

## **ABSTRACT**

### ***QUANTUM MODEL APPLICATION FOR IMPROVING TEACHING ACTIVITIES AND STUDENT LEARNING OUTCOMES IN GEOGRAPHY SUBJECT CLASS XI IPS 4 SMA Negeri 1 Kalirejo***

**By The**

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*The study aimed to, 1) Improving student learning activities in the subjects of geography with the application of quantum models of teaching , 2) Improve student learning outcomes in subjects geography with application of quantum models of teaching. The method used in this research is classroom action research on students class XI IPS 4 SMAN 1 Kalirejo in the school year 2013/2014. Data was collected by observation and engineering tests at the end of each cycle.*

*research result: 1) Enhancing the learning activities in each cycle is the first cycle percentage is 73.33%, second cycle percentage 76.94% and 93.54% third cycle percentage ,2) Improved learning outcomes in each cycle is the first cycle percentage is 43.33%, the percentage is 81.81 % second cycle and third cycle percentage is 100%.*

*Therefore the application of: (1) Application of quantum model of teaching can improve students' learning activities on the subjects of geography, (2) Application of quantum model of teaching can improve student learning outcomes in subjects geography.*

*Keywords : learning activities , learning outcomes , teaching quantum models*