

CHAPTER V

CONCLUSIONS AND RECOMENDATIONS

A. Conclusions

Based on results, data analysis and discussion in chapter IV, some conclusions are made by researcher, those are:

1. In accordance with the score of Normalized Gain, it is found that male students have higher improvement than female students in learning achievement score after having learned kinematics of linear motion with video based laboratory on 5E learning cycle model.
2. Based on the result the score of Normalized Gain, it is found that male students have higher improvement than female students in graph interpretation skills score after having learned kinematics of linear motion with video-based laboratory on 5E learning cycle model.

B. Recomendations

1. Learning process should be more effective if students use their own laptop to analyze the data given rather than write the data on paper and draw the graph manually.
2. Time management should be improved by considering learning model used in learning process. There are some learning stageactivities that can be prepared before the class begins.

3. Students need to be trained to write all the things they see on the experiment video.
4. Based on result, it is found that learning achievement and graph interpretation skill N-Gain have low and medium criteria. This learning process needs a revision; it seems to be better if using a simpler instructional model combined with VBL.

