Website Tabs

Home Page

1. International Conference on Advanced Computing, Communication and Electrical Systems - ICACCES- 2024

KMEA Engineering College, Ernakulam, Kerala, India in Association with Universiti Teknologi MARA, Malaysia

Abstract Submission, Registration

* 1. About the Conference

Important dates

* 1. About the institution
  2. Conference Awards for Short Invited Lectures & Posters
  3. Panel discussion on international funding

Sponsors

1. Key Topics
2. Speakers

3.1 Keynote

3.2 Plenary

3.3 Invited

4. Committee

5. Contact

6. Registration

6.1 Indian delegates

6.2 Foreign delegates

Account details

Name : HOD CS

Ac/No : 5457295113

Branch Name: Central Bank of India, Kakkanad

IFSC : CBIN0283724

**Detailed Information**

HOME

1. ICACCES- 2024

KMEA Engineering College in Association with Universiti Teknologi MARA, Shah Alam, Malaysia, February 22-23, 2024

Abstract submission tab, Registration tab

* 1. About the Conference

International Conference on Advanced Computing, Communication and Electrical Systems - ICACCES- 2024

KMEA Engineering College, Edathala will host the First International Conference on Advanced Computing, Communication and Electrical Systems (ICACCES) from February 22-23, 2024. Researchers, engineers, professors, and business executives from all over the world who are interested in cutting edge developments in hot areas in the field of computer science and engineering, communication and electrical are welcome to apply for ICACCES '2024. Researchers with an interest in developing theory, methods, systems, and applications related to current conference subjects are encouraged to submit original works to the ICACCES '2024 conference.

Important Dates

Deadline for the submission of the Abstract: 15 December 2023

Deadline for the submission of the Full Paper Submission: 5 January 2024

Deadline for the submission of the Registration Fee: 15 January 2024

Call for Papers

We enthusiastically encourage prospective authors to submit an electronic version of their original research paper that contain contributions of theoretical, experimental, or application nature using Microsoft CMT. The conference is organized in three tracks of advancements in Computer Science and Engineering, Electronics and Communication Engineering and Electrical and Electronics Engineering, and will feature distinguished invited speakers in each track. The submitted papers must be substantially original work, which has neither been published before nor is under review for any other conference or journal. The ICACCES strictly prohibits any plagiarism. The ICACCES retains the right to eliminate any paper in violation of these requirements and to exclude the authors of such papers from future ICACCES conferences. Selected papers would be categorized to oral presentation or poster presentation as recommended by the review committee. These papers would be compiled in a proceeding, and will be published with Apple Academic Press exclusively co-publishing with CRC press, Taylor and Francis group.

1.2 About the Institution

The Kerala Muslim Educational Association was established in 1957 with the lofty aim of setting up quality educational institutions on a par with global standards promoting education among minority communities and providing financial aid to the economically weak and deserving students. Late Sri. Poker Sahib, an eminent Parliamentarian and Philanthropist and late Sri. K. M. Seethi Sahib, former speaker of the Kerala Legislative Assembly, was the key forces behind the formation of KMEA. Former Chief Minister Sri. C. H. Muhammed Koya has also actively participated in the formation of the association. KMEA Engineering College (KEC) was established in 2002 under the management of Kerala Muslim Educational Association, a charitable trust. It is approved by All India Council for Technical Education (AICTE) and affiliated to APJ Abdul Kalam Technological University. The college is accredited by the National Assessment and Accreditation Council (NAAC). Five UG programs, Civil Engineering, Computer Science & Engineering, Electrical & Electronics Engineering, Electronics & Communication and Mechanical Engineering are accredited by the National Board of Accreditation (NBA).

* 1. Awards

Awards will be given to best paper and poster in each tracks.

1. Key topics

**Track 1: Computer Science and Engineering**

1. Advanced Computing:

· High-performance computing

· Quantum computing

· Cloud computing

· Edge computing

· Distributed computing

· Grid computing

2. Communication Systems:

· Wireless communication

· Internet of Things (IoT)

· Network protocols and architectures

· Mobile and ad hoc networks

· Social networks and online communication

3. Artificial Intelligence and Machine Learning:

· Deep learning and neural networks

· Natural language processing

· Image processing and computer vision

· Reinforcement learning

· AI applications in various domains

. Social media analysis

. Metaverse Technology

4. Data Science and Big Data:

· Data analytics and data mining

· Data visualization

· Data privacy and security

· Machine learning for data analysis

5. Cybersecurity:

· Network security

· Cryptography and encryption techniques

· Ethical hacking

· Security in IoT and critical infrastructure

6. Emerging Technologies:

· Blockchain technology

· Augmented and virtual reality

· Biologically inspired computing

**Track II: Electronics and Communication**

* Signal & Image processing
* Medical Image Processing
* Wireless communications network
* Computer Networks and Data Communication
* Cloud Computing and Internet of Thing
* Radar, Satellite, RF and Smart grid communication
* Cryptography, Security and Privacy of Mobile & Wireless Networks
* Signal Processing for Smart Systems
* DSP Implementation and Embedded Systems
* Encoding, Encryption and Information Theory
* Speech, Audio and Music Processing
* Neural network
* Block chain
* High Performance Networks and Protocols
* Internet of Things and Big Data
* Cloud Computing
* Embedded Systems
* Virtual and Augmented Realities
* Fuzzy logic
* Computational intelligence
* Antenna and Microwave
* NLP
* IOT
* Biomedical engineering and healthcare
* nanotechnology
* Analog, RF, mixed signal design
* Smart grid
* VLSI and FPGA

**Track III Electrical and Electronics**

1.Power Generation, Transmission and Distribution

2.Renewable Energy Sources and Technology

3.Power Electronics and Applications

4.Power Quality

5.Electric Vehicle/E mobility

6.Energy Management

7.Smart System(Computational Intelligence and Automation)

8.Energy Conversion System

9.Robotics, Control, Automation and Instrumentation

10.Biomedical instrumentation and applications

11.Industrial automation, Network based systems

1. Keynote Speakers – 3

Plenary – 6

Invited -6

1. Committee

CHIEF PATRON

Jb. Syed Basheer Ali Shihab Thangal - President, Kerala Muslim Educational Association (KMEA)

PATRONS

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Dr. Smitha K.M - Dean Academics, KMEA Engineering College

Dr. Reeena Sebastian - Dean Student Affairs & HoD EEE, KMEA Engineering College

Dr. Sajith T.A - Dean Research, KMEA Engineering College

Dr. Shahin Abdulla - HoD, Electronics & Communication, KMEA Engineering College

Dr. Benazir K K, HoD, Computer Science & Engineering, KMEA Engineering College

CONFERENCE CONVENORS -

Sheena Kurian K, KMEA Engineering College

Abeera V.P, KMEA Engineering College

Bushara A R, KMEA Engineering College

Muhammed Ismail, KMEA Engineering College

Fareeda Kareem, KMEA Engineering College

Neenu B, KMEA Engineering College

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Dr Sarita R, College of Engineering, Thiruvananthapuram.

Dr. M. Sabarimalai Manikandan, Associate Professor, IIT Palakkad

5. Contact

The Conveners,

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