ALAGAPPA CHETTIAR GOVERNMENT COLLEGE OF ENGINEERING AND TECHNOLOGY
KARAIKUDI-630003

PAPER PRESENTATION

"Engage Minds, Inspire Change!"

EVENT DESCRIPTION:

Participant must present and showcase their research or innovative ideas on a chosen topic Through a well-structured paper and supporting visuals. Throughout the event, the depth of their knowledge, communication skills, and ability to engage an audience will be evaluated. This event tests how effectively participants can present complex ideas in a clear and compelling manner, inspiring intellectual discussions and sparking innovation.

EVENT FORMAT:

Participants must submit their ppts prior to the event. The presentation part is divided into two rounds:

Round 1: ABSTRACT SUBMISSION

This round focuses on the clarity and originality of the participant's ideas. Each team must submit an abstract (up to 500 words) summarizing their research or innovative idea. The abstract should outline the key elements, including the problem statement, methodology, significant findings, and potential impact. The panel of judges will evaluate submissions based on originality, relevance, and clarity of presentation. Abstracts should be sent to sygnels25ppt@gmail.com

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Round 2: PRESENTATION ROUND

In this round, the shortlisted teams will deliver a live presentation. Participants will have 10 minutes to present their research, supported by a visually appealing slide deck, followed by a 3-minutes Q&A session with the judges. The presentation should cover the introduction, methodology, results, conclusion, and implications of the research. Judges will assess the content, delivery, confidence, and ability to address questions effectively.

GENERAL RULES:

1. Maximum number of participants in a team is maximum 3 and minimum 1.
2. Kindly bring your PowerPoint presentation on a pen drive or a hard drive if it is necessary. And bring 2 copies of xerox of the ppt.
3. Kindly mail your abstract, paper, and ppt to sygnels25ppt@gmail.com

And upload the file name as your team's name (For e.g. Team Sygnels)

4. Any form of queries will be addressed through the same email.
5. The teams will get 10 minutes to present, followed by a question-and answer session for 3 minutes.
6. Participants from different institutions can be a part of the same team. But one candidate cannot be a part of multiple teams for the same event.
7. Use of pre-made templates is allowed, but plagiarism in the paper or presentation will result in disqualification.
8. The decision of the judges is final and binding.

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PRESENTATION SPECIFICATIONS:

1. Each participant is required to make a PowerPoint presentation file in English, based on his/her paper.

2. The presentation file should follow the following format:

- Number of the slides in the presentation must limit to 25.
- Maximum words on each slide must be less than 30.
- If the word limit exceeds, then score will be reduced.
- Animations are permitted.
- Background sounds are prohibited.
- Apply legible fonts.
- Picture(s) must not dominate the slides.
- File Format: MS PowerPoint (.ppt or .pptx).

The content of the presentation must contain the substantive basis of the paper and does not contain racism, not morally offensive, never been published before and does not contain plagiarism.

CONTACT:

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PROBLEM STATEMENTS AND THE GENERAL TOPICS OF THE EVENT IS GIVEN BELOW

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GENERAL TOPICS:

- Communication networks
- Embedded systems
- Image processing
- Robotics
- Signal processing
- VLSI technology
- Wireless networks/communication
- Artificial intelligence

PROBLEM STATEMENTS:

1. Energy-Efficient Power Converters for Renewable Sources

Problem Statement

Renewable energy systems depend on power converters, but inefficiency reduces usable output. Current converters face issues of switching losses, harmonics, and poor efficiency under variable loads.

2. Power Wastage in Homes & Industries

Problem Statement

Electricity is wasted due to appliances left on when not in use, especially in hostels, offices, and factories. Design a smart power monitoring and control system using IoT, sensors, and wireless communication for reducing wastage and improving energy efficiency.

3. Smart agriculture

Problem Statement

Traditional farming methods lack real-time monitoring and automation, leading to inefficiency.

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4.Remote patient monitoring

Problem Statement

Patients with chronic diseases lack continuous health tracking outside hospitals**.**

5.Smart transportation

Problem Statement

Urban areas face traffic congestion, accidents, and inefficient route management**.**

NOTE: THOSE WHO ARE CHOOSING THE PROBLEM STATEMENTS WILL BE AWARDED A BONUS MARK.

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