

MES - AIT COLLABORATIVE INTERNATIONAL RESEARCH WORKSHOP

Green Energy for Sustainable Development
of Kerala - Exploring Opportunities and
Challenges for Transition

Venue

MES College of Engineering
Kuttippuram

MES COLLEGE OF
ENGINEERING
KUTTIPPURAM

www.mesce.ac.in

2019

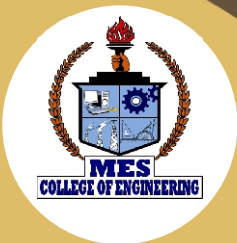
22nd & 23rd
March

ASIAN INSTITUTE
OF TECHNOLOGY
BANGKOK

www.ait.ac.th

MES COLLEGE OF ENGINEERING (MESCE)

MES College of Engineering Kuttippuram, situated on the beautiful and serene bank of Nila or Bharathapuzha and promoted by Muslim Educational Society (MES) is the first Engineering College established under self-financing sector in the state of Kerala, India. MES is running around 150 educational institutions including 10 professional colleges in Kerala. MESCE was set up as an institution with minority status in the year 1994; widely acknowledged as one of the premier institutions imparting technical education in the state. The college offers admission to all categories of students with special consideration to educationally backward communities. At present there are eight undergraduate programmes including B.Arch and several post graduate programmes viz; five M.Tech programmes, MCA, MBA and M.Arch. Nearly 3000 students study in the institution under the guidance of over 240 faculty members and research guides. The institution has completed 25 years of existence and is currently celebrating its silver Jubilee. As part of the celebrations the institution is organizing various programs in partnership with various national and international organizations.





ASIAN INSTITUTE OF TECHNOLOGY (AIT)

The Asian Institute of Technology (AIT) located north of Bangkok, Thailand is a leading international postgraduate institute which specializes in engineering, management, advanced technologies, environment, resources and development.

Founded in 1959, the aim of the institution is to "promote technological change and sustainable development" in the Asia-Pacific region through higher education, research, outreach and training. AIT's academic programs have been rated globally and regionally. U-Multirank 2018 rankings compared 1,614 universities from 95 countries. AIT is the only university in Asia to be ranked at the global top in international orientation. In addition, AIT received an Excellent "A" score (topmost) in the teaching and learning component (for graduating in time, student mobility, etc), in the research component (for faculty research publication (size normalized), international joint publications, and external research income), and in the knowledge transfer component (for income from continuous professional development, income from private sources, and graduate companies). AIT's Energy Program has been recognized by the Thailand Research Foundation as the number one university program in the country in terms of research impact. AIT's 23,000-plus graduates are a who's who of success stories in both the public and private sectors in more than half the world's countries.



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INTERNATIONAL RESEARCH WORKSHOP
ON
GREEN ENERGY FOR SUSTAINABLE DEVELOPMENT
OF KERALA - Exploring Opportunities and
Challenges for Transition
22nd & 23rd March, 2019

Name of the Participant:.....

Age:.....Department:.....

Designation:.....

Institute Name & Address:.....

E-mail ID:.....

Phone No:.....

Mob:.....

Completed registration form may be mailed to:
mesait@mesce.ac.in

(On or before 20th March, 2019)

Registration Fee:

Academician / Industry : ₹ 500, Research Scholar : ₹ 300

Contact: SAJEER KARATTIL

Asst. Professor (Dept. Of CSE)

Phone: +91 9895 217 392



MES Centre for
Research On Energy
And Environment



MES Centre for Big Data
Analytics and High
Performance Computing

SCHEDULE

22nd & 23rd March 2019
9:30am to 5:30pm

PROGRAMME OBJECTIVES

- ✍ Help the participants to understand the relevance of smart grid/microgrid, its potential and its challenges.
- ✍ Enable them to play a critical role in the Smart Grid development of their respective organization/community.
- ✍ Provides the participants a platform for peer-to-peer technology discussions with experienced industry experts.

ABOUT THE WORKSHOP

The MESCE has recently initiated a few activities in collaboration with Asian Institute of Technology, Bangkok to promote sustainable development in the Asia Pacific region. This workshop is launched as the silver jubilee flagship event contributing to the sustainable growth of Kerala. The various themes and activities pertaining to the growth of Kerala have been included for panel discussion and subsequent formulation of an Action Plan.

COURSE CONTENTS

- ✍ Energy Technologies for Sustainable Development.
- ✍ Smart Grid – IoT for Energy Management
- ✍ Sustainable Village Electrification.
- ✍ Panel Discussion.

WORKSHOP SPONSORS



ZETA



ENERGY
MANAGEMENT
CENTRE KERALA



WHO SHOULD ATTEND?

This Workshop would be useful for professional development of young engineering faculty members, researchers and practicing engineers who are interested/working in the area. A certificate of participation will be provided to all participants.

INTERNATIONAL RESOURCE PERSONS

Prof. S. Kumar (Vice President, AIT)
Sustainable Village (small community) electrification by PV: Examples from SE Asia

Dr. P. Abdul Salam (Head, Energy, AIT)
Biomass Conversion Technologies

Prof. Joyashree Roy (Chair Professor, AIT)
Transition perspective as envisaged in IPCC 1.5 Report and evidences of challenges and opportunities for India