



## Appendix 1. Instructions for Preparing Manuscript for KAPAL: Jurnal Ilmu Pengetahuan dan Teknologi Kelautan (2020 Template Version)

### Abstract

The abstract should provide a brief background of the problem (preferably 1-2 sentences), clear objective of paper, research method in short, and a brief summary of results/findings, and short conclusion. Avoid using technical jargon and uncommon abbreviations. You must be accurate, brief, clear and specific. Use words which reflect the precise meaning. The abstract should be precise and honest. Please follow word limitations (100-250 words).

### Keywords :

Maximum of 5 keywords separated by semicolon (;), crucial to the appropriate indexing of the papers, are to be given. eg: Artificial Intelligence; Genetic Algorithm; Fuzzy Logic; ...

### 1. Introduction

The introduction should discuss several things, namely: **1) Research Background.** The importance of the research to be carried out must be stated. **2) Literature review.** Explain the previous research related to the current research, then state the position and the difference of the current research with the previous research. **3) Objective and Benefits of research.** There are no sub-chapters in the introduction.

### 2. Methods

The methods must include several things, namely: **1) The object of research.** Describe the object of research. Explain the acquisition of research data. **2) Treatment of research objects.** Indicate variations were carried out in the study. **3) Methods of solving along with the procedures used to examine.** Point out whether the method has been widely used or the latest method along with the advantages and disadvantages of the method. **4) Tools and materials used in research.** Describe the main tools and materials used, but no need to explain in detail.

### 3. Results And Discussion

This chapter contains the results or findings of the research with the discussions. There is not allowed to only display the research data without the discussion. The contents of the discussion can also be compared with research data from other researchers. Describe the result of research in accordance with existing theories or with other similar research. The impact of changing variables that have been stated in the Methods Chapter must also be discussed with scientific reasons.

#### 3.1. Instructions for Using the Table

The table is not allowed as a picture. The table starts with "Table 1" and so on. It does not start with a chapter or sub-chapter. For example : "Table 1" and not "Table 3.1". The title of table is written with capital letters at the beginning of words. The position of the table along with the title are in the center and is above the table.

Table 1. Example

X Variable	Y Variable
2.0	3.0
2.5	5.0

The table is made with horizontal lines without vertical lines. Tables are made without color. Table labels use a bold font. The table must "in line with text", it can't be above the text. To referring the table, don't use the word "above", (e.g. "in the table above"), but it should be immediately mentioned to the table name, (e.g. "in Table 1"). Examples of tables can be seen in the template.

#### 3.2. Instructions for using images and graphics

Images and graphics must be displayed clearly and not blurry. The position must be in the "center" and "in line with text". Image numbering starts from "Figure 1" and so on. The image title is directly below the image. The name of the image title is written in capital letters at the beginning of the word. To referring a picture, do not use the word "above", (for example: "in the picture above"), but instead directly refer to the name of the image, (for example: "in Figure 1").



Figure 1. Diponegoro University Logo

### 3.3. Instructions for using math equations

Equations are written using the equation editor on Mic. Word. Mathematical equations are written in **2 columns tables without borders**. The first column for writing mathematical equations and its position is in the **center** of the column. The second column for writing the equation number and its position is **align right** of the column. The equation number starts from 1 to the end without being associated with a chapter or sub-chapter, for example: Eq. 1. The explanation of the symbol of the equation explained in the paragraph, it is not allowed to explained vertically. Examples of writing mathematical equations along with an explanation of symbols can be seen in the template.

$$F_r = \frac{v}{\sqrt{gL}} \quad (1)$$

$$F = ma \quad (2)$$

where  $F_r$  is Froude Number.  $v$  ship velocity.

### 4. Conclusion

The conclusion must answer the research objectives. Avoid a numbering to describes the conclusion. If absolutely necessary, numbering should be done horizontally as follows: 1) Fill in number one. 2) Fill in number two. 3) Fill in number three. There are no sub-chapters in the conclusion.

### Acknowledgment

If needed, please say thank you to the person/institution who helped the research.

### References

All references that referenced in the article must be listed in the references with a minimum number of references in each article 10 references. It must contain 80% of primary sources (scientific journals) published no later than ten years. Writing a reference system in the article text should use a reference management application program such as **Mendeley, EndNote, and Zotero with the IEEE (numbering) format**. It is not recommended to write manually. References are written with the letters Times New Roman 12. Examples of writing references (citations) and bibliography are as follows. For books [1], book chapters [2], online journal articles / e-journals [3], conference articles [4].

- [1] O. M. Faltinsen, *Hydrodynamics of High-Speed Marine Vehicle*, Cambridge: Cambridge University Press, 2005.
- [2] W. S. Vorus, "Vibration," in *Principle of Naval Architecture Series*, Jersey City, The Society of Naval Architects and Marine Engineers, 2010
- [3] H. Hashimoto, S. Yoneda, Y. Tahara and E. Kobayashi, "CFD-Based Study on the Prediction of Wave-Induced Surge Force," *Ocean Engineering*, vol. 120, pp. 389-397, 2016.
- [4] M. Iqbal and I. K. A. P. Utama, "An Investigation into the Effect of Water Depth on the Resistance Components of Trimaran Configuration," in *The 9th International Conference on Marine Technology*, Surabaya, 2014.

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### **Jurnal Ilmu Pengetahuan dan Teknologi Kelautan**

e-ISSN : 2301-9069 – p-ISSN : 1829-8370

Department of Naval Architecture – Diponegoro University, Semarang – Indonesia.

Phone & Fax : +62-24-76480784, e-mail : [jurnal.kapal.undip@gmail.com](mailto:jurnal.kapal.undip@gmail.com)

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