

## IMPORTANT DATES



05-01-2024 **Full Paper Submission**

**Notification of Acceptance** 22-01-2024

09-02-2024 **Camera Ready Paper Submission**

**Author Registration Deadline** 20-02-2024

## Guidelines for Preparing Papers

The paper must be prepared in English limited to a maximum of 6 pages including references and must conform to IEEE conference format. The paper template is available in the conference website <https://edu.ieee.org/in-kare/>. The paper submissions are handled through Microsoft CMT. All submitted papers will go through a plagiarism check process. The manuscript should not contain embedded links, scanned images, header and footer.

### Manuscripts Submission Link

<https://cmt3.research.microsoft.com/INCOS2024/>

### Website Link

<https://edu.ieee.org/in-kare/about/>

### Conference Mail

[incos@klu.ac.in](mailto:incos@klu.ac.in)

### Student Branch Mail

[ieee.klu.studentbranch@gmail.com](mailto:ieee.klu.studentbranch@gmail.com)

### PAPER SUBMISSION



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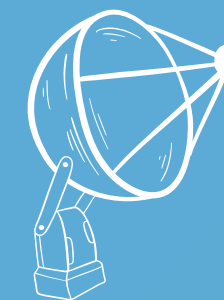


**IEEE**  
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2024 IEEE THIRD INTERNATIONAL  
CONFERENCE

ON  
INTELLIGENT TECHNIQUES IN CONTROL,  
OPTIMIZATION AND SIGNAL PROCESSING  
(INCOS'24)  
(HYBRID MODE)

IEEE CONFERENCE RECORD: #59338



14<sup>th</sup> - 16<sup>th</sup>  
March 2024

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## ABOUT CONFERENCE



Intelligent techniques are an emerging approach that mimics the remarkable ability of human minds for reasoning and learning in an environment of uncertainty and imprecision. They have wide applicability in power and energy systems ranging from stability tuning, parameter tuning, pattern recognition, decision making, control, and optimization. The IEEE Student Branch of Kalasalingam Academy of Research and Education is organizing the third version of the International Conference on "Intelligent Techniques in Control, Optimization and Signal Processing" INCOS-'24. The objective of this conference is to enable researchers, faculty members, and students to exchange ideas on current research in intelligent techniques and their potential applications to control, optimize, and signals process. The conference includes a paper presentation, a keynote address, and invited talks by experts from industries and international institutions. All the papers presented in the conference will be submitted for possible inclusion in IEEE Xplore.

## ABOUT UNIVERSITY



Kalasalingam Academy of Research and Education (KARE) (Deemed to be University) formerly Arulmigu Kalasalingam College of Engineering was established in 1984 by Kalvivalal Thiru T. Kalasalingam under the trust Kalasalingam and Anandam Ammal Charities, Founder Chairman who was a freedom fighter and Philanthropist. Kalasalingam is Located at the pristine foothills of scenic Western Ghats of southern Tamilnadu. The college obtained the Deemed to be University status in 2006. The Institution has been serving the society for thirty seven long years and it caters to the needs of the students from all walks of the society. It strives to sustain the quality in education, research and all its activities which resulted 35 th position among all university in India, under university category of NIRF 2022 (National Institute of Ranking Framework), Ministry of Education, India, and 601-700 under World University Ranking, 301-400 in computer science by Times Higher Education. Eleven of our Engineering & Technology Programmes are accredited by ABET, USA.

## IEEE INCOS'24 PROCEEDING DETAILS

IEEE Xplore<sup>®</sup>  
Digital Library



ISBN Number  
979-8-3503-6118-6

Electronics Version  
ISBN Number  
979-8-3503-6117-9



Print Version  
ISBN Number  
979-8-3503-7276-2

## TRACKS



The papers are invited from prospective authors that describe original research work and not presented elsewhere in the following topics or on any other topic relevant to the theme of the conference. The scope of the conference includes, but not limited to:

### Computing and Processing

- Artificial Intelligence and Machine Learning
- High-Performance Computing
- Data Mining and Analytics
- Cloud Computing
- Computer Vision
- Natural Language Processing
- Computational Biology
- Cybersecurity
- Distributed Systems
- Quantum Computing

### Power, Energy, and Industry Applications

- Renewable Energy Systems
- Smart Grids and Energy Management
- Energy Storage Technologies
- Industrial Automation and Control
- Sustainable Manufacturing
- Power Electronics and Drives
- Energy Efficiency and Conservation
- Internet of Things (IoT)
- Microgrid Technologies
- Electric Vehicle Infrastructure

### Robotics and Control Systems

- Robot Kinematics and Dynamics
- Autonomous Robots
- Human-Robot Interaction
- Control System Design
- Robotic Vision and Perception
- Robotic Manipulation and Grasping
- Swarm Robotics
- Aerial and Underwater Robotics
- Rehabilitation Robotics
- Robot Learning and Adaptation

### Signal Processing and Analysis

- Digital Signal Processing (DSP)
- Image and Video Processing
- Speech and Audio Processing
- Biomedical Signal Processing
- Radar and Sonar Signal Processing
- Time-Frequency Analysis
- Signal Compression and Encoding
- Pattern Recognition
- Sensor Data Fusion
- Signal Processing for Communication Systems
- Image and Video Processing

## REGISTRATION FEES



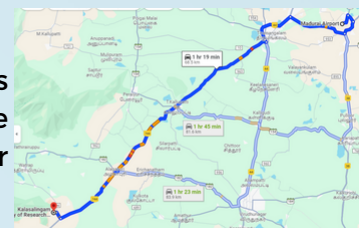
Category	Indian Authors	Foreign Authors
UG/PG students/ Full time Scholars	IEEE Members - ₹ 4500/- Non-IEEE Members - ₹ 5000/-	IEEE Members - \$ 200 Non-IEEE Members - \$ 250
Academicians	IEEE Members - ₹ 5500/- Non-IEEE Members - ₹ 6000/-	IEEE Members - \$ 250 Non-IEEE Members - \$ 300
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- Online presentation is permitted only for the authors from abroad.
- Registration fees include conference banquet, proceedings, lunch and other registration materials.
- Registration fee is not refundable and also does not include accommodation.
- At least one of the authors of accepted paper should register for the conference.
- After receiving the acceptance intimation, the registration fee should be paid to the bank a/c details provided through any payment method..

### How to reach the Campus

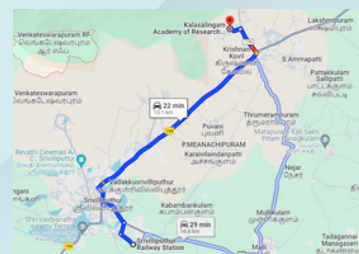
#### By Air

- The nearest airport to Krishnankoil is Madurai Airport. From the airport distance of 69 km, you can hire a taxi or use other local transportation to reach the university.



#### By Train

- The nearest railway station to Krishnankoil is Srivilliputtur Railway Station. From the station distance of 17km, you can take a taxi or use local transportation to reach the university.



#### By Road

- If you are traveling by bus, you can reach Krishnankoil by various state-run and private buses that connect major cities in Tamil Nadu to Krishnankoil. You can also use private transportation or hire a taxi if you are traveling from nearby cities.

For additional information contact

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