DEDIKASI: Community Service Reports

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

Title Here Written with Calibri font size 14pts

First Author [1], Second Writer [2*], Third Person[3], Fourth Doe[4], Fifth Whatever[5]

[1,3]Program Studi Satu Afiliasi Negara, [2,4,5]Pendidikan Fisika, Universitas Sebelas Maret Indonesia

ARTICLE INFO

Article History

Received : Oct 22, 2021
1st Revision : Oct 24, 2021
Accepted : May, 1, 2022
Available Online : May, 5, 2022

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 (*)

Dedikasi: Community Service Reports 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 robotics activities	6 people answered never have 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

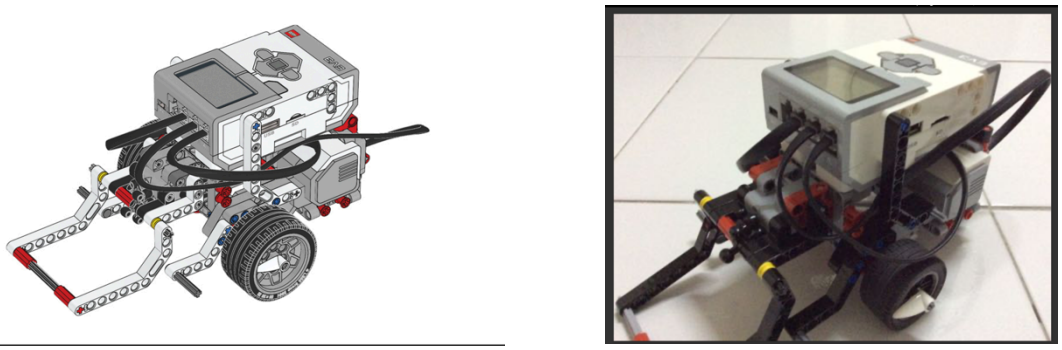
e-ISSN: 2715-5706

New things to learn

3. METHOD OF IMPLEMENTATION

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

.



a) b)

***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