KPR Institute of Engineering and Technology

Learn Beyond

(Autonomous, Affiliated to Anna University)

IEEE Robotics & Automation Society KPRIET SBC

IEEE VTS Connecting the Mobile World KPRIET SBC

MI QUINIX

Mechatronics Student Association

chakravyuha

PAPER PRESENTATION

Basic Guideline:

- Each team must consist of 2-4 members.

Time Allocation:

7 minutes total per team:

- 5 minutes for the presentation.
- 2 minutes for questions from the jury.

Domains of Participation:

Students can choose any problem statement or idea under the following engineering domains:

- Mechatronics
- Mechanical Engineering
- Electrical Engineering
- Electronics Engineering
- Industrial Automation / IoT / Industrial Manufacturing
- Machine Vision

General Engineering Themes: Teams may present their original project work, research, or innovative ideas within these themes.

Presentation Format:

- Maximum of 8 slides per presentation. (Including Introduction Slide, Conclusion Slide).
- Slides must follow the official format provided by the organizers.
- The final presentation must be uploaded to the designated drive link at least 24 hours before the event.
- No further modifications will be accepted after submission.

Event protocol:

- Teams should report at the venue/hall within 10 minutes after the coordinator's announcement.
- No delays are allowed. Any change in timing must be informed to the coordinator in advance.
- Failure to report on time or absence without prior notification will lead to disqualification.

Evaluation And Jury Decisions:

- Balanced weight will be given to innovation, technical depth, execution feasibility, and team collaboration.
- The jury's decision will be final and binding.
- Any doubts or concerns regarding decisions should be directed only to the event officials.
- Non-compliance with rules or instructions from officials will result in disqualification.

Event Criteria For Evaluation:

Team Aspect:

- Equal Contribution: Each team member's contribution toward the chosen problem and proposed idea will be evaluated.
- Presentation Involvement: Active participation and pitching by all team members during the presentation will be assessed.

Technical aspect:

Note: Introduction, References, and Conclusion slides will not be considered in the final scoring process.

- Problem Statement
- Literature Survey
- Technical Approach
- Implications
- Economic Feasibility

Fundamentals rules of the format:

- Use only the given number of slides (8 Slides)
- ***AI made presentation will not be accepted.***
- Don't change the order of the topic or location of each topic given
- Accommodate the contents related to topics in the allocated space only.
- Words in the "presentation" that are marked red need to be removed once read.
- Any incompliance to the rules of the format will lead to disqualification.

* Slide no 1 can be removed while submitting*

“Title of the paper”

Contents	Details
Team Name	
Name of the Institute	
Team ID	
Date of presentation	

Problem Statement:

- Uniqueness of the identified problem
- Relevance to the chosen theme
- Impact and significance of solving the problem
- Practical applicability in real-world scenarios.

Data related problem statement:

- Relevant data regarding only the problem statement validity and concern are accepted.

Literature review

- Quality and depth of research backing.
- Availability of supporting data related to the problem.
- Alignment with specific Sustainable Development Goals (SDGs).
- Selected problem statement is supported by initiatives of International/National schemes, initiatives, or policies.

Proposed Solution

“Single statement description of the solution with proper engineering Terms”

Technical Methodology/approach:

- Clarity of methodology proposed
- Technical feasibility and practicality of the approach
- Specific in addressing the identified problem.
- Effectiveness of pitching and explanation by the team

Implications, simulations, tests, Working Model:

- Presence of simulations, proof of concept, demonstration or evidence of working principle, models, or real-time data supporting the solution if it is a product or project.
- Presence of Appropriate validated Results if it is a research, journal, article.

Economic - Feasibility:

- Justification of required components/BOM (hardware/software) and their availability
- Cost considerations supported with purchase links or sourcing options
- Suitability and scalability of the application using proposed components

References:

- Valid References are only expected.
- AI tool link or Direct reference of a “chat bot” will be not considered

Thanks for your attention!

Any questions?

16