



iCEE2K19

The most crucial issues in the contemporary world are energy and environment. T.K.M. College of Arts and Science aims to focus on the issues by hosting an International Conference on Energy and Environment from December 12th to 14th 2019 under the aegis of the Departments of Chemistry, Physics and Mathematics.

The theme of the conference is 'Energy and Environment'. The aim of iCEE 2019 is to provide a platform for researchers, faculties, engineers, academicians, technologists, scientists, industrialists, environmentalists, and experts to showcase their novel research in the field of Energy and Environment. The conference has special thematic sections on the recent advances in interdisciplinary research on the generation, storage, conversion and efficient utilization of energy. The conference also aims to highlight the role of biomaterials and advanced nanomaterials for the control and prevention of pollution.

iCEE 2019 will provide an excellent platform to exchange ideas with the leading experts across the globe. The scientific sessions of this conference will have specific plenary and invited lectures, overviews, state of the art lectures and interactive education sessions, featured symposia, breakout sessions, oral and poster presentation sessions. iCEE2K19 aims to provide opportunities for delegates to exchange new ideas and to create an environment for collaborative endeavors in emerging areas of interdisciplinary research and to find global partners for future collaboration. Eminent scholars from around the globe will present their research on modern technologies, generate awareness on the current research in various fields of advanced materials and provide solutions for sustainable development. Our endeavor is to provide a stimulating and thought-provoking scientific session.

ABOUT THE INSTITUTION

T.K.M. College of Arts and Science, established in 1965 by Janab Thangal Kunju Musaliar, is an acclaimed citadel of learning in the city of Kollam. The institute is affiliated to the University of Kerala and is accredited by NAAC. T.K.M. College of Arts and Science is one among the top 100 institutions in India with 80th rank in NIRF, under ministry of HRD, Govt. of India.

The institute offers ten Undergraduate and six Post Graduate programmes under the regular scheme. There are three approved Research centres functioning in the institution. Many eminent scientists from India and abroad, including Nobel laureate Prof. Ei-ichi Negishi, have visited T.K.M. College of Arts & Science and delivered lectures on different occasions.

THEME AND SUBTHEME			
Renewable Energy (RE) Solar cell materials and solar cell technology Hybrid energy systems Solar thermal applications Nanotechnology applications to RE Hydroelectric, geothermal, tides and waves Integrated energy systems Renewable power generation	Advanced Technologies Energy issues Advances in sustainable energy Energy efficient devices Sensing and storage devices Modelling and simulation Biomass conversions Computational studies Modelling and simulation Electricity from waste High voltage engineering Non-renewable energy Smart grids Superconductors	Photocatalysis Electrocatalysis Nanophotonics Nanoelectronics nanofluids Nano-porous materials Nanomaterial toxicity Nanodevices Application of nanomaterials Bio-nanocomposites Organic-Inorganic hybrids Supramolecules Meta materials Smart materials	Applied materials and interfaces Thin film Applications
Fuels and Combustion Hydrogen energy Fuel cells Batteries Hybrid and electric vehicles Bio-diesel fuels Fuel additives Alternative fuels Industrial emissions and their control Water splitting Green energy Energy resources Air-Liquid energies Low carbon transportation	Advanced Functional Materials Nanoscience and nanotechnology 0D, 1D, 2D and 3D nanomaterials Electronic and magnetic Materials Polymeric nanoparticles Biomaterials Characterization of nanomaterials Nanocomposites	Thin Films Coatings Thin film preparation Functional surfaces Surface engineering Applied surface science Surface science in energy conversion and storage Surface characterization tools	Sustainable Environment Environment impact assessment Environmentally-friendly materials Ecology and biodiversity conservation Environmental pollution & management Climate change and global warming Remote sensing and environment Waste recycling/management Carbon emission and control Pollution control and management Sustainable agriculture Sustainable chemical processes Sustainable building materials Biotech for sustainability Ecological sustainability Artificial photosynthesis Green agricultural technology Environmental protection

ORGANIZING COMMITTEE

Chief Patron
Dr. T.K. Shahal Hassan Musaliar,
President, TKM College Trust

Patrons
Jb.T.K. Jalaluddin Musaliar,
Chairman, DST-FIST Committee
Jb. T.K. Jamaluddin Musaliar
Dr. M.Haroon

Chairperson
Dr. Smitha P.G., *Principal*

Conference Advisor
Prof. Hashimudeen. A., *Former Principal*

Conference Chair
Dr. Anas Shereef., *Head, Dept. of Chemistry*

Co-Chairs
Prof. Narayana Prasad M., *Head, Dept. of Mathematics*
Prof. N.K. Sajna., *Head, Dept. of Physics*

Conveners
Dr. P.K. Manoj
Dr. Sumalekshmy S
Prof. Adersh V.K
Prof. Aparna L.R
Dr. Mohamed Musthafa. K

Advisory Committee
Prof. Yamaguchi, *Tokyo Tech, Japan*
Dr. Min Jae Ko, *Hanyang University, South Korea*
Dr. Balagopal, *Noritake, Japan*
Dr. Tiezheng Tong, *Colarado State University, USA*
Prof. Suresh C Pillai, *Institute of Technology Sligo, Ireland*
Dr. Mangalraja, *University of Concepcion, Chile*
Dr. GM Anil Kumar, *TokioTech, Japan*
Dr. Daniel Fingkelstein Shapiro, *Arizona State University, USA*
Dr. Kevin Schwartzenberg, *Trade water Industry, USA*
Dr. Almas Jalilov, *KFUPM, KSA*
Dr Jipeng Cheng, *Zhejiang University, China*
Dr. Jin Song Wu, *Northwestern University, USA*
Dr.Syed G. Dastager, *CSIR-NCL, India*
Dr. Shajesh, *Jain University, India*
Dr. Hareesh, *NIIST, India*
Dr. Ashutosh Kumar Mishra, *IIT Kanpur, India*
Dr. K P Surendran, *NIIST, India*
Dr. KGK Warriar, *Ceramic Consultant, India*
Dr. Dalia Vishnudasan, *Amrita Vishwavidyapeetham, India*
Dr. K G Gopchandran, *University of Kerala, India*

EXPECTED SPEAKERS

Prof. Takeo Yamaguchi *Tokyo Institute of Technology, Japan*
Dr. Takanori Tamaki *Tokyo Institute of Technology, Japan*
Prof. Hideto Imai *NISSAN ARC Ltd., Japan.*
Prof. Rajan Jose *Faculty of Industrial Sciences & Technology , Malaysia.*
Prof. Paula M Vilarinho *University of Aveiro, Portugal*
Prof. Heli Jantunum *University of Oulu, Finland*
Dr. Gopinathan M. Anil kumar *Noritake Co., Ltd, Japan*
Prof. Suresh C. Pillai *Institute of Technology Sligo, Ireland.*
Dr. Lav R. Khot *Washington State University, USA*
Dr. Sindhuja Sankaran *Washington State University, USA*
Dr. Mahesh Hariharan *IISER, Trivandrum, India*
Dr. Shajesh P. *CNMS Jain Global Campus, Bangalore, India*
Dr. Sudarshan Kumar K *Indian Institute of Technology, Guwahati, India*
Dr. Pramod Pillai *IISER, Pune, India*
Dr. Sujatha Devi. P *NIIST, Trivandrum, India*
Dr. KGK Warriar *NIIST, Thiruvananthapuram*
Dr. Suraj Soman *NIIST , Trivandrum, India*
Dr. Bibin John *Vikram Sarabhai Space Centre, Kerala, India.*
Dr. Baiju Vijayan *University of Kannur, India*
Dr. Manfredi Saeli *Università degli Studi di Palermo, Italy.*
Dr. Dalia Vishnudasan *Amrita Vishwa Vidyapeedam, India*
Dr. Prakash P Neelakandan *Institute of Nano Science and Technology (INST) Mohali, India*

IMPORTANT DATES	
Abstract submission	Up to 1st October, 2019
Paper acceptance intimation	10th October, 2019
Full Paper submission	Up to 30th October, 2019
Early Bird registration	Up to 15th November, 2019
Conference Days	12th to 14th December, 2019

REGISTRATION			
Type	Category	Before 15 th November, 2019	After 15 th November, 2019
Indian (INR)	Research Scholars	2000	2500
	Faculty	2500	3000
	Industry Delegate	3000	4000
Foreign (INR)	Academic Groups (4 People)	7000	10000
	Research Scholars	7000	8000
	Faculty	8000	9000
	Industry Delegate	10000	11000

(Registration Fee Includes Conference Kit, Lunch, Tea, Publication)

CONTACT DETAILS

Mobile :
+91 9447926654
+91 9495902021

Email :
icee2k19@gmail.com

Website :
http://icee2k19.org/



T.K.M. COLLEGE OF ARTS & SCIENCE
KOLLAM, KERALA - 691 005
Tel : 0474-2712240, 2711817
icee2k19@gmail.com | www.tkmcas.ac.in

