

List of Extended Abstracts

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Title - An ICT Inspire Style Extended Abstract Template Using Standard LaTeX Classes

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Abstract

This paper presents a extended abstract template developed for ICT Inspire 2026 using a dedicated LaTeX class file. The template provides a structured two-column format suitable for technical and research papers submitted to the symposium. It includes formatted title and author information, a full-width abstract, keywords, numbered sections, subsections, mathematical equations, figures, tables, citations, and references. The class file separates document content from formatting instructions, making the template easier to edit, maintain, and reuse.

Keywords— *ICT Inspire 2026, extended abstract, LaTeX, two-column layout, research paper, academic writing*

I. INTRODUCTION

The introduction presents the background, motivation, and objectives of the research. The ICT Inspire 2026 paper template is designed to provide a consistent format for technical and research papers submitted to the symposium.

The main body of the paper is formatted into two columns to provide an efficient and professional presentation of technical content. The title and abstract are presented across the full page width, followed by the two-column research content.

Appropriate document formatting is important for presenting research findings clearly and consistently [1].

II. RELATED WORK

Several approaches have been proposed for preparing technical research papers using LaTeX. Standard LaTeX classes provide considerable flexibility for creating conference-specific document layouts.

The ICT Inspire 2026 template uses a dedicated `ictinspire2026` class. This provides centralized control over page dimensions, column spacing, typography, section headings, figures, tables, and other formatting elements while allowing authors to focus on the research content.

III. METHODOLOGY

The proposed template uses a dedicated conference class based on the standard `article` class. The `geometry` package controls the page dimensions, while the two-column mechanism provides the main research layout.

A. Two-Column Layout

The main body is automatically divided into two columns after the title and abstract area. Authors only need to use

the conference class:

```
\documentclass{ictinspire2026}
```

The class file contains the formatting rules, packages, margins, section styles, caption styles, and other presentation settings.

1) Mathematical Equations

Mathematical expressions can be included using the `amsmath` package. For example,

$$y = f(x) = wx + b \quad (1)$$

where w represents the model parameter and b represents the bias term.

For a more complex equation,

$$J(\theta) = \frac{1}{N} \sum_{i=1}^N (y_i - \hat{y}_i)^2. \quad (2)$$

IV. EXPERIMENTAL RESULTS

Experimental results can be presented using tables and figures.

Table 1. Classification Performance

Method	Accuracy (%)	F1-score
Method A	91.20	0.90
Method B	94.50	0.93
Proposed	97.10	0.96

The results in Table 1 demonstrate that the proposed method achieves the highest classification accuracy.

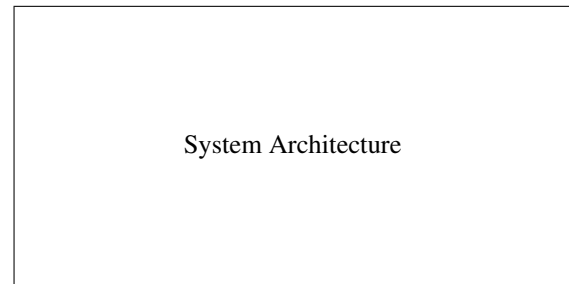


Figure 1. Overall architecture of the proposed system.

As shown in Fig. 1, the proposed system consists of several processing stages.

V. DISCUSSION

The experimental findings indicate that the proposed approach provides competitive performance. The two-column presentation also allows a relatively large amount of technical information to be presented within a limited number of pages.

The ICT Inspire 2026 template provides a consistent structure for presenting research contributions while allowing authors to include the necessary technical content.

VI. CONCLUSION

This paper presented a conference paper template developed for ICT Inspire 2026 using a dedicated LaTeX class file.

The title, author information, and abstract are displayed in full-page width, while the main research content is for-

matted into two columns. The template supports mathematical equations, figures, tables, citations, and references and provides a consistent format for research papers submitted to ICT Inspire 2026.

REFERENCES

- [1] A. Author and B. Author, "A sample research paper," *International Journal of Computer Science*, vol. 10, no. 2, pp. 100–110, 2025.
- [2] J. Smith, *Digital Image Processing*, 3rd ed. New York, NY, USA: Academic Press, 2024.
- [3] R. Kumar, "Machine learning applications in image classification," in *Proc. Int. Conf. Artificial Intelligence*, 2025, pp. 120–125.

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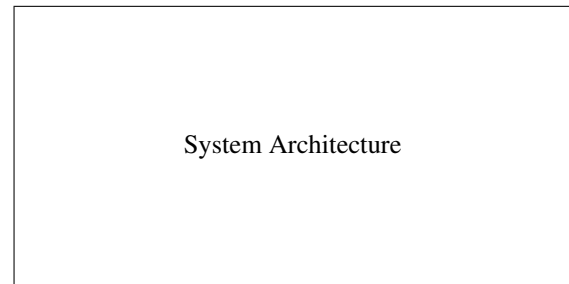


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