

CHAPTER V

CONCLUSIONS AND SUGGESTIONS

5.1 Conclusion

Based on the results of the research and discussion that has been presented, the following conclusions can be drawn from this study.

1. The results of the validity test of the physics practicum module with scientific approach to dynamic fluid material based on expert lecturer 1 obtained an average of 86%, the validity test by expert lecturer 2 obtained an average of 95% and the validity test by physics teachers obtained an average of 97%. Module development is carried out with the stages of analysis, design, development, implementation and evaluation. The validity level of the practicum module developed with the category is very feasible.
2. The practicality level of the module was obtained based on the results of the module practicality questionnaire given to 36 students of class XI Mipa 1 after the trial, it was found that this module had an average practicality level of 95% with a very practical category to be used in learning.
3. The level of effectiveness of the physics practicum module with a scientific approach to dynamic fluid material is seen based on the average N-gain with a score of 0.65 in the high category. This can also be seen from the 36 students who took the test passed the KKM with a score above 75. Thus, the module is effective for improving student understanding of dynamic fluid material.

5.3 Suggestions

Based on the results of the research and discussion, the following suggestions can be made.

1. Further research and development is needed related to practicum modules on other physics materials to strengthen the understanding of physics concepts for students in the learning process.