

where quality and ethics matter Celebrating Academic Excellence

Madurai - 15



ICEMCE-2023

International Conference on Energy, Materials and **Communication Engineering - 2023**

14 & 15 December 2023



Organized by Departments of **Electrical and Electronics Engineering Electronics and Communication Engineering** and Physics Thiagarajar College of Engineering Madurai - 625 015, Tamilnadu, India

Accepted papers will be submitted for inclusion in IEEE Valo

engineers, researchers, and subject matter experts from several colleges/universities, industries, and government organizations across India and the world. Energy is one of the essential components needed for the economic growth of a nation. The traditional electric grid has been transformed into a smart grid by embedding advanced communication protocols and network security. Power systems, power electronics, electrical machines, instrumentation, and control are subsets of energy. As we are moving towards Industry 4.0, it is essential to know about the moderntechnologies involved in communication, manufacturing, product development, and customer services such as the Internet of Things (IoT), advanced human-machine interface, smart sensors, cyber-physical systems, and big data analytics. Communication technologies such as 5G, wireless networks, energy-efficient communication, and visible light communication are being widely researched. In recent years, intensive research has taken place in several types of materials such as smart materials, semiconducting materials, metamaterials, and nanomaterials. Also, now since everything almost is based on data, the application of data analytics and artificial intelligence is diversified in all fields of research and engineering.

Manuscript Submission

The paper should be submitted through Microsoft CMT system https://cmt3.research.microsoft.com/ICEMCE2023 Accepted papers of ICEMCE-2023 will be submitted for inclusion in IEEE Xplore.

Paper should be submitted in IEEE format, follow the Instruction for Authors before paper submission in the website: https://icemce2023.github.io/icemce/

Key Dates

Full paper submission: 31st September 2023 Notification of Acceptance: 15th October 2023 Camera ready paper submission: 15th November 2023 Conference date: 14 & 15 December 2023

The Conference includes:

Keynote address will be given by experts from IITs, NITs and leading Industries.

Contact details

Dr. P. Venkatesh: +91 9843147926 Dr. S. Charles Raja: +91 9994910088 Dr. G. Ananthi: +91 99442 92916 E-mail: icemce2023@tce.edu Thiagarajar College of Engineering, Thiruparankundram, Madurai-625 015. Tamilnadu. India.

Registration details

It is mandatory for at least one author of an accepted paper to register in order to submit it in the inclusion of IEEE Xplore. The registration fee is non-refundable.

1. UG/PG/Research Student		ndian	Foreign	
2. Delegates from Academia	IEEE Member	Non-IEEE Member	IEEE Member	Non-IEEE Member
	4000 INR	5000 INR	100 USD	150 USD
3. Delegates from Industry	5000 INR	6000 INR	150 USD	200 USD
4. Co-author/Attendee*	6000 INR	7000 INR	250 USD	300 USD
	1000 INR	1000 INR	50 USD	50 USD