



27-28 MARCH 2020

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INTERNATIONAL CONFERENCE ON POWER, ENERGY, CONTROL, SIGNALS & SYSTEMS (IPECS 2020)

Organized by

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING (Accredited by NBA)
TKM COLLEGE OF ENGINEERING,
KOLLAM, INDIA - 691005 (Accredited by NAAC with 'A' grade)

Sponsored by TEQIP II

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ABOUT THE COLLEGE AND THE DEPARTMENT

T K M College of Engineering, the first Government- aided Engineering college in Kerala accredited by NAAC with 'A' grade and all UG Programmes accredited by NBA. The college is the first and foremost institution for technical education, run by the T K M College Trust, headed by Janab Shahal Hassan Musaliar and is now a renowned technical institution in India. The college is affiliated to the APJ Abdul Kalam Technological University and is approved by the All India Council for Technical Education (AICTE), New Delhi.

The Department of Electrical and Electronics Engineering, TKMCE, Kollam was started in the year 1958 and right from the beginning, the department has been rated very high performance in academic circles. The graduates from this department include many renowned technocrats, academicians and researchers, working all over the world.

ABOUT THE CONFERENCE

The International Conference on Power, Energy, Control, and Signals and Systems (IPECS2020) is the platform which brings together leading academic scientists, researchers, professional engineers and student scholars to exchange and share their ideas, experiences and research results on all aspects of Power & Energy Systems, Signals and Control. It also provides a premier interdisciplinary arena for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered as well as solutions adopted in the fields of Electrical Engineering.

CALL FOR PAPERS

The Organizing Committee of IPECS2020 invites scholars across the globe to submit the outcomes of their research for consideration to be presented at the conference. Authors who wish to contribute to the conference are solicited to submit their manuscripts that illustrate research results, projects, reviews, concepts and applications addressing state-of-the-art research and development in all areas related to Power, Energy Systems, Signals and Control. The topics include, but not limited to

ABOUT KOLLAM

The college is located in a serene atmosphere at Karicode, 6km from Kollam city, along the Kollam-Madurai National Highway 744. Kollam is well connected to all cities in India by road as well as rail. The nearest airport is Trivandrum International Airport, which is 65km along the National Highway 66. Cochin International Airport is 150km from the college. Places of tourist interest near Kollam are the famous Kovalam Beach (70km), Varkala beach (40km), Ponmudi Hill Resort (70km) and Kanyakumari (150km).

POWER AND ENERGY

- Power Generation, Transmission & Distribution
- Green and Renewable Energy technologies
- Optimization Techniques in Electrical Systems
- Efficient Energy Utilization
- High Voltage Engineering, HVDC-FACTS
- Energy Auditing
- Switching Circuits & Power Converters and Modeling
- Power Electronic Controllers for Power Systems
- Power System Monitoring, Control and Protection
- Low Voltage DC Systems, Smart Grids, Micro Grids & Distributed Generation
- Control Communication and Monitoring of Smart Grid
- Energy Storage System
- Electrical Machines Design
- Electric and Hybrid Vehicles
- Drives and Controls, Industrial Electronics

CONTROL

- Control System Modeling
- Identification and Estimation
- Meta-heuristics methods in Control
- Intelligent Control, Neuro-Control, Fuzzy Control & their Applications
- Game Theory
- Control & Intelligent Sensors
- Modeling and Simulation Techniques
- Control of Biological and Bionics Systems
- Modern Control Systems and their Applications
- Linear & Nonlinear Control
- Iterative Learning Control
- Model-Predictive Control
- Measurement-Data Acquisition
- Process Control and Instrumentation
- Robot Design, Development and Control

SIGNALS AND SYSTEMS

- Big Data and Multimedia
- MIMO and Array Signal Processing
- Instrumentation and Measurements
- Biomedical Signal Processing & Instrumentation
- Computational Systems, Modeling and Simulation
- Signal Detection and Parameter Estimation Signal, Image and Video Processing
- Speech and Audio Processing
- Adaptive Signal Processing and Systems
- Statistical Signal Processing
- Design and Implementation of Signal Processing Systems (Embedded Systems, DSP, ASIC, VLSI and FPGA)
- Feature extraction, Data classification & Pattern recognition
- Object Extraction, Object detection & Localization
- Neural Networks, Fuzzy and Neuro-fuzzy

PAPER SUBMISSION

- Submissions for the main conference must be made online through EasyChair following the submission link: <https://easychair.org/conferences/?conf=ipecs2020>
- Please visit our website for paper template and preparation guidelines.

IMPORTANT DATES

Paper Submission Deadline	25 Jan 2020
Paper Acceptance Notification	15 Feb 2020
Registration & Camera Ready Paper Submission	29 Feb 2020
Conference	27, 28 Mar 2020

PUBLICATIONS

All the accepted and presented papers will be submitted for publication in any of the following journals based on author's choice

Category 1 : UGC Indexed Journal

INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY AND ELECTRICAL ENGINEERING (ITEE) ISSN:2306 708X

Classified under Group B, C & D in UGC CARE list in Science Category Sr. No. 163

<https://ugccare.unipune.ac.in>

Category 2 : Scopus Indexed Journal

INTERNATIONAL JOURNAL OF ENGINEERING AND ADVANCED TECHNOLOGY (IJEAT) ISSN:2249-8958

<https://www.scopus.com/sourceid/21100899502>



Scopus



WEB OF SCIENCE

REGISTRATION

The registration fee are as follows:

	CATEGORY 1		CATEGORY 2	
	NATIONAL	INTERNATIONAL	NATIONAL	INTERNATIONAL
STUDENT / RESEARCH SCHOLAR	Rs. 4000	150 USD	Rs. 7500	250 USD
FACULTY / INDUSTRY	Rs. 5000	200 USD	Rs. 8500	400 USD

CONFERENCE COMMITTEE

CONFERENCE CONVENERS

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