Guide to Papers Ready for Publishing: Polbeng Inovtek Journal Informatics Series

Agus Tedy[1], Onno W Purbo[2], Fajar Ratnawati[3]
[1]University Utara Malaysa, Sintok, Kedah, Malaysia, 06010
[2] Institut Teknologi Tangerang Selatan, South Tangerang City, Banten, Indonesia, 15331
[3]University of Cambridge, England, United Kingdom,1500
e-mail: agus@gmail.com[1], onno@gmail.com[2], fajar@gmail.com[3]
*Correspondence: agus@gmail.com

Abstract: To attract readers to your research, you must write an effective abstract. Abstracts should be concise and informative, no more than 200 words. Begin by understanding the problem's background. Next, follow the methodology, the purpose of the research, the main outcome, and the important conclusions. Avoid unfamiliar quotes, jargon, and abbreviations, and use clear and accurate language. An abstract should be able to stand alone and cover all the necessary information without requiring a complete text. To facilitate search and indexing, enter relevant keywords. Make abstract revisions to enhance credibility, boost the chances of successful publications, and steer clear of grammatical errors.

Keywords: Place 3-5 keywords here, separated by commas.

1. Introduction

This document serves as the official template for manuscripts submitted to the Polbeng Informatics Journal. An electronic copy can be downloaded from the journal's website. The Bengkalis State Polytechnic Innovation and Technology Informatics Series Journal is a peer-reviewed scientific journal that provides a publication platform for academics, researchers, and practitioners to disseminate their research findings in the field of informatics.

The journal welcomes manuscripts covering Web and Mobile Computing, Image Processing, Intelligent Systems, Information Systems, Databases, Decision Support Systems, IT Project Management, Geographical Information Systems, Information Technology, Computer Networks and Security, Wireless Sensor Networks, and other areas related to informatics.

Manuscripts submitted must follow the standard chapter organization as prescribed in this template: **Introduction – Literature Review (optional) – Methods – Results and Discussion – Conclusion – References**. Titles should be concise, informative, and no longer than 15 words while accurately reflecting the content of the article.

2. Literature Review (optional)

The Literature Review provides the theoretical and empirical foundation of the study. This section summarizes relevant theories, prior research, and research gaps that justify the need for the present study. Authors should highlight how previous works relate to the proposed research and identify the contributions the current study intends to make. A well-structured

literature review also demonstrates how the study aligns with existing knowledge while addressing unresolved issues or limitations found in earlier studies.

3.Methods

The Methods section describes the systematic procedures used to conduct the study. Authors must clearly explain the data, research site (if applicable), instruments, techniques, and analytical methods employed to achieve the research objectives.

First, **Data Description** should provide details regarding the type of data used, its sources, characteristics, relevance, and how the dataset supports the research hypothesis or problem statement. A clear explanation enhances the credibility and reproducibility of the research.

Second, **Research Location** (if the study involves fieldwork or experiments) should be described to identify contextual factors that may influence the findings. This allows comparisons with similar studies conducted in different environments.

Third, **Research Methods and Evaluation** must detail the procedures, computational models, tools, algorithms, or statistical techniques used in the study. Authors should justify why specific methods were selected, explain how the methods were implemented, and describe steps taken to ensure the validity, reliability, and reproducibility of the results.

A. Writing Format

The paper size must be A4, which is 210 mm (8.27") wide and 297 mm (11.69") long. The margins are set as follows:

1. **Top = 2,5cm**
2. **Left = 2,5cm**
3. **Bottom = Right = 2cm**

Articles must be written in a single-column format.

Table 1. Font Size for Papers

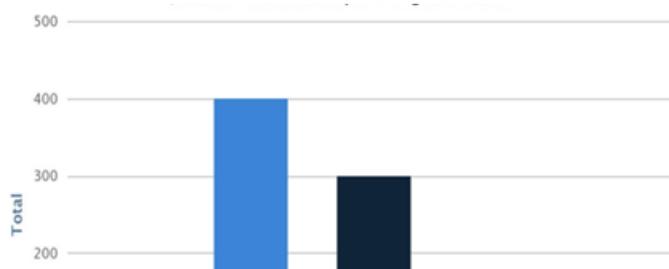|	Normal (Reguler)	Bold	Italic
10	Table Captions (in Small Caps), Figure Captions, reference items		
11	Author Name, Affiliation	Abstract heading and keywords	Author Email
12	HEADING level 1 (in Small Caps), Paragraph, Bibliography	Title	HEADING level 2, HEADING level-3, writers affiliation
16	Title		

Figure 1. Figure Name

Figure 2. (a) Image name point a (b) Image name point b

B. Page Styling

Paragraphs must be organized. All paragraphs must be aligned, i.e., flush left and flush right.

1. **Documents Letter**. All documents must be in Times New Roman or Times font. Other font types may be used if necessary for specific purposes [3]. Font size features can be seen in Table 1.

2. **Left = 3cm**. The title must be in Times New Roman font size 20 pt. The author's name must be in font size 11 pt.

   The title and author must be in a single column format and must be centered. Every word in the title must be capitalized, except for short words such as "a," "and," "in," "by," "for," "from," "on," "or," and similar words. The author's name should not include job titles (e.g., Advisor) or academic titles (e.g., Dr.).

   To avoid confusion, if there is a family name, it should be written at the end of each author's name. Each affiliation must include, at a minimum, the name of the company and the country where the author is located. An email address is required for the author concerned.

3. **Heading Section**. There should be no more than three levels of headings. All headings should be in 12-point font. Every word in a heading should be capitalized, except for short words as listed in Section III-B.
   - Heading Level 1: Heading level 1 must be in Small Caps, centered, and use uppercase Roman numerals [4]. For example, "II. Significance of the Study." Heading level 1 that should not use numbering are 'Acknowledgments' and "References."
   - Heading Level 2: Heading level 2 must be italicized, left-aligned, and numbered using uppercase letters. For example, "C. Data Testing".

C. Graph and Table

Table and graph names should be centered. Captions should be in a regular font size of 10 pt. Images should not use dotted patterns as there is a possibility that they will not print correctly. Use solid colors that contrast well for both computer screen display and black and white printouts [5].

When checking the printed version of the image, make sure that:
- The colors have sufficient contrast,
- The image is clear enough,
- All labels on the image are legible.

1. **Figure Description**. Images are numbered using Arabic numerals. Captions must be in a standard 10 pt font. Single-line captions are centered, while multi-line captions are left and right justified. Captions with image numbers must be placed after the related image.

2. **Table Description**. Tables are numbered using uppercase Roman numerals. Table captions are centered and in a regular 10 pt font with small caps. Every word in the table caption is capitalized, except for short words as listed in section III-B. Table number captions are placed before the related table, as shown in Table 1.

3. **Page Number, Header, and Footer**. Mathematical equations must be numbered sequentially, starting with (1) and continuing through the end of the paper, including the appendix. This numbering must be enclosed in parentheses and written flush right. Add one blank line above and below the equation [6] [7].

3. Results and Discussion

The Results and Discussion section contains the results of the research and a comprehensive discussion of each result obtained from the research discussed. Provide a detailed discussion of the results obtained so that they answer the questions mentioned in the Introduction section.

4. Conclusions

This section provides a brief summary of the research discussed in this article, along with suggestions for further development or follow-up research.

References

Titles in the References section should not be numbered. All reference items should be in 11pt font. Please use italics and regular font to distinguish between different types of references, as shown in the References section. Reference items should be numbered sequentially in square brackets (e.g., [1]).

When referring to a reference item, please use the reference number alone, for example [2]. Do not use "Ref. [3]" or "Reference [3]", except at the beginning of a sentence, for example "Reference [3] indicates that ...". When using multiple references, each number is typed in separate brackets (e.g., [2], [3], [4] - [6]). Several examples of reference items with different categories are shown in the References section, including:

[1] Lisnawita, G. Guntoro, and M. Musfawati, "Implementation of Naïve Bayes for Classification of Learning Types," RDI: Jurnal Teknologi Informasi dan Komunikasi, vol. 13, no. 1, pp. 44–54, 2022. DOI: https://doi.org/10.31849/digitalzone.v13i1.9825

[2] A. M. Dawis et al., "Implementation of Virtual Try-On Product to Enhance Customer Satisfaction," RDI: Jurnal Teknologi Informasi dan Komunikasi, vol. 15, no. 2, pp. 147–158, 2024. DOI: https://doi.org/10.31849/digitalzone.v15i2.20845

[3] R. Asmidewi, Y. Muhyidin, and M. Minarto, "Application of Backpropagation Neural Network in Predicting Mandatory Test Vehicle Parks," RDI: Jurnal Teknologi Informasi dan Komunikasi, vol. 15, no. 2, pp. 133–146, 2024. DOI: https://doi.org/10.31849/digitalzone.v15i2.21030

[4] Lisnawita, G. Guntoro, and L. Costaner, "Hyperparameter Optimization of the Perceptron Algorithm for Determining the Feasibility of Research Proposals and Community Service," RDI: Jurnal Teknologi Informasi dan Komunikasi, vol. 15, no. 2, pp. 172–181, 2024. DOI: https://doi.org/10.31849/digitalzone.v15i2.17812

[5] I. N. Nugraha and E. Utami, "Evaluation of Creative Economy and Tourism Industry Trends based on LDA Analysis with BERTopic," RDI: Jurnal Teknologi Informasi dan Komunikasi, vol. 15, no. 2, pp. 182–195, 2024.DOI: https://doi.org/10.31849/digitalzone.v15i2.23796

[6] F. Faris et al., "System Control of Prototype Forklift Using Android and ESP32 Based on MQTT Communication," RDI: Jurnal Teknologi Informasi dan Komunikasi, vol. 15, no. 2, pp. 196–207, 2024. DOI: https://doi.org/10.31849/digitalzone.v15i2.22724

[7] K. Buhori, "Comparative Analysis of KNN and Neavy Bayes Algorithms in Socio-Economic Data Classification in Indonesia," RDI: Jurnal Teknologi Informasi dan Komunikasi, vol. 15, no. 2, pp. 222–232, 2024. DOI: https://doi.org/10.31849/digitalzone.v15i2.23337

A minimum of 15 references is required, and research articles published within the last five years are recommended.

Acknowledgements