

## INSTRUCTIONS FOR PREPARING A PAPER IN JURNAL TEKNIK INDUSTRI UK. PETRA

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### ABSTRACT

This article illustrates preparation of your paper using MS-WORD. Papers should not be numbered. The manuscript should be written in English. The length of manuscript should not exceed 12 pages in this format using A4 single-sided papers. The title page should include the succinct title, the authors, and an abstract of around 200 words at the beginning of the manuscript. The affiliation, address and zip code, and telephone and fax numbers as well as e-mail address should be listed below the author's names. The paper begins with a title which uses 14pt Times New Roman. This is followed by the details for each author in 10pt Times New Roman. Section titles are bolded in 11pt Times New Roman. The remainder of the paper should be typed in 11pt Times New Roman. Please set your margin before you type your article by looking at the page setup of this template. If you have any question on the format, please send a message to puslit@petra.ac.id.

**Keywords:** Up to six keywords should also be included.

### 1. INTRODUCTION

The easiest way to make sure that the paper conformed to the requirement is to use this document as a template and copy paste your content into this document. The main part of the paper is formatted into single columns with single spacing. Section headings should be concise and numbered sequentially, using a decimal system for subsections. Emphasized *words* should be written in italic, but such emphasis should be sparingly used. The page setup for "Jurnal Teknik Industri": Top and Inside = 1.18", Bottom and Outside = 0.79", Gutter = 0". The orientation is Portrait with Mirror margin. The paper size is custom with Width = 7.48" and Height = 10.24". The layout is Different odd and even with Header = 0.69" and Footer = 0.3". The vertical alignment is Top.

If the heading should run into more than one line, the run-over should be flushed left

### 2. HEADING

If the heading should run into more than one line, the run-over should be flushed left.

## 2.1 Second-Level Heading

The next level of heading is boldface italics with upper and lower case letters. The heading is flushed left with the left margin

### 2.1.1 Third-Level Heading

The third-level of heading follows the style of the second-level heading. Avoid using more than three levels for heading.

## 2. MATHEMATICS

Equations should be numbered consecutively beginning with (1) to the end of the paper, including any appendices. The number should be enclosed in parentheses and set flush right. An extra line of space should be left above and below a displayed equation or formula. The equation size is defined as follow Full 11pt, Subscript/superscript 8 pt, Sub-Subscript/superscript 6pt, Symbol 12 pt, Sup-symbol 10 pt. Insert equation for writing an equation and please use style math.

$$f(t) = \int_0^t F(u)du + \frac{dg(t)}{dt} \quad (1)$$

Variables should be written in italic and the numeric index in Time New Roman, e.g.,  $X_1, \dots, X_n, Y_i, i = 1, \dots, n$ . Please use, ":" to define a variable and "=" to assign a variable to a constant or equation, e.g.,  $N$ : size of data,  $X = 1$ . The decimal is separated by "." and ',' is used to separated numbers in parentheses, or sequence of numbers, e.g., (0.234, 123.135, 4562.234). All parentheses should be written in Time New Roman, e.g.,  $(X_1, X_2), [i]$ .

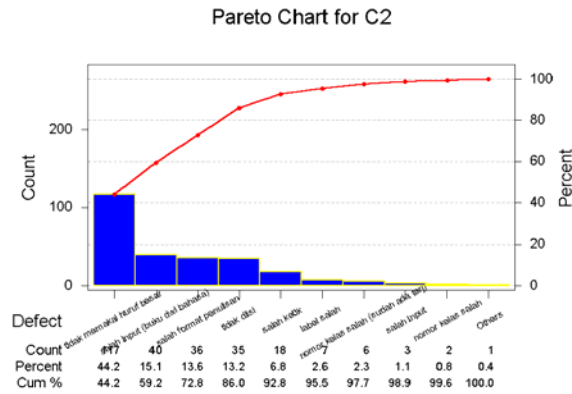
## 3. THEOREM AND LEMMA

**Theorem 1.** *Sections, theorems, lemmas, corollaries, propositions, examples, remarks, figures, and tables should be sequentially numbered in each category. The statements of each theorem, lemma, corollary, and proposition should be written in italic.*

**Proof.** The proof is done  $\square$

## 3. FIGURES AND TABLES

All table and figures should be numbered serially, using Arabic numeral but each category being numbered separately. Each figures should be have a caption below the figure. The caption of a table should appear at the top of the table. The words in each caption and the table contents should be written in the lower case except the first character of the sentence. All table, figures, drawings and half-tone illustrations (pictures) should, as far as possible, appear in appropriate place within the body of the text, and must be in a form suitable for printing. The alignment of a figure is in center and in left for a table. Figures should be in frameless format.



**Figure 1.** Quality of filter mapping

Figure 1: The caption of a figure should appear at the bottom of the figure.

Figure 1 and Table 1 illustrate Theorem 1.

Table 1: The caption of a table should appear at the top of the table.

**Table 1.** Caption the title of the table in bold style

Index	Title of column 1	Title of column 2	Title of column 3
1	Left handed	Center	Not appropriate
2	Right handed	Center	Appropriate

**ACKNOWLEDGMENT**

Please write your acknowledgment in this section.

**CITING REFERENCES**

The references should be listed in the alphabetical order of the author names and in the order of the publication years within the same author’s works. Each reference should be written in the order of the authors, the publication year, the title or source. Journal names, names of conferences, proceedings, and book titles should be italicized and should have the first character of each word uppercase, except for the conjunctions and articles. The article title should be written between apostrophes, e.g., "The Title of this Paper: An Example." and should have the first character of each word uppercase, except for the conjunctions and articles. The volume, series and pages are written consecutively. The styles of references are illustrated. The three or more authors of a reference should be written as the first author followed by '*et al.*', for instance, (Forza *et al.*, 1990) at the end of a sentence, Forza *et al.* (1990) in a sentence. It is recommended to avoid referring a Web source since the availability is not secured. If there is an official document source, for instance, a journal paper, for the same document, please refer the official document. However, you may sparingly use Web sources. In the case, when available, the title, the author name, and the year should be clarified in addition to the detailed address.

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## APPENDIX