

**Nunik Irmayasari, 2016. THE APPLICATION OF AUDIO VISUAL MEDIA TO IMPROVE STUDENTS' LEARNING RESULT IN THE CONCEPT OF VIRUS. Supervisor I: Prof. Dr. H. Toto S. Ganiutari, M.Pd. Supervisor II: Dr. Mia Nurkanti, Kes.**

#### **ABSTRACT**

This research aims to determine the effect of audio-visual media towards students' learning result on biology of the virus concept. The method used in this research is *Pre-Experimental Design* with *One Group Pretest-Posttest Design*. The population in this research is a class of X MIA SMA PGRI 1 Bandung with a sample is X MIA 2 with 38 students. The measured parameter by pretest and posttest using the instrument of 25 questions of multiple choice. The affective and psychomotor measured by non test through the observation by using a participatory observation sheet. The results showed the average score of pretest is 43.86 and posttest is 83.39 and significant in a paired t test with a confidence level of 99% which is  $t_{count} > t_{table}$   $58.36 > 2.65$ . The attitude of students showed positive attitude towards learning that has been done because the 21% A and 79% B. The behavior of students while learning activities shows a good behavior because they achieving grades A 84% B 16%. These results indicate that there is an increasing in student learning result through audio-visual media on the virus concept.

**Keywords:** Audio Visual Learnign Media, Learning Results (Cognitive, Affective, Psychomotor).