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INTERNATIONAL CONFERENCE ON INNOVATIONS IN SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT

ICISTS D 2020

NOVEMBER
23 - 24, 2020

Organised by
Department of Computer Science and Engineering
&
Department of Mechanical Engineering



College of Engineering Perumon

(Under CAPE, Government of Kerala)
Kollam, Kerala, India

INSTITUTION

College of Engineering Perumon was established in the year 2000 under the Co-operative Academy of Professional Education (CAPE), Govt. of Kerala. The college has registered speedy progress since then and it offers five undergraduate programmes (ME, EEE, ECE, CSE, and IT) and a postgraduate programme (CSE) in affiliation with APJ Abdul Kalam Technological University (KTU). The college has attained ISO 9001:2015 certification and two undergraduate programmes (EEE and ECE) got accredited by NBA. The college has a distinctive academic stature in the arena of engineering institutions in the state.

DEPARTMENTS

The Department of Computer Science and Engineering were established in the year 2000 offering four year B.Tech programme in Computer Science and Engineering and M.Tech programme in Computer and Information Science commenced in the year 2011. The major strength of the department is highly qualified and experienced faculty with specialization in main areas of Computer Science and Information Technology. State-of-the art facilities are available in all the labs to train the students capable of meeting the requirements of present and future.

The Department of Mechanical Engineering was established in the year 2011 offering B.Tech programme in Mechanical Engineering. With a right blend of theory and practice, this programme has well laid itself as a prominent option for students. The department has a team of well qualified and experienced faculty in all streams of mechanical engineering who always stride for imparting quality education. State-of-the-art laboratories in the department help to mould engineering graduates as per the curriculum requirements. The department is continuously striving to achieve excellence in mechanical engineering education and research with service to the society.

ABOUT THE CONFERENCE

The conference provides a platform for the academicians and the practitioners where they can share knowledge and experience and discuss new ideas on the traditional as well as contemporary topics in science and technology through presentation of research papers, panel discussions, and informal interactions. Since the conference will be a congregation of academicians, practitioners, and doctoral students, both theories and practices are expected to get due prominence and complement each other during the course of the conference

CONFERENCE THEMES

Track 1 Mechanical Engineering

- Thermal Engineering
- Design Engineering
- Production Engineering
- Industrial Engineering

Track 2 Computer Science and Engineering

- Computer Networks
- Data Analytics
- Artificial Intelligence and Soft Computing
- Internet of Things

Track 3 Civil Engineering

- Structural Engineering
- Transportation Engineering
- Environmental and Geotechnical Engineering
- Construction Engineering and Management

Track 4 Electrical and Electronics Engineering

- Power Electronics and Drives
- Power System
- Control and Instrumentation
- Electrical Machines

Track 5 Electronics and Communication Engineering

- VLSI and Embedded Systems
- Signal Processing
- Communication Engineering
- Sensor System Technology

Track 6 Applied Sciences and Social Sciences

- Material Sciences
- Nanotechnology
- Photonics and Optoelectronics
- Economics and Statistics
- Technology Management
- Biotechnology and Bioinformatics

CALL FOR PAPERS

The organizing committee of ICISTSD 2020 invites researchers, practitioners and students worldwide to submit the outcomes of their research for consideration to be presented at the conference. The 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 of science and technology.

Online paper presentation is also permitted in the conference. All accepted and presented papers will be published in the conference proceedings. Authors can also opt for publication in the

- International Journal of Engineering and Advanced Technology (IJEAT).
- International Journal of Research and Analytical Reviews (IJRAR).

Authors can submit their papers to icistsd2020@gmail.com for review. Paper template can be downloaded from <http://icistsd.perumonec.ac.in/>

All papers will be reviewed and evaluated based on originality and contributions. Acceptance of paper will be communicated to authors by email.

IMPORTANT DATES

Paper submission : September 30, 2020

Acceptance notification : October 20, 2020

Final paper submission : November 10, 2020

Conference dates : November 23 – 24, 2020

REGISTRATION DETAILS

It is mandatory that at least one author of all accepted paper should register for the conference.

Author	Registration Fee
UG-PG Students	1000
Research Scholars	1250
Academic/Govt./R & D Organisations	1500
Industry	1750
Co-Author(s) and Delegates	1000

* Article processing charge for journals will be extra