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**Title in English (Times New Roman 14 pt, Single Spaced, Bold, Justified): Title written in 15 words maximum**

First Author <sup>1</sup>, Second Author <sup>2\*</sup>

<sup>1</sup> Study Program, Faculty, University; <sup>2</sup> Study Programs, Faculties, Universities

Note: If you come from the same study program, you don't need to add numbers, just mark them with an asterisk (\*) to find out the corresponding author.

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**Keywords:**

Written in 3-5 words/phrases. The keywords are separated by a semicolon (;).

**Abstract**

Each manuscript must begin with an abstract of up to **150 words** and followed by keywords. Abstracts are written in **English**. The description in the Abstract uses the font Times New Roman 9 pt, spacing 1 space, justified. Abstract is written in 1 (one) paragraph. The contents of the abstract include: **background, objectives, methods used, results and conclusions**.

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**INTRODUCTION (Times New Roman font size 11 bold capitalized, aligned left)**

In writing papers, this template should be used to make it easier for writers to arrange the layout of the paper they are writing. It is hoped that the author follows all the rules in writing this as well as possible.

The complete manuscript in MS-Word soft file format is submitted via the Semesta Teknika website at the URL address: <http://journal.um.ac.id/index.php/st/>

**Writing Format**

Manuscripts are written on standard A4 paper (21 cm x 29.7 cm). Writing is arranged in 1 column as in this template with a top margin of 2.5 cm, bottom 2 cm, left 3 cm and right 2 cm (for portrait layout). If there are tables or images that use a landscape layout, the top margin is 3 cm, bottom 2 cm, left 2 cm and right 2.5 cm. The contents of the paper are written in Times New Roman font size of 11 pt with 1 space spacing, and aligned left and right (justified). Between paragraphs are spaced 6 pt. The number of manuscript pages is not more than 15 pages.

*Title Section / Subchapter*

The title of the section is written in Times New Roman 11 pt font, left, italic and without numbering.

*subsection title*

The title of the subsection is written from the left edge with the font Times New Roman 11 pt and Italic, and is written in capital letters only at the beginning of a word/sentence. The title of the subsection is written without a number.

**2. Page numbers, headers and footers**

In the paper please do not need to include page numbers, headers and footers. This section will be added by the editor.



In this introductory section, the authors are expected to describe the research background, research objectives, literature review, and research gaps (state of the art). Authors are required to describe the research gap in the manuscript to determine novelty.

It can be written in 1 or 2 paragraphs like the following:

"Previous research findings discussing the use of technology systems... have been put forward by Doe (2016) on aspects of... while our research emphasizes the development of the use of technology systems..."

## **RESEARCH METHODS**

In this section, the author is required to describe (a) how the research was conducted, (b) what approaches were used, (c) what data collection techniques used, (d) how the data were analyzed. Everything is written without using bullet and numbering formats. If using the numbering format, please write it horizontally like the example above.

## **RESULTS AND DISCUSSION**

Figures and tables are placed in the center of the page. The image title is placed on the bottom side of the image with center format, while the table title is placed on the top side of the table with center format. Both are written in Times New Roman font 10 pt. The letters in the table use Times New Roman 10 pt 1 space. Letters for information on pictures should be large enough and clear so that they are easy to read.

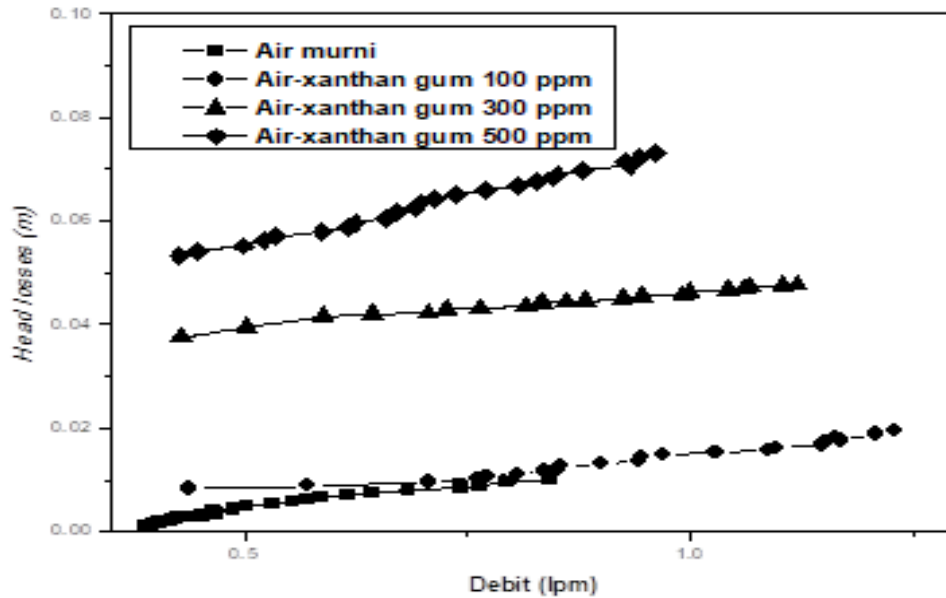
Color images must be changed to Black/White or Gray, because the hardcopy edition of this journal does not print special color pages. Images must also have good resolution so that when printing does not change the image quality. If necessary, the author can include images in a separate file to make it easier for the editor to make adjustments/edits.

Figures and tables must be referred to in the paper and placed as close as possible to the description referred to the first time. Figures and tables are numbered in order from number 1 onwards. An example of an image can be seen in Figure 1, while an example of a table can be seen in Table 1.

If there are large (insufficient) pictures or tables, then these pictures or tables are placed at the top or bottom on a page, adjusted to the description that explains it.

Tables and figures should be original, not reproductions with unclear sources. If the author uses tables and figures from other sources, it is recommended that the author has obtained permission to use copyright or a copyright agreement to be included in the paper. It is recommended that the author does not violate the copyright of other authors from journal sources or books that have been published.

Example:



**Figure 3.** Comparison of the discharge value to the pressure drop value

**Table 1.** Properties of the working fluid

No	working fluid	Properties			
		Density (kg/m <sup>3</sup> )	Viscosity (Pa.s)	n	K
1	Pure water	996.96	8.60E-04	-	-
2	Water-xanthan gum 100 ppm	984.93	-	0.96	7.16
3	Water-xanthan gum 300 ppm	992.97	-	0.70	7.95
4	Water-xanthan gum 500 ppm	996.99	-	0.69	8.36

Equations are written using the Equation Editor or similar. Each variable in the equation is annotated the first time it appears. All equations are written on the left, with the serial number of the equation aligned to the right.

Example:

$$\gamma_b = \frac{W_b}{V} \quad (1)$$

with  $\gamma_b$  = wet soil volume weight (kN/m<sup>3</sup>),  $W$  = wet soil weight (kN) and  $V$  = soil volume (m<sup>3</sup>). Each unit used in the equation must refer to SI.

For equations that require more than one line, the equation can be arranged in two or more lines. If the equation involves the use of a large matrix form, then the equation can be written in one column such as an Image or Table format.

Presentation of research results is discussed by connecting with previous research studies.

## **CONCLUSION**

The conclusion section contains a summary of research results and research implications.

## **ACKNOWLEDGEMENT (OPTIONAL)**

Authors can write thanks to those who have helped in the research published in this journal. If there is a grant for the research, the authors can state it in this section.

## **REFERENCES**

Writing references to *Semesta Teknika* follows the APA 7th Edition writing format. Authors are advised to use a reference manager tool such as Mendeley/Zotero/Endnote. If you are still using the format for writing references manually, you can see the writing rules via the following link:

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