

DEDIKASI: Community Service Reports

Journal Homepage: jurnal.uns.ac.id/dedikasi



Title Here Written with Calibri font size 14pts

First Author¹, Second Writer^{2*}, Third Person³, Fourth Doe⁴, Fifth Whatever⁵

^{1,3}Program Studi Satu Afiliasi Negara, ^{2,4,5}Pendidikan Fisika, Universitas Sebelas Maret Indonesia

ARTICLE INFO

Article History

eceived: Oct 22, 2023 st Revision : Oct 24, 2021 ccepted : May, 1, 2022 vailable Online: May, 5, 2

Keywords:

Keywords; can be a word; or phrase; reach; five keywords

ABSTRACT

Abstract should be in Calibri 10 points single paragraph. You are allowed to put up to 250 words in abstract. Abstract is written in bilingual, or at least in English. Paper is written in English or Bahasa Indonesia, maximum 6000 words according to the structure elaborated in this guidance.

*Corresponding Author

Email address: writersecond@email.com make sure the correspondent's author's name is given (*)

<u>Dedikasi: Community Service Reports</u> by UNS is licensed under Creative Commons Attribution



1. INTRODUCTION

The writing structure consists of Background, Literature Review, Implementation Methodology, Results and Discussions, Conclusions, and Reference Lists. Some provisions can be understood from the late manuscripts published earlier

2. LITERATURE REVIEW using Header Format 2

SUBSECTIONS USING HEADER 3 FORMAT

Normal paragraph writing uses the 'body' style. Make sure the table format is as in the example below.

Table 1. Example of a table with a Caption style

	QUESTION		Responds
Experience	participating	in	6 people answered never have
robotics activities			1 person replied limited to stringing
New things to learn			How to operate/run the robot
			The new thing that I get from this is the importance of learning programming,
			because it could be that in the next few years there will be a lot of technology using
			robots.

	QUESTION			
Experience	participating	in		
robotics activities				

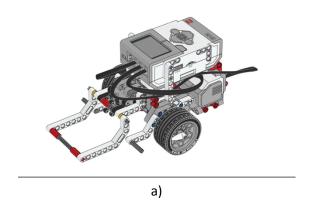


New things to learn

3. METHOD OF IMPLEMENTATION

An example of an image format can be seen in the following caption.

.



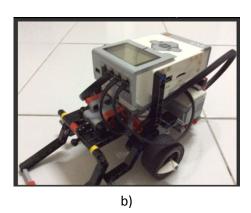


Figure 1. Car robot modules a) graphic models, b) real shapes.

4. RESULTS AND DISCUSSION

CITATION FORMAT

Citation or reference writing standards use the APA 6th, or APA 7th standards. We strongly recommend using Mendeley, Endnote or another citation processing application (Zotero). The author's name in the citation is only used last name. Note that citation writing has provisions such as the following:

The citation at the end of the sentence is written before punctuation '.' (period). Examples are: Research on the detection of papaya fruit maturity was carried out by (Hermawan, Bettiza, & Hayaty, 2018).

Citations at the beginning or in the middle of a sentence with the emphasis of the source as an expert, should place the author's name outside the parenthesis "(YYYY)". For example: Research conducted by Sulistyo (2017) detected the yellowness level of rice leaves as the basis for time to harvest.

Author writing is more than one person, using "&" as the author's name separator, ONLY INSIDE parentheses, for example. The research that has been carried out only determines the maturity of tomato fruits based on the color of the peel (Nasution & Fadillah, 2019).

Whereas writing outside the parentheses should use 'and', or 'and' if it follows the format of

citation management. Example: Meanwhile, research conducted by Nasution and Fadillah (2019) determines the maturity of tomato fruits based on their skin color.

5. CONCLUSION

The full format of citations in apa 7th can be viewed in https://uppj.lppm.uns.ac.id/apa-referencing-style-updated-to-7th-edition/ or referring directly to the american psycological association website.

6. ACKNOWLEDGEMENT

An acknowledgement indicates the sponsor of the research/activity. Mention the contract number (if possible) and the chief executive. An example looks like the following. This activity is supported by a P2M grant with the Community Partnership Program (pkm-uns) scheme from LPPM Universitas Sebelas Maret, contract number: 255 / UN27.22 / PM.01.01 / 2022, agabdian led by Indah Widiastuti.

7. REFERENCE

- Here is an example of a reference that has been applied. Be sure to load the doi from the reference. Use the reference style.
- Alvarez, A., & Larrañaga, M. (2016). Experiences incorporating lego mindstorms robots in the basic programming syllabus: Lessons learned. Journal of Intelligent & Robotic Systems, 81(1), 117-129. doi:10.1007/s10846-015-0202-6
- Álvarez, A., & Larrañaga, M. (2013). Using LEGO Mindstorms to Engage Students on Algorithm Design. Proc. Front. Educ. Conf. FIE, 1346–1351.
- Amri, S., Budiyanto, C. W., Fenyvesi, K., Yuana, R. A., & Widiastuti, I. (2022). Educational Robotics: Evaluating the Role of Computational Thinking in Attaining 21st Century Skills. Open Education Studies, 4(1), 322-338. doi:10.1515/edu-2022-0174
- Angeli, C. (2022). The effects of scaffolded programming scripts on pre-service teachers' computational thinking: Developing algorithmic thinking through programming robots. International Journal of Child-Computer Interaction, 31, 1-20. doi:10.1016/j.ijcci.2021.100329
- Aristawati, F. A., Budiyanto, C. W., & Ariyuana, R. (2018). Adopting Educational Robotics to Enhance Undergraduate Students' Self-Efficacy Levels of Computational Thinking Journal of Turkish Science Education, 15(Special Issue), 42-50. doi:10.12973/tused.10255a
- Atmatzidou, S., & Demetriadis, S. (2016). Advancing students' computational thinking skills through educational robotics: A study on age and gender relevant differences. Robotics and Autonomous Systems, 75, 661 670. doi:10.1016/j.robot.2015.10.008
- Benitti, F. B. V. (2012). Exploring the educational potential of robotics in schools: A systematic review. Computers & Education, 58(3), 978-988. doi:10.1016/j.compedu.2011.10.006
- Bruciati, A. (2003). Robotics Technologies for K-8 Educators: A Semiotic Approach for Instructional Design. Int. Conf. Educ. Inf. Syst. Technol. Appl. Proc, 163-167.
- Budiyanto, C., Fitriyaningsih, R. N., Kamal, F., Ariyuana, R., & Efendi, A. (2020). Hands-on Learning In STEM: Revisiting Educational Robotics as a Learning Style Precursor. Open Engineering, 10(1), 649-657. doi:10.1515/eng-2020-0071

PAPER | xx e-ISSN: 2715-5706