

TEMPLATE JURNAL JESSI TEKNIK KOMPUTER UNIVERSITAS NEGERI MAKASSAR

(Titles using bolded Times New Roman fonts written with block letter size 14 should not exceed 15 words)

Nama Penulis Pertama¹, Penulis Kedua², dan seterusnya... (Font Times New Roman size 11)

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Abstract (Times New Roman font size 11)

Abstract: Abstract made in two languages namely Indonesian and English. Abstract consisting of one paragraph, the number of words between 75-250 words. Abstracts should contain an introduction, methods, results and discussion and conclusions. Unless the articles in the form of studies or reviews can be adjusted. Abstract does not contain a description of mathematical and statistical language, it does not contain a quote, do not use abbreviations. font Times New Roman and size 10.

Keywords: keyword representing a maximum of 5 words writing

Abstrak (Font Times New Roman size 11)

Abstrak merangkum keseluruhan isi penelitian mulai dari latar belakang, tujuan, metode, hasil pembahasan dan kesimpulan penelitian dituliskan dengan singkat dan jelas. Panjang abstrak tidak boleh melebihi 150 kata. Abstrak menggunakan font Times New Roman dan size 10. Kata kunci merupakan kata-kata utama pada pembahasan penelitian dan dapat meningkatkan kemudahan dari pihak yang berkepentingan.

Kata kunci: maksimal 5 kata terpenting dalam artikel

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1. Introduction (size 11)

The introduction explains the background, research objectives, shows related research (*overview*) then explains the differences with previous research (*novelty*) and proposed methods or methods used to solve previous problems (*state of the art*). This introduction is written concisely and clearly. So that the reader can understand the flow of his research. All chapter titles use numbering as in the introductory chapter using the number 1, the theoretical foundation chapter uses the number 2 and so on. The preliminary body uses **times new roman font and size 10**. [1]–[3].

2. Method (size 11)

The method describes the stages or procedures of the research and the algorithms used in the study[4]. In the method chapter, theoretical clarity is also needed regarding the proposed method. The research method is written using the font Times New Roman size 10, the captions of Figures and Tables are given numbers 1,2,3 and so on. The table is written without vertical lines and the caption Table is at the top and the image caption is below, examples can be seen in Table 1 and Figure 1. Every Image and Table should be referenced in the body of the manuscript, for example..... seen in Figure 1, or can be seen in Table 1 onwards.

2.1. Sub chapter Headings (size 11)

Sub chapters are written starting from the number 2.1 onwards the same in the other chapters. Type the font Times New Roman with a size of 10. The spacing between the lines of each paragraph uses 1 space.

Table 1. How to Create a Table (size 10)

Heading 2		
Heading/Title 1	Sub Headin g 2.1	Sub Heading 2.2
120	344	345
121	432	344
...		

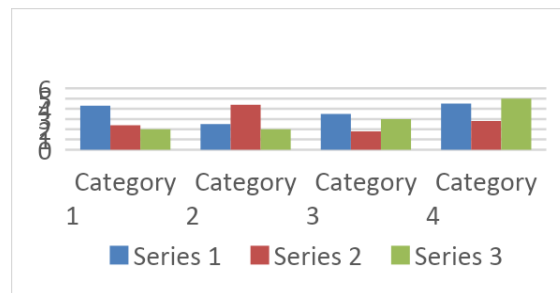


Figure 1. Example of an image caption (size 10)

3. Results and Discussion (size 11)

The results show the final achievements in the study can be in the form of prototypes, analysis, comparisons or others. Meanwhile, the discussion explains the results that have been obtained. The results and this discussion are in a non-separate chapter. The font type uses Times New Roman and size 10 is the same in the previous chapters. Writing formulas/formulas/equations using number markers (1) (2) (etc...) such as example equations (1) and formulas (2). Every equation had to be called in the body of the script for example..... this method uses equation 1..... and so on.

$$A = \pi r^2 \quad A = \pi r^2 \quad (1)$$

$$(x + a)^n = \sum_{k=0}^n \binom{n}{k} x^k a^{n-k}$$

$$(x + a)^n = \sum_{k=0}^n \binom{n}{k} x^k a^{n-k} \quad (2)$$

4. Conclusions and Suggestions (size 11)

The conclusions describe a summary of the research that explains the achievements obtained in the results using the proposed method. The suggestion explains the proposals for further research to further refine the research results that have been obtained. The font type uses Times New Roman and size 10 is the same in the previous chapters.

5. Acknowledgments (Choice)(size 11)

Thank you for explaining about the remarks to the sponsor who provided sumbangsi financial assistance on your research (not a supervisor).

Bibliography(size 11)

IMPORTANT NOTES IN THE BIBLIOGRAPHY AS FOLLOWS:

1. Library list authoring style using IEEE style

2. The bibliography is a national or international scientific journal, the latest books (**recommended for the last 5 years**) and a website. The number of references and **bibliography is at least 15 references with a composition of 10 journals and 5 books.** References should not be taken from blogs or Wikipedia. **References from the website are websites that are official in nature, for example explaining the specifications of the tools / software used in research.**

3. It is recommended to **use MENDELEY in organizing / managing the Bibliography**, and the tutorial can be seen in the Author's Guide on the ILKOM Scientific Journal website

4. The bibliography headings are not given the number as in the introductory chapter to the conclusion. The font type uses Times New Roman and size 11 while the contents of the Bibliography font Times New Roman size 10.

Standard format for writing references from journals in the IEEE style:

- [1] Penulis, "Judul Paper", Abbrev. *Judul Periodical*, vol. X, no. X, pp. xxx-xxx, Abbrev.Month, year.

Example of writing references from journals with the IEEE style:

- [1] R. Hempel and D. W. Walker, "The emergence of the MPI message passing

standard for parallel computing," *Comput. Stand. Interfaces*, vol. 21, no. 1, pp. 51–62, 1999.

- [2] T. Hoefler *et al.*, "MPI + MPI: A new hybrid approach to parallel programming with MPI plus shared memory," *Computing*, vol. 95, no. 12, pp. 1121–1136, 2013.
- [3] H. Jin, D. Jespersen, P. Mehrotra, R. Biswas, L. Huang, and B. Chapman, "High performance computing using MPI and OpenMP on multi-core parallel systems," *Parallel Comput.*, vol. 37, no. 9, pp. 562–575, 2011.
- [4] M. H. Botutihe, "Model Neural Network Berbasis Forward Selection," *Ilk. J. Ilm.*, vol. 9, pp. 239–243, 2017.

Standard format of writing references from books in the IEEE style:

- [1] Penulis, Judul Buku. Edisi. Kota Terbit : Nama Penerbit, Tahun Terbit.

Jika sumber pustaka hanya menggunakan Bab tertentu (Chapter), maka secara lengkap dituliskan sebagai berikut:

- [1] Penulis, "Judul Bab/Bagian (Chapter)", in *Judul Buku*, edisi. Kota Penerbit : Nama Penerbit, Tahun Terbit, Bab x, Sub.Bab x, pp. xxx-xxx

Catatan khusus : Jika jumlah penulis lebih dari tiga orang, maka dituliskan satu orang, tambahkan *et al.*

Example of writing references from a book in the IEEE style:

- [1] Oliviero, Andrew and Woodward, Bill, "Cable Design" in *Cabling The Complete Guide To Copper and Fiber Optic Networking*, 4th ed. United State of America: Wiley Publishing, Inc, 2009. pp. 19 – 33.
- [2] J. Moran, Michael and Shapiro, H.N., *Fundamentals Of Engineering Thermodynamics*, 2nd ed. United States of America : John Wiley and Son, 1993.
- [3] B. Stanley, *et al.*, C++ Primer, Fourth Edition, Massachusetts : Addison Wesley Professional, 2005.
- [4] Bell, A. Graham, "Performance Tuning", in *Theory and Practise – Four Stroke*, First Edition, United of Kingdom : Haynes Publishing, 1981.
- [5] Editor, Abdul Basri Saifuddin, *et al.*, Buku Acuan Nasional Pelayanan Kesehatan Ibu

melahirkan dan Bayi lahir, 1st ed., Jakarta :
Yayasan Bina Pustaka Sarwono Prawirohardjo,
2002

**Standard format reference from the official website
(www) with IEEE style:**

[1] Penulis. (tahun, bulan tanggal). *Judul (edisi)* [Tipe media]. Available: [http://www\(URL\)](http://www(URL)).

**Example of writing a reference from a Website with
an IEEE style:**

[1] Koza, John. (2001, Nov.8) *Operators of Genetic Algorithm* [online]. Available : <http://www.cs.felk.cvut.cz/~xobitko/ga/operators.html>.

NOTE:

Writing the sequence number of the Bibliography if all are joined (ref. from journals, books and websites) then it must be sequential in numbering, for example the first reference to the journal then starting from [1] then for example the book then continuing [2] and for example the next website then continued [3] and so on.