Dr. MAHALINGAM
MCET
COLLEGE OF ENGINEERING AND TECHNOLOGY
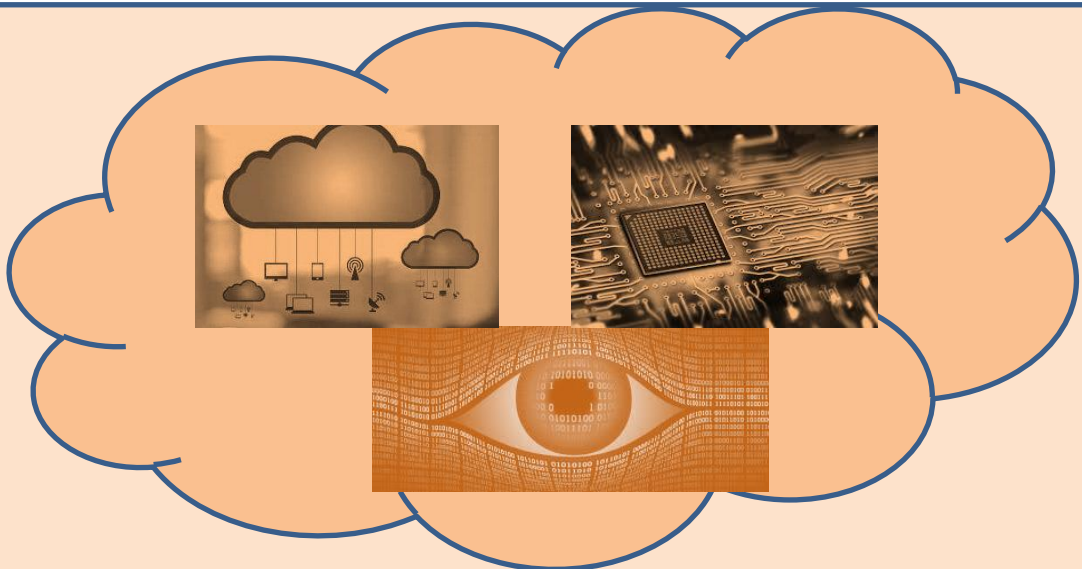Enlightening Technical Minds

DST

sponsored

National Virtual Conference on Advanced Informatics, Electronics and Vision
(NCAIEV' 21)

23rd April, 2021

All Accepted, registered and presented papers will be published in **IOP Journal of Physics***
Scopus Indexed Conference Proceedings

Contact Details: +91-9486410806 /+91-994324990
email id: ncaiev21@drmcet.ac.in
Website: **https://sites.google.com/view/ncaiev21**

Background

The National Virtual Conference aims to provide a prominent platform for leading academicians, scientists, industrialists and research scholars to share their experiences, innovations and research outcomes on all facets of Advanced Informatics, Vision and Electronics.

Objective

This programme paves an opportunity to showcase the innovative ideas of young budding researchers and to get suggestions from the eminent resource persons.

Submission

- ✍ The authors should make sure that the paper is free of any plagiarism
- ✍ Number of Pages in each article is limited to 8 pages
- ✍ Paper submission through the following easychair link
  https://easychair.org/conferences/?conf=ncaiev21

Registration Fee

➢ Registration Fee for conference - Rs. 500/-

Important Dates

✓ Last Date for Paper Submission	: ~~31.03.2021~~
(Extended)	: 05.04.2021
✓ Notification for Acceptance	: 09.04.2021
✓ Due Date for Camera Ready Paper	: 12.04.2021
✓ Due Date for Registration	: 16.04.2021

Call for Papers

We invite you to submit high-quality research papers in these areas but not limited too.

Track 1:

- ➢ Signal, Image and Video Analysis
- ➢ Big data Analytics
- ➢ Machine Learning
- ➢ Artificial Intelligence
- ➢ Augmented and Virtual Reality

Track 2:

- ➢ Sensor Circuits and Systems for IoT
- ➢ Cloud Computing
- ➢ Cyber Security
- ➢ Cryptography
- ➢ IoT Architectures and Protocols

Track 3:

- ➢ Advanced Packaging Technologies
- ➢ Analog & Mixed Signal Circuit Design
- ➢ VLSI Architecture for High Speed and Low Power
- ➢ Device Modeling and Simulation
- ➢ ML/AI based Design-flows and EDA

Publication

- ➢ All accepted, registered and presented papers would be published in IOP Publication which is indexed in Scopus, EI Compendex and Inspec
- ➢ The publication charges are as per the journal norms

Session Schedule

Time	Event
09.00 to 09.30 am	: Inauguration
09.35 to 10.35 am	: Plenary Session 1

Topic : Artificial Intelligence in Security Systems

Resource Person : Dr. Saravanan Chandran, NIT, Durgapur

Time	Event
10.35 to 11.00 am	: Break
11.00 to 12.00 noon	: Track 1 & 2 Oral Session
12.00 to 01.00 pm	: Plenary Session 2

Topic : Multi-Frames Statistics for Visual Surveillance

Resource Person : Dr. Badri N Subudhi, IIT, Jammu Kashmir

Time	Event
01.00 to 02.00 pm	: Lunch
02.00 to 03.00 pm	: Plenary Session 3

Topic : Bio-Inspired Algorithms for Machine Learning

Resource Person : Dr. Venkatanareshbabu Kuppili, NIT, Goa

Time	Event
03.00 to 03.30 pm	: Break
03.30 to 04.30 pm	: Track 3 Oral Session & Exhibits
04.30 to 05.00 pm	: Valediction

Special Events

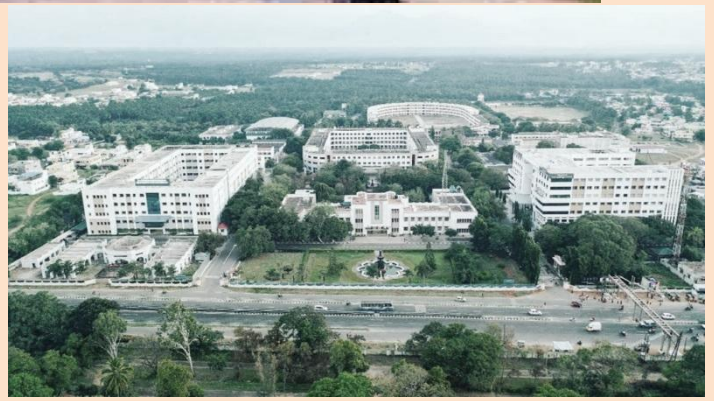➢ Exhibits from Industries on Automation Systems
➢ Idea Contest

The main purpose of the idea contest is to enhance the knowledge of students and motivate them to compete in the global competitive engineering field. Also it creates awareness about fast growing technologies, its real applications in industries and other's innovations to build their inherent abilities and communication.

Theme of the Contest : **Smart Systems to improve quality of life of people, agriculture and contributing to economic development of Nation**

For details: https://sites.google.com/view/ncaiev21/special-event

Our Institution

Visit www.mcet.in for more details

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Dr. A. Rathinavelu, Principal, MCET

Conference Secretary

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Dr. S. Bharathi, AP(SS) - ECE, MCET

Dr. M. Senthilarasi, AP(SS) - ECE, MCET

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Dr. S. Esakkrajan, Professor - ICE, PSG

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Mr. Bhat Dittakavi, Founder, CEO, Variance AI

Mr. Vikram Krishna, Sr. Staff Engineer, Flex

For other committee details visit conference website