

Abstract

Research Title : The Students' Attitude towards Physics Learning Using the Interactive Science Simulations.

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The purpose of this experimental and exploratory research was to examine and compare the students' attitude towards physics learning using the Interactive Science Simulations. The achievement test and questionnaire were used in the data collection. The Faculty of Science students were the population who was randomly selected into the treatment and control groups. The physics learning using the Interactive Science Simulations was implemented in the former group, while the latter one was provided with the regular instruction. In this regard, the 15-week instructional experimentation, achievement test and measurement of students' attitude towards physics learning using the Interactive Science Simulations were conducted by the author. The research results revealed a high level of students' attitude towards physics learning using the Interactive Science Simulations. In particular, the male students had a higher level of attitude than the female counterparts, while the accomplishment in physics among the biology group students was higher than those in the biological technological group. With regard to the relationship between the attitude towards the instruction and the learning of physics 1 and physics 2, an intermediate level of the relationship between the attitude towards the instruction in light of the instructional administration with the learning of physics 1 and physics 2 was found at the level of significance of 0.5.