

Abstract

Research Title : Influencing of Cyber Lab to Conceptual Change Through Laboratory's Learning: Case Study of Undergrad Students Who enrolling Fundamental Physics' Laboratory Subject, Faculty of Science and Technology
Suansunandha University

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Year : 2556

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The main objective of this research is to investigate Influencing of Cyber Lab to conceptual change through laboratory's learning on the Newton's second laws of motion along a straight line. The study was conducted by evaluating the 80/80 educational efficiency, an examined to what conceptual change took places when students were introduced to the basics of the experiment through Cyber Lab. Finally, the satisfaction toward the Cyber lab was earned by students.

The instructional experiment of 3 hours conducted employing 38 students, purposive sampling group was selected from first year of science students' programme of the faculty Science and Technology of Suansunandha University.

The findings are:

1. Cyber Lab demonstrates educational efficiency of 82.44/80.03.
2. Students' posttest achievements on conceptual change are significantly higher than their pretest.
3. Students' satisfaction on Cyber lab is good level of quantity.