN BUILDINGS & SUSTAINABLE ENGINEERING GBSE2019



Theme: Ecotechnological and Digital Solutions for Smart Cities

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GREEN BUILDINGS & SUSTAINABLE ENGINEERING GBSE2019

About the conference

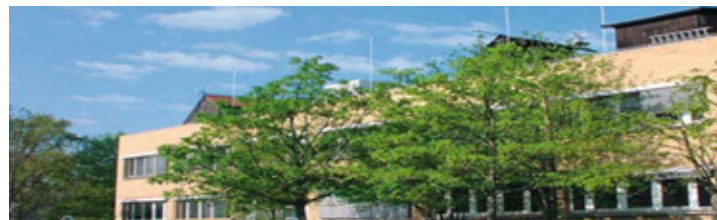
The Green Buildings and Sustainable Engineering 2019 (GBSE2019) will bring together green building advocates, industry, policy-makers, architects and academicians from different parts of the world.

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 Smart City Mission is an urban renewal and retrofitting programme by the Government of India aimed to develop 100 cities, that are sustainable and citizen friendly. 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 this Mission. Architects, city planners and construction industry play a leading role for the success of Smart City project. Kerala, with its environmentally sensitive geographic location and limited resources, needs to strategically promote the green building technology. The devastating mega-flood that the state of Kerala was subjected to in recent times calls for a careful design of the habitats. Energy efficiency of the building is the primary focus in the green building concept, albeit water conservation and the use of sustainable materials. They deserve equal attention through research, development and implementation. GBSE2019 is an important step towards fulfilling the dream of establishing cities of clean, healthy, and high quality environment, where townships and communities are built on the fundamentals of green buildings and sustainable engineering.



Rajagiri School of Engineering & Technology (RSET) is a premier Educational institution which bears the traditional Rajagiri hallmark of academic brilliance and social commitment. RSET has successfully carved a niche for itself in the sphere of Engineering Education and Research in the state within a very short span of its existence in 2001. The institution is accredited by National Assessment and Accreditation Council, the accreditation agency for institutions of higher education in India, at A grade. All the eligible engineering education programs of RSET is also accredited by the National Board of Accreditation, India. RSET has an elaborate framework for engineering research coordinated under Rajagiri Research and Consultancy Center (RRCC), which is an umbrella body of multi-disciplinary and disciplinary research groups engaged in the research and development of cutting-edge engineering and technology solutions. Rajagiri Institute of Future Technologies (RIoFT) houses different Centers of Excellences (CoEs) sponsored by relevant industries, including NeST CoE in Internet of Things, catering to the smart aspects of Smart Cities and STEAG CoE in Smart City Technologies, catering to the sustainability aspects of Smart Cities. GBSE2019 is jointly organized by these two CoEs of the RIoFT from RSET side.



Institute for Building Energetics, Thermotechnology and Energy Storage (IGTE), University of Stuttgart, is a new Institute of University of Stuttgart, Germany which born out of merging Institute for Building Energetics (IGE), Institute of Thermodynamics and Thermal Engineering (ITW) with its Research and Testing Centre for Thermal Solar Systems (TZS), which is the largest testing laboratory and the largest university-based research center for thermal solar systems in Europe and the Institute for Energy Storage (IES) in 2018. Combining the expertise of these three institutes, IGTE thus creates a broad research center in order to meet the significant challenges and multi-faceted, exciting issues of today and the future - not only in research and teaching, but also in technology transfer within these areas. IGTE strengthens the leading position of the University of Stuttgart on Energy technology within the fields of Building Energetics, District solutions, HVAC systems and Energy storages. Smart City Technologies is at the heart of the concerns of this new Institute.

Indo-German Summit

Indo-German Summit on Ecotechnological and Digital Solutions for Smart Cities is organised at Rajagiri School of Engineering & Technology in connection with the International Conference on Green Building and Sustainable Engineering (GBSE2019).

The Indo German Summit is one of the highlights of the of the GBSE 2019, where most of the renowned industries, academicians and startups are invited to share their experience in the construction of smart cities.

Topics presented include:

- IoT Solutions for smart Cities
- Solar Energy Solutions for Smart Cities
- Autonomous Transportation for Smart Cities
- Startups role in smart Cities

Goals

- Draft policies in regard to Smart and Sustainable habitat
- Initiate a Curriculum for Smart City Development
- Networking platform for Industry and Academia in Smart City, Kochi.

The summit provides a high-level dialogue platform for mayors and city leaders, in which city decision makers are gathered to exchange opinions on smart city governance, innovative strategies and vision on developments. Eminent academicians and experts from German Universities, Government & Non-Government Organizations and Indo-German Chamber of Commerce will be attending this event. An exposition of Smart & Sustainable products catering to the needs of smart habitats is also arranged. This flagship event will be a one-stop shop for stakeholders..

Sustainable cities and communities have shown that urban environment and service quality is the core of human life. Every city leader aims to achieve safe, resilient and sustainable cities. The summit also discovers the wide variety of startups that will be sharing their innovative smart city projects and solutions at the event. Sustainable cities and communities have shown that urban environment and service quality is the core of human life. Every city leader aims to to achieve safe, resilient and sustainable cities. The summit also discovers the wide variety of startups that will be sharing their innovative smart city projects and solutions at the event.

Date : 19th & 20th February, 2019

Venue : Rajagiri School of Engg & Technology, Kochi

Registration Fee : ₹1500/-

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Proceedings of GBSE2018 : <https://link.springer.com/book/10.1007/978-981-13-1202-1>