

Title of the Paper (Maximum 12 Words) (14pt Bold)

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Abstract

The abstract consisting of approximately 160–250 words. It briefly presents the research background, objective, methods, results, and conclusions. Avoid references and abbreviations. Use past tense to describe methods and findings. These instructions give you guidelines to prepare papers for JTIF. Otherwise, use this document as an instruction set. Avoid references and abbreviations. Use past tense to describe methods and findings.

Keywords- Put 4-6 of your keywords here, keywords separated by commas

1. INTRODUCTION

The introduction provides the background of the research, the problem being addressed, the research gap, and the objectives of the study. It also sets the context and importance of the study within the field. Manuscripts may consist of scientific research articles, research notes, review articles, feature pieces, literature reviews, or editorials in the fields of engineering and science. Submissions must be written in English and must not have been published or submitted for publication elsewhere. The article title should not exceed 12 words.

Manuscripts should be typed in Garamond using Microsoft Word, on A4-sized paper (210 x 297 mm), with single spacing. Margins should be set to 30 mm on the left and 25 mm on the right, top, and bottom. The text must be justified (aligned both left and right), and the total length should be between 6 to 8 pages, including figures and tables.

2. METHODS AND DATA

This section describes the research design, data collection techniques, instruments, software, and procedures used.

Mathematical equations must be numbered sequentially, beginning with (1) and continuing through to the end of the paper, including any appendices. Each equation number should be enclosed in parentheses and aligned to the right. Additionally, one blank line should be inserted above and below each equation.

$$\rho = \frac{\bar{E}}{J_c(T = \text{const.}) \cdot \left(P \cdot \left(\frac{\bar{E}}{E_c} \right)^m + (1 - P) \right)} \quad (1)$$

3. RESULTS AND DISCUSSION

Present and interpret the findings. Use figures and tables to support the discussion. Explain how the results address the research question. Comparison with related studies is also encouraged.

3.1 Table

Table captions should be placed above the corresponding tables. Captions must use lowercase letters, except for the first letter of the first word. All tables should be numbered consecutively. Figures must be centered on the page, while tables should be aligned to the left margin.

Table 1. First Table Title

Name	Size (bytes)	Dimensions (pixel)
1.GIF	230.308	245 x 200
	250.456	400 x 600
2.GIF	1.219.635	300 x 300
	553.587	400 x 250
	1.686.634	486 x 276
	230.308	245 x 200
3.GIF	1.863.430	272 x 261
4.GIF	553.587	400 x 250
5.GIF	1.686.634	486 x 276

3.2 Figures

Guidelines for presenting images are illustrated in Figure 1. If the image is obtained from a secondary source, the source must be properly cited. Image captions should be placed below the image, and framing the image is not necessary. Ensure that the existing image is of high resolution so that all details are clearly readable 300 dpi.

gid	location	district	urban/vill	constructi	power	type	category	view
145	Gajah Mada Street	North Padang	Mount Pangilun	Teleskopik Pole	80	LED	Conventional	http://surl.li/altfro
146	Gajah Mada Street	North Padang	Mount Pangilun	Teleskopik Pole	80	LED	Conventional	http://surl.li/gkjlxx
147	Gajah Mada Street	North Padang	Mount Pangilun	Teleskopik Pole	80	LED	Conventional	http://surl.li/arxidj
148	Gajah Mada Street	North Padang	Mount Pangilun	Teleskopik Pole	80	LED	Conventional	http://surl.li/hmemrv
149	Gajah Mada Street	North Padang	Mount Pangilun	Teleskopik Pole	80	LED	Conventional	http://surl.li/rtdvof
150	Gajah Mada Street	North Padang	Mount Pangilun	Teleskopik Pole	80	LED	Conventional	http://surl.li/pxpvcr
151	Gajah Mada Street	North Padang	Mount Pangilun	Teleskopik Pole	80	LED	Conventional	http://surl.li/hqvxxk
152	Gajah Mada Street	North Padang	Mount Pangilun	Teleskopik Pole	80	LED	Conventional	http://surl.li/fkaovq
153	Gajah Mada Street	North Padang	Mount Pangilun	Teleskopik Pole	80	LED	Conventional	http://surl.li/foltmq
154	Gajah Mada Street	North Padang	Mount Pangilun	Teleskopik Pole	80	LED	Conventional	http://surl.li/sidbqr
155	Gajah Mada Street	North Padang	Mount Pangilun	Teleskopik Pole	80	LED	Conventional	http://surl.li/itivst
156	Gajah Mada Street	North Padang	Mount Pangilun	Teleskopik Pole	80	LED	Conventional	http://surl.li/ffmkbu

Figure 1. Example of Figure Caption Formatting

4. CONCLUSION

The conclusion should clearly address the research objectives and/or hypotheses outlined in the introduction. It should not repeat the content from the results or discussion sections, but instead provide a concise summary of the key findings in relation to the stated goals. If relevant, the conclusion may also include suggestions or plans for future research directions based on the study.

ACKNOWLEDGEMENTS

Acknowledge the institutions, funding bodies, or individuals who contributed to the research but are not listed as authors. If this research did not receive funding from any party, this statement is still included in this section.

REFERENCES

In-text citations must be written using Arabic numerals and arranged in the order in which they appear in the text. These numbers should be enclosed in square brackets, for example: "... Zhang et al. [1]...". Citations should be placed one space after a word and follow commas or periods, but appear before punctuation marks such as colons (:), semicolons (;), and question marks (?). When positioned at the end of a sentence, the citation should be placed before the period, as in: "... by several studies [2–3]."

All references should be listed in numerical order at the end of the document, following the formatting style shown in the provided examples. The bibliography should be prepared using a reference management tool such as Mendeley, EndNote, Zotero, or similar software. A minimum of 25 references must be cited, with the majority published within the last 10 years.

The bibliography is written following **the IEEE style** format below:

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[1] Author, A. B., Author, C., Author, D. E. "Title of article", Complete Title of the Journal, Volume(Number), pp. xxx–xxx*, Year.
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Chapter of book

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Conference proceeding (published)

[4] Author, A. B. "Title of paper", In: Title of the Conference Proceedings, City of Conference, Country of Conference, Year, pp. xxx–xxx. ISBN
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Website

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Report / Working paper / Technical paper

[6] Author, A. B. "Title of report", Name of the Corporation, City of the Corporation, Country, Documentum identifier (e.g., Rep. XXX), Year.

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Preprint

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Newspaper article

Author, A. B. "Title of article", Name of newspaper, Day, Month, Year, pp. xxx–xxx. [online] Available at: URL [Accessed: Day Month Year]

Webinar, Online Conference

Author, A. B. "Title of paper", presented at Name of Webinar, [webinar] Abbreviated Year, Month, Day, Available at: URL [Accessed: Day Month Year]

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Name of the Ministry/Institute "Regulation code or number, Title of regulation", City, Country, Year. [online] Available at: URL [Accessed: Day Month Year]

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Inventor name, Initials, Assignee "Title of patent", Place, Patent number (status, if it is available), Year.

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Map maker/publisher "Title of map" [map] Map series, Sheet number and Scale (if known), Year. Available at: URL [Accessed: Day Month Year]