

# Technical symposium

## AURA-2k24

(Artificial Intelligence Unleashed Revolutionary Advancements)

### Technical Event: Paper Presentation

Paper presentation is an event where the participants are required to make a paper about a certain topic or area, and then present it in front of a jury, following which it will be rated and judged based on their performance.

#### Online:

- **Date and Time:** 27th March 2024 @10:00 am
- **Venue:** MITS College, WB215

#### Offline:

- **Date and Time:** 26th March 2024 @6:00 pm Onwards
- **Platform:** Google Meet

#### Objective:

- To provide an opportunity for students to find research gaps in emerging technologies and present in front of a panel members.
- To help students to understand research objectives, existing available works, summary about existing works, paper formats etc.
- To encourage students in increasing curiosity for interesting never-heard topics.

#### Topics:

1. Artificial Intelligence
2. Machine Learning
3. Medical Image Analysis
4. Deep Learning
5. Natural Language Processing
6. Computer Vision

7. Disease Prediction
8. LLM (Large Language Model)
9. GAN's (Generative Adversial Network)
10. Cloud Computing
11. Big Data Analytics
12. Cryptography & Network Security
13. Intrusion Detection & Optimization Techniques
14. Internet of Things
15. Solar Power Management
16. Power Systems Optimization
17. VLSI
18. Network Analysis and Optimization
19. Structural Analysis
20. Robotics

**Rules:**

- Focus on the key message and present your research.
- The format of the paper should be in IEEE FORMAT.
- Don't present any non-technical topics.
- Complete your presentation within 10-15 minutes
- Team size should be of 1-5 members
- IEEE Paper should contain maximum of 6 pages

**Structure of Paper and PPT:**

- Title slide with author affiliation details
- Introduction to problem statement
- Objectives
- Literature survey
- Methodology

- Results & Discussion
- Conclusion and future scope
- References

**Registration Fee:**

- For individuals or groups of up to 2 members 100/- per person.
- For 3-5 participants in a group 300/-per group.

**Note:**

- For online participants presentation will be before the day of the event i.e. 26<sup>th</sup> March 2024

**Faculty Coordinators:**

- Dr Vamsi Bandi, Asst. Prof, Dept. of CSE-AI
- Dr A.Poongodai, Asst. Prof, Dept. of CSE-AI

**Student Coordinators:**

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