Title of Paper

(Use Title Style: 14 point, bold, centered, all CAPS)

ABSTRACT

(Use Heading 1 Style: 12 point, bold, all CAPS, centered, not numbered)

(Use Normal Style for Text body throughout the document, separate headings and paragraphs with double space) Contains information presented in the writing and is easy to understand. The abstract should briefly include the background (10%), objectives (10%), methods (20-25), findings (45-55%), and conclusions (5-10%).

Keywords: *List up to 5 words or phrases (left margin), CAP only first letter of first keyword*

1. INTRODUCTION/PENDAHULUAN

(Use Heading 1 Style and add number:12 point, bold, centered, all CAPS)

(Use Normal Style for text body throughout the document) Includes the background of the problem that prompted the implementation of the engineering and research, citations of relevant previous findings, as well as the objectives of the engineering or research.

1.1. **Subheading** (Use Heading 2 Style: 12 point, bold, left margin, CAP first letter of main words, add number)

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2. MATERIALS AND METHODS
(Use Heading 1 Style: 12 point, bold, all CAPS, centered, numbered)

(Use Normal Style for Text body throughout the document, separate headings and peragraphs with one space) Clearly describes the materials and methodology used in the engineering or research, including the location and time of implementation, as well as the statistical analyses employed. References should be provided for specific methods.

2.1. Subheading (Use Heading 2 style: 12 point, **bold**, left margin, CAP first letter of main words, numbered)

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2.1.1 Sub-Subheading

(Use Heading 3 style: 12 point, **bold**, left margin, Capitalize first letter of main words numbered,)

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2.1.2 Sub-Subheading

(Use Heading 3 style: 12 point, **bold**, left margin, Capitalize first letter of main words)

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3. RESULTS AND DISCUSSION

(Use Heading 1 style: 12 point, bold, centered, all CAPS)

Presents the results of the engineering or research obtained and their relevance to how these results can solve problems and their implications. It also includes the similarities and differences compared to previous engineering or research findings, as well as the prospects for further development. The results may be presented using figures, graphs, or tables.

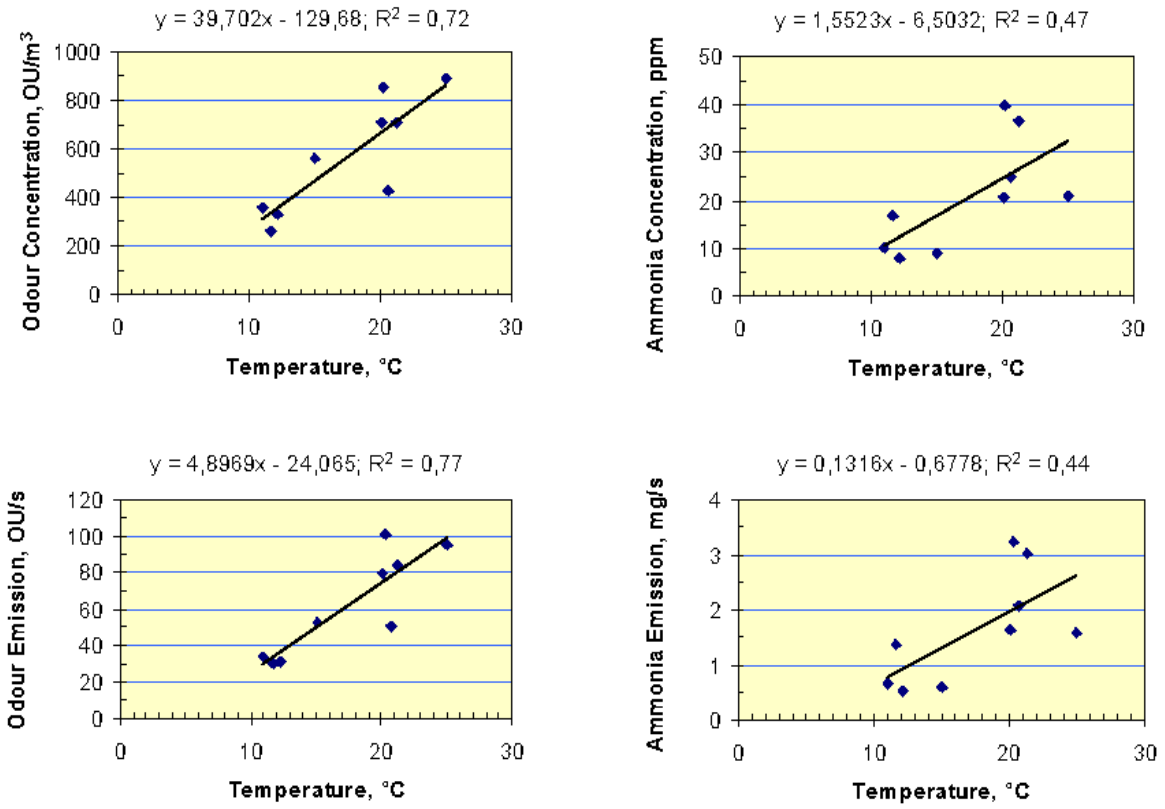

Figure 1. Caption text, caption text caption text, caption text.
(Figure and figure caption in lower case except for first letter, 12 point, **not bold.**
Caption is below the figure)

(Table and table caption **lower case** except for first letter, 12 point, **not bold**, centered. Caption above table. Table should be complete in one page, if larger than one page repeat the caption adding "continued" between parentheses before the table number)

Table 1. Air flow rates and exhaust air temperatures during days of the experiment

Day	Air Flow Rate	Temperature in the Exhaust Air			
	Chamber	Mean	Minimum	Maximum	SD
No.	m^3/h	° C	° C	° C	
0	374	20.2	19.9	20.7	0.282
3	1909	20.4	19.6	21.4	0.622
4	1909	21.0	20.1	21.8	0.473
8	1020	18.4	17.4	19.3	0.601
11	727	19.7	18.9	20.2	0.434
15	334	15.6	14.1	16.9	0.960
18	338	12.6	11.1	14.0	0.964
22	338	11.0	9.6	12.0	0.761
25	422	11.8	10.5	12.9	0.765
29	422	20.2	19.3	21.0	0.568

4. CONCLUSIONS

(Use Heading 1 style: 12 point, bold, centered, all CAPS)

Includes the key findings of the research and their contribution to addressing the problem, as well as recommendations for the direction of future engineering and research.

5. REFERENCES/ DAFTAR PUSTAKA

(Use Heading 1 style: 12 point, bold, centered, all CAPS)

The reference list must include sources published within the last five years. 20-25 references are required for research paper and minimum 50 references for review paper. References must be arranged alphabetically based on the first author's last name. Journal articles are strongly preferred, while books may be included as additional sources. All references must be written according to the citation format specified by the journal. Authors are encouraged to use reference management software such as Mendeley or Zotero and download the JTEP CSL style from JTEP CSL Style.

If the author uses Mendeley, please copy the following URL link: https://csl.mendeley.com/styles/846515181/Jtep. Open the Mendeley Desktop application, select *View*, then click *Citation Style* and choose *More Styles*. Next, click *Get More Styles*, paste the URL link into the *Download Style* section, and then click *Download*. The JTEP style will be automatically installed in your Mendeley Desktop application.
To add the JTEP CSL file in Zotero, please first download the CSL file through the following link: https://drive.google.com/drive/folders/1wWpQ_b2KeyAbJ2Wf45VxNYNR4uuZLG7f?usp=sharing. After that, open the Zotero application, then go to Edit → Preferences (on Mac: Zotero → Settings). Next, open the Cite tab and select Styles, then click the + (Add Style) button. Choose the downloaded JTEP .csl file and click Open. The JTEP style will be automatically installed and ready to use in Zotero.

Agarwal, A., Ng, W.J., & Liu, Y. (2011). Principle and applications of microbubble and nanobubble technology for water treatment. *Chemosphere*, ***84***(9), 1175–1180. https://doi.org/10.1016/j.chemosphere.2011.05.054

Ahmed, S., Rasul, M.G., Brown, R., & Hashib, M.A. (2018). Influence of nanobubbles on physical properties of water. *Environmental Technology & Innovation*, ***10***, 132–142.

Alheshibri, M., Qian, J., Jehannin, M., & Craig, V.S.J. (2016). A history of nanobubbles. *Langmuir*, ***32***(43), 11086–11100. https://doi.org/10.1021/acs.langmuir.6b02489

Calgaroto, S., Azevedo, A., & Rubio, J. (2016). Separation of amine-insoluble species by flotation with nano and microbubbles. *Minerals Engineering*, ***89***, 24–29. https://doi.org/10.1016/j.mineng.2016.01.006

Chen, L., Zhao, Z., & Wang, Y. (2019). Enhancing coagulation-flocculation processes in wastewater treatment using nanobubble technology: Mechanisms and applications. *Journal of Environmental Management*, ***231***, 47-56.

Ebina, K., Shi, K., Hirao, M., Hashimoto, J., Kawato, Y., Kaneshiro, S., Morimoto, T., Koizumi, K., & Yoshikawa, H. (2013). Oxygen and air nanobubble water solution promote the growth of plants, fishes, and mice. *PLOS ONE*, ***8***(6), e65339. https://doi.org/10.1371/journal.pone.0065339