THE DEVELOPMENT LEARNING MEDIA BASED ISPRING PRESENTER TO INCREASE STUDENT LEARNING ACHIEVEMENT ON SALT HYDROLYSIS MATERIALS

Rusyda Aulia Batubara (4153332020)

ABSTRACT

Aims of this research to find out student learning achievement using learning media based Ispring Presenter on salt hydrolysis materials. The population of this research is of student in SMA Cerdas Murni grade XI Science. The sample are 2 class from which decide by purposive sampling methods. The experimental class is learned by media based Ispring Presenter and control class is conventional model. The instrument used to determine student learning achievement is an objective test in the form of multiple choices. The instrument of reseach is standardized by expert judgment from chemistry lecturer and chemistry teacher. Data analysis using statistic calculation the result of standardized test is 20 items valid with reliability is 0,7274. The average of pre-test in experiment $(37,09 \pm 8,14)$ is the significant different with control class $(35,64 \pm 8,03)$. The statement support the data research result of hypothesis test is t_{count} 3.909 and t_{table} 2.000, then t_{count} t_{table} (3.909   2.000). The result shows that Ha is received and H_0 is rejected. The average normalized gain for experiment class is 0.75 (high category) and control class is 0.62 (medium category). Increasing chemistry learning achievement of experiment class is 76,22% higher than control class is 64,33%. The difference in the percentage increase in learning achievement in the experimental class and control class is 11,89%

Keywords : Learning Media, Ispring Presenter, Students Achievement, Salt Hydrolysis