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COMPARISON THE RESULT OF STUDENTS' PHYSICS LEARNING BETWEEN APPROACH OF SKILL PROCESS INSTRUCTIONAL AND CTL (CONTEXTUAL TEACHING AND LEARNING) APPROACH

By

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The result of physics learning students' of SMA PGRI 1 Tumijajar was still very low and had not reached the Minimum Passing Grade (MPG). So the instructional of CTL approach and the instructional of skill process approach could increase the result of students' physics learning.

The aim of this research were to understand about: (1) the difference of average between students' physics learning result before and after using CTL; (2) the difference of average between students' physics learning result before and after using skill process approach; (3) the difference of average between students' physics learning result by using CTL approach and skill process approach.

This reaserch used experimental method that is Quasi Experiment by Pretest-Posttest Non Equivalent Control Group Design type and the location of the research was on SMA PGRI 1 Tumijajar. Sample was taken from two classes that were class X_2 and class X_3. Data analysis technique of learning result used pretest and posttest score, N-Gain score and testing hypothesis used Paired Sampel t-Test and Independent Sampel t-Test.

Furthermore, to examine that there was difference between independent variable and dependent variable by using Paired Sample t-Test and Independent Sample t-Test.from the result of data analysis there was difference between: (1) the result of students' physics learning before and after using the instructional of CTL approach that shown by 0,000 sig value, (2) the result of students' physics learning before and after using the instructional skill process approach that shown by 0,000 sig value, (3) the result of students' physics learning by using CTL approach and skill process approach that shown by 0,000 sig value. Because of the sig value was lower under α (0,05) so, generally, it can be concluded that all of H_0 was rejected.

Keywords : CTL, skill process, learning result.