

Article title in english

(Center, Bold, Times New Roman 17,14 Word Maximum, Uppercase Letter for the First Letter of the Word, After 12 pt)

Author^{1,*}, Author², Author³

(Center, Times New Roman 12, First name Middle name Last name, After 6 pt)

¹ Faculty, Departement, Institution, City, Country

(Center, Times New Roman 10, ¹ If the same affiliation)

² Faculty, Departement, Institution, City, Country

Email: ^{1,*}Author1@email.com, ²Author2@email.com

^{*)} Corresponding email

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Abstract—The abstract written in English must contain: purpose of the paper, methods, result, and novelty within 100-250 words maximum.

Purpose: This is where you explain ‘why’ you undertook this study. If you are presenting new or novel research, explain the problem that you have solved. If you are building upon previous research, briefly explain why you felt it was important to do so. This is your opportunity to let readers know why you chose to study this topic or problem and its relevance. Let them know what your key argument or main finding is.

Methods/Study design/approach: This is ‘how’ you did it. Let readers know exactly what you did to reach your results. For example, did you undertake interviews? Did you carry out an experiment in the lab? What tools, methods, protocols or datasets did you use?

Result/Findings: Here you can explain ‘what’ you found during your study, whether it answers the problem you set out to explore, and whether your hypothesis was confirmed. You need to be very clear and direct and give exact figures, rather than generalise. It’s important not to exaggerate or create an expectation that your paper won’t fulfill.

Novelty/Originality/Value: This is your opportunity to provide readers with an analysis of the value of your results. It’s a good idea to ask colleagues whether your analysis is balanced and fair and again, it’s important not to exaggerate. You can also conjecture what future research steps could be.

Keywords: *Keyword1, Keyword2, Keyword3, Keyword4, Keyword5*

1. INTRODUCTION

(Align Left, Bold, Times New Roman 13, Uppercase Letters, After 6 pt, Before 18 pt)

Articles are made into 1 column pages on A4 paper size. For Top Margin, Left Margin, Bottom Margin and Right Margin, please use this template as a reference. The manuscript was created using Microsoft Word, single spaced, 10 pt Times New Roman.

Please select an article title with the fewest possible words necessary to adequately describe the content. The introduction should describe the background of the research, the proposed solution and comparable related work. If there is a quotation in the article, you **MUST** use [1], [2] and so on using the Mendeley or Endnote citation tool in IEEE format. Terms in foreign languages are written in italics.

It is recommended for authors to use the following article structure: **INTRODUCTION** (min 800 words) – **RESEARCH METHODS** (min 700 words) – **RESULTS AND DISCUSSION** (min 1750 words) – **CONCLUSION** (min 350 words). Minimum 7 pages and maximum article containing 13 pages.

2. RESEARCH METHODS

2.1 Sub Title1 (Subtitle Times New Roman 11, Left, After 6 pt)

Contains an explanation of the research stages (**MUST BE IN THE ARTICLE**) which describes the logical sequence to obtain research results in accordance with expectations and system description. If there are figures and tables, they must be presented with the name of the table and figure accompanied by a sequential number.

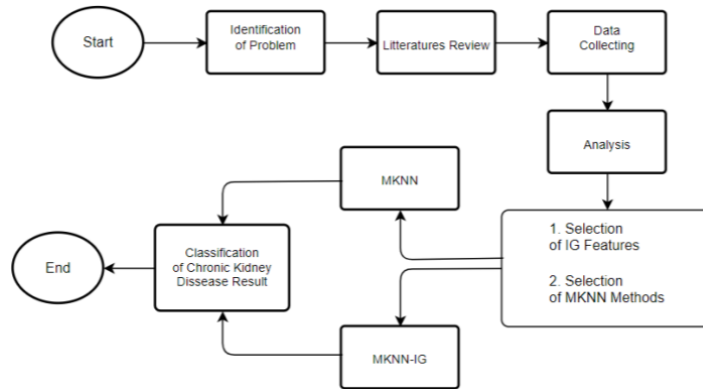
2.2 Sub Title 2 (After 6 pt, Before 6 pt)

In the manuscript, quotation numbers are sequentially in square brackets [3], as well as table numbers and figures sequentially as shown in Table 1 and Figure 1.

Tabel 1. Types of databases (After 6 pt, Before 6 pt)

Name	Number	Field
MySQL	10	100
Oracle	15	130
Access	20	400

(Center table title, no vertical lines, **TABLE writing is prohibited as an IMAGE**)

**Figure 1.** Research Steps and Methods. (After 6 pt, Before 6 pt)

Use high quality for the images used and provide explanations for the images used. Formulas use the Formula Editor found in Microsoft Word. The formula numbering is done sequentially based on the order of the formulas in the article, and written like (1).

$$\int_0^{\infty} \exp(-\lambda |z_j - z_i|) \quad (1)$$

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

3. RESULT AND DISCUSSION

This section contains the results and discussion of the research topic, which can be created first as a research methodology. This section also represents explanations in the form of explanations, pictures, tables and others. The number of words in this section is around **1750 words minimum**.

3.1 Subtitle 1

- a. Use lowercase and alphabetical letters for list numbering.
- b. Set 5 mm for the left side protruding inward.
- c. If there is more than 1 numbering level, use numerical numbering for the next list:
 1. Use numbering.
 2. Next

3.1.1 Subtitle 2

(For numbering lists, use a, b, c and so on)

3.2 Implementation (if any)

Contains implementation or testing results.

4. CONCLUSION

This section contains conclusions that answer all the problems contained in the research. The number of words in this section is around **350 words minimum**.

THANK-YOU NOTE

Thank you to the parties who have supported the implementation of this research.

All references cited in this article **MUST BE IN THE CONTENTS OF THE ARTICLE** and **MANDATORY** to use reference tools such as **MENDELEY, ZOTERO or ENDNOTE in IEEE format**, 80% **PRIMARY** literature (journals, proceedings, research reports, patents, standards, historical documents, results books research) and 20% **SECONDARY** literature (books, reliable websites) within at least the last 10 years

The minimum number of references used is 13 references.

REFERENCES (After 6 pt, Before 6 pt)

(Time New Roman, 9) Reference Example

- [1] P. Bhattacharyya, *Machine Translation*. Boca Raton: Taylor & Francis Group, 2015.
- [2] A. Maslan, Y. Setiono, and F. Alfazri, "Pengembangan Smart Application Translation Aneka Bahasa Sulawesi Berbasis Android," *TEKNOSI*, vol. 02, no. 01, pp. 55–64, 2016.
- [3] A. Karmakar, S. S. Roy, F. Vercauteren, and I. Verbauwhede, "Efficient finite field multiplication for isogeny based post quantum cryptography," 2017, doi: 10.1007/978-3-319-55227-9_14.
- [4] F. Rohman, P. W. Buana, A. Agung, and K. Wiranata, "Rancang Bangun Penerjemah Bahasa Indonesia ke Bahasa Jawa Berbasis Android," *J. Ilm. Merpati (Menara Penelit. Akad. Teknol. Informasi)*, vol. 3, no. 1, pp. 40–47, 2015.
- [5] N. Afifah, T. B. Santoso, and M. Yuliana, "Pembuatan Kamus Elektronik Kalimat Bahasa Indonesia dan Bahasa Jawa untuk Aplikasi Mobile Menggunakan Interpolation Search," *Semin. Proy. Akhir Jur. Tek. Telekomun. PENS-ITS*, pp. 1–7, 2010.
- [6] K. T. C. Resmawan, I. K. R. Arthana, and I. M. G. Sunarya, "Pengembangan Aplikasi Kamus Dan Penerjemah Bahasa Indonesia–Bahasa Bali Menggunakan Metode Rule Based Berbasis Android," *KARMAPATI (Kumpulan Artik. Mhs. Pendidik. Tek. Inform.)*, vol. 4, no. 2, pp. 70–81, 2015.
- [7] R. M. M. Shalini and B. Hettige, "Dictionary Based Machine Translation System for Pali to Sinhala," *Sri Lanka*, no. October 2017, p. 6, 2017.
- [8] D. V Sindhu and B. M. Sagar, "Dictionary Based Machine Translation from Kannada to Telugu," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 225, p. 012182, 2017, doi: 10.1088/1757-899x/225/1/012182.
- [9] A. A. Suryani, D. H. Widyantoro, A. Purwarianti, and Y. Sudaryat, "Experiment on a phrase-based statistical machine translation using PoS Tag information for Sundanese into Indonesian," *2015 Int. Conf. Inf. Technol. Syst. Innov. ICITSI 2015 - Proc.*, 2016, doi: 10.1109/ICITSI.2015.7437678.
- [10] T. Apriani, H. Sujaini, and N. Safriadi, "Pengaruh Kuantitas Korpus Terhadap Akurasi Mesin Penerjemah Statistik Bahasa Bugis Wajo Ke Bahasa Indonesia," *J. Sist. dan Teknol. Inf.*, vol. 1, no. 1, pp. 1–6, 2016.
- [11] C. Adiputra, Krisna and Y. Arase, "Performance of Japanese-to-Indonesian Machine Translation on Different Models," *Proc. 23rd Annu. Meet. Linguist. Process. Soc.*, no. C, pp. 7–10, 2017.
- [12] H. Sujaini, "Meningkatkan Peran Model Bahasa dalam Mesin Penerjemah Statistik (Studi Kasus Bahasa Indonesia-Dayak Kanayatn)," *Khazanah Inform. J. Ilmu Komput. dan Inform.*, vol. 3, no. 2, p. 51, 2017, doi: 10.23917/khif.v3i2.4398.
- [13] H. Tanuwijaya and H. Manurung, Maruli, "Penerjemah Dokumen Inggris-Indonesia Menggunakan Mesin Penerjemah Statistik Dengan Word Reordering dan Phrase Reordering," *J. Ilmu Komput. dan Inf.*, vol. 2, no. 1, pp. 17–24, 2009.
- [14] Neural Machine Translation Attention Based," *J. Kelitbangan*, vol. 06, no. 02, pp. 191–206, 2018.

- [15] K. Papineni, S. Roukos, T. Ward, and W.-J. Zhu, "BLEU: a Method for Automatic Evaluation of Machine Translation," *Proc. 40th Annu. Meet. Assoc. Comput. Linguist.*, pp. 311–318, 2002, doi: 10.1002/andp.19223712302.

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