



# Paper Title

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Department of Aerospace Engineering

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1. Introduction
2. Objectives
3. Methodology
4. Results and Discussion
5. Conclusions
6. References



## Background / Motivation

- ▶ Brief background of the research area and its relevance to aerospace/space technology.
- ▶ Current state of the field and key challenges addressed.
- ▶ Motivation for the current study.
- ▶ Significance and expected contributions to the field.

## Literature Review Highlights

- ▶ Author et al. (Year): Key finding 1.[1]
- ▶ Author et al. (Year): Key finding 2.[2]

**Research Gap:** *Describe gap identified.*



- ▶ Total presentation time: **10 minutes** (strictly enforced)
- ▶ Questions & Answers: 2 minutes
- ▶ Please adhere strictly to the allotted time.
- ▶ Keep slides clear, concise, and visually clean.
- ▶ Use readable font sizes.
- ▶ Maintain consistent formatting throughout the presentation.
- ▶ Use high-quality figures, graphs, and images.
- ▶ Ensure all plots/figures have proper labels and units.
- ▶ Avoid overcrowding slides.
- ▶ Videos/animations should be brief and relevant.
- ▶ Cite references wherever.



- ▶ Objectives/Scope of the Study. [Describe specific objectives clearly].



## ① Problem Setup

- ▶ Describe the physical/mathematical problem setup.
- ▶ Geometry, boundary conditions, initial conditions.

## ② Governing Equations

- ▶ List the governing equations used.
- ▶ Assumptions made and justification.

## ③ Numerical / Experimental Method

- ▶ Describe the approach (CFD, FEM, experimental).
- ▶ Software/hardware tools, mesh details, validation.

*Schematic / Flowchart / Figure can be placed here*



*Insert Figure / Contour Plot / Chart Here*

## Key Observations

- ▶ Finding / observation 1 from the results.
- ▶ Finding / observation 2 with quantitative value.
- ▶ Comparison with literature / benchmark values.
- ▶ Physical interpretation of observed trends.

*Fig. 1: Caption describing the figure in detail.*



*Insert Figure / Contour Plot / Chart Here*

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*Fig. 1: Caption describing the figure in detail.*



*Insert Figure / Contour Plot / Chart Here*

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- ▶ **Conclusion 1:** Summarize primary finding or outcome of the study.

**Future Work:** Briefly describe planned future investigations or extensions of this work.



- [1] Author, A. B., Author, C. D. (Year). *Title of the paper. Journal Name, Vol(Issue), pp. xxx–xxx. DOI: 10.xxxx/xxxxx*
- [2] Author, A. B., Author, C. D. (Year). *Title of the paper. Journal Name, Vol(Issue), pp. xxx–xxx. DOI: 10.xxxx/xxxxx*

# Thank You

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