

From: **JBBBE Publication**

Date: Wednesday, 31 Sept 2022, 2.56 PM

Subject: [REVISION REMINDING] JBBBE publication

To: Asep Andang <andhangs@unsil.ac.id>

Dear Asep Andang

Paper Title: Comparative Study of Heart Rate Signal Detection in Fingertip And Wrist Using Sensor MAX30102

----- REVIEW 1 -----

TITLE: Comparative Study of Heart Rate Signal Detection in Fingertip And Wrist Using Sensor MAX30102

AUTHORS: Rohmat Gunawan, Asep Andang and Muhammad Ridwan

----- Overall evaluation -----

SCORE: 2 (accept)

----- TEXT:

The title already shows the objectives, methods and objects of research. It's good, but it's better if the study is removed ... maybe it can be replaced by comparison. The problem statement looks good in the abstract, but doesn't show up in the introduction. The state of the art method in this introduction feels disorganized and unfocused. the justification is also not clearly explained. The purpose of the research in the introduction is somewhat different from the title and abstract. the method is good, it is accompanied by pictures of data collection. the program list may be removed because it contains Indonesian, and it seems that it can be removed. Figure 7 please pay attention again, many axes are damaged maybe because they are converted to pdf. And it looks like the spo2 signal image is reversed. maybe the title should be replaced with Correlation. Because the main finding is also about correlation.

The implications and limitations have not been seen in this paper. You can create a discussion section to discuss that. in the conclusion it would be better to repeat again about the purpose of the research.

----- REVIEW 2 -----

TITLE: Comparative Study of Heart Rate Signal Detection in Fingertip And Wrist Using Sensor MAX30102

AUTHORS: Rohmat Gunawan, Asep Andang and Muhammad Ridwan

----- Overall evaluation -----

SCORE: 0 (borderline paper)

----- TEXT:

1. In the abstract add the implications in the last paragraph after the results and conclusions
2. In the introductory chapter, the gaps in previous research must be explained in the form of

strengths and weaknesses so that the justification for the research carried out can be explained and add goals and tell a little about the methods that will be developed in your research. And add references

3. in the method chapter for eliminating the program displayed, please add mathematical formulas and analysis so that it is more suitable to be used as a paper

4. In the chapter on the results of the analysis, the analysis and results of the measurements carried out are carried out more and more

5. add Discussion should consist of: a) interpretation of the finding, b) comparison to other studies, c) weaknesses or limitation, d) implication to society.

6. Conclusion should consist of: a) re-state the AIM, b) finding (quantitatively), c) future works.