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.

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**Computing and Processing**
- Artificial Intelligence and Machine Learning
- High-Performance Computing
- Data Mining and Analytics
- Cloud Computing

**Power, Energy, and Industry Applications**
- Renewable Energy Systems
- Smart Grids and Energy Management
- Energy Storage Technologies
- Industrial Automation and Control
- Sustainable Manufacturing

**Robotics and Control Systems**
- Robot Kinematics and Dynamics
- Autonomous Robots
- Human-Robot Interaction
- Control System Design
- Robotic Vision and Perception

**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

**IEEE INCOS’24 TRACKS**

- **Computing and Processing**
  - Computer Vision
  - Natural Language Processing
  - Computational Biology
  - Cybersecurity
  - Distributed Systems
  - Quantum Computing

- **Power, Energy, and Industry Applications**
  - Power Electronics and Drives
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  - Internet of Things (IoT)
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  - Electric Vehicle Infrastructure

- **Robotics and Control Systems**
  - Robotic Manipulation and Grasping
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  - Robot Learning and Adaptation

- **Signal Processing and Analysis**
  - Time-Frequency Analysis
  - Signal Compression and Encoding
  - Pattern Recognition
  - Sensor Data Fusion
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Kalasalingam Academy of Research and Education (KARE) (Deemed to be University) formerly Arulmigu Kalasalingam College of Engineering was established in 1984 by Kalvivallal Thiru T. Kalasalingam under the trust Kalasalingam and Anandaan 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 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.