

## Use bold for your article title, with an initial capital letter for any proper nouns

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**Abstract:** Abstract must reflect the substance of the whole contents of the article and enable to help readers to determine relevance with their interest and decide whether or not to read the full document. The abstract consists of a statement about the background, objective of the study or focus of discussion, method or important research steps, novelty of the findings and conclusion. The abstract should not exceed more than 250 words.

**Keywords:** Listing important terms, enabling readers to find the article, in range of 3-6 terms

**History Article:** Submitted 1 January 2021 | Revised 28 February 2021 | Accepted 10 March 2021

**How to Cite:** Provide intext citation in IEEE style, e.g. The theory was first put forward in 1998 [1].

## Introduction

Authors should provide an adequate background of the problem, outline and further inquiry of the problem or the gap between what is idealized and what is the reality, supported by relevant theories and recent research, and objective of the study. It is important to note that authors can elaborate the literature or previous research (literature review) in this section to highlight the research novelty. Thus, a different sub chapter on literature review is not necessary. The reference method uses numbers in brackets [1], [2], [3], [4] and so on using the Mendeley IEEE format software. The problem should offer new research benefit as an innovative endeavour, written more or less 20% of the whole body including the title and abstract.

Please follow this guide to show the level of the section headings in your article:

1. First-level headings (e.g. Introduction, Conclusion) should be in bold, with an initial capital letter for any proper nouns.
2. Second-level headings should be in bold italics, with an initial capital letter for any proper nouns.
3. Third-level headings should be in italics, with an initial capital letter for any proper nouns.

## Methodology

This section must be written out briefly and concisely but adequately so that it can be replicated. This section comprises explanation of the research approach, tools and objects under study, use of materials or components and instruments, conducts of the research procedure, the parameters observed, data collection, the design or approach, and analysis techniques. These are not theories. Any specific criteria used by the researcher in collecting and analyzing the research data should be completely described in order to produce clear basiss for the study under similar conditions. This section should be written not more than 15% of the body.

## Results and Discussions

For ease of reading and comprehension, findings are presented first followed by discussion. The Findings sub-title and Discussion sub-title are presented separately. This section should occupy the most part, minimum of 60%, of the whole body of the article.

### Results

Results should be clear and concise. The results should summarize (scientific) findings rather than providing data in great detail. Results of data analyses can be presented in tables, graphs, figures or any combination of the three. The authors are advised to use proper variation in presenting tables, graphs, or verbal description. All displayed tables and graphs should be referred to in the text. What answer was found to the research question; what did the study find? Was the tested hypothesis true?

### Discussions

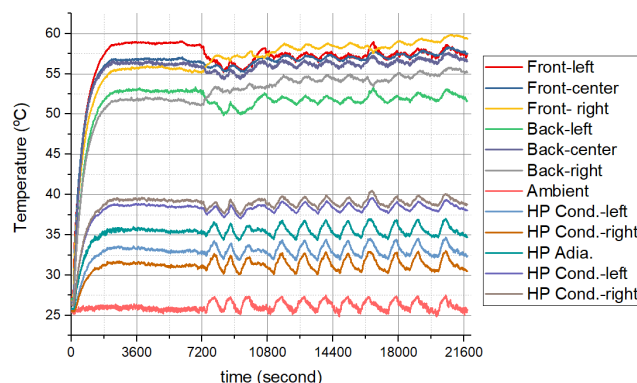
Intended to give interpretation and meaning to the results of the study in accordance with the theories and references that are used. It is not merely used to present findings. Interpretation should be enriched with referencing, comparing, or contrasting with findings of previous research published in reputable journal. It is advisable to integrate findings into collection of theories or established knowledge, development of a new theory, or adjustment of existing theories. Implications of the research findings are also elaborated.

### Tables And Figures

It is very crucial that you have been given permission to use any tables or figures you are reproducing from another source before you submit. Use Tahoma font size 10 for the title of Figure and Table. Tables, pictures or photos must be clear and easy to read, the size is adjusted to the existing column. Giving serial numbers using numbers (1, 2, 3, etc.), with a brief and clear explanation. Image titles are written at the bottom center of the image, while table titles are written at the top center of the relevant table. Make sure that the image is clear enough (in jpg format, with a resolution of at least 300 dpi). Examples of figures and tables are shown in [Table 1](#) and [Figure 1](#). All tables and figures are referred to by active links.

**Table 1.** Power consumption, cost and time

Month	Consumption (kWh)	Cost (USD)
January	10.5	2,000
February	11.0	2,500
March	7.8	1,400
April	4.5	1,050



**Figure 1.** Temperature characteristics

### Equation

The writing of formulas must be numbered consecutively according to the following example. Formulas are written using the Equation Editor in Microsoft Word and numbers are written on the right side. Example, Equation (1).

$$\int_0^{r_2} F(r, \varphi) dr d\varphi = [\sigma r_2 / (2\mu_0)] \quad (1)$$

$$\int_0^{\infty} \exp \exp \left( -\lambda |z_j - z_i| \right) \lambda^{-1} J_1(\lambda r_2) J_0(\lambda r_i) d\lambda. \quad (2)$$

### Conclusion

Conclusion is intended not only to repeat findings. It covers validation of meaning. It can elaborate a statement of what is being expected as proposed in the "Introduction" and what has been reported in the "Findings and Discussion" so that there is compatibility. In addition, this section can also present the prospects of enriching the research findings and developing the potentials for future research.

### Acknowledgments

Intended to pay gratitude to sponsors, fund bearers, resource persons, and other parties that play pivotal roles in the study. The author needs to ask for permission from persons or institutions for mentioning them in the acknowledgements. Editors need not be acknowledged.

### References

Reference entry and quotation are arranged in square brackets using Mendeley. All that are referred to in the text must be listed in the reference list and all that are written in the reference list must be referred to in the text. It is advisable to use journal articles (80% of all reference entries) or prosiding from the last ten years as reference sources rather than books. The journal used as references should be at least 15 articles. All references must be referred to by active links. The author is required to list all the references in the valid way according to the original sources. References are written in accordance with the writing system with the IEEE format as follows:

#### Journal Article

- [1] M. T. Kimour and D. Meslati, "Deriving objects from use cases in real-time embedded systems," *Inf. Softw. Technol.*, vol. 47, pp. 533–541, 2005.

#### Published in Conference Proceeding

- [2] A. A. N. M. Narottama, K. Amerta Yasa, I. W. Suwardana, A. A. N. G. Saptaka, and P. S. Priambodo, "Analysis of AC and DC lighting systems with 150-watt peak solar panel in denpasar based on NASA data," in *Journal of Physics: Conference Series*, 2018, vol. 953, no. 1.

#### Book

- [3] Earl Gates, *Introduction to Basic Electricity and Electronics Technology*. New York: Delmar, 2014.