

## **ABSTRACT**

### **THE DEVELOPMENT OF INSTRUCTIONAL VIDEO OF ARTIFICIAL FISH SPAWNING TECHNIQUE IN VOCATIONAL SUBJECT AT VOCATIONAL SCHOOL**

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*The objective of this research and development were 1) to describe the conditions and the potential for developing the instructional video material of artificial spawning techniques; 2) to describe the development of instructional video procedures; 3) to analyze instructional video effectiveness; 4) to analyze the efficiency of instructional video; 5) and the last one to analyze the attractiveness of instructional video. Research and development design was used on this study. Research was conducted at SMK Negeri 1 Padang Cermin and SMK Negeri 6 Bandar Lampung.*

*Conclusions on the research are 1) the initial conditions and potentials were possible and supported the development of instructional video; 2) the development of instructional video were conducted through five stages of development process, namely, preliminary studies, instructional design, media design and development, testing and revision of the product, and the final product; 3) instructional video specification was easy to operate based on the complement and supplement; 4) instructional video is more effective than a powerpoint presentation slides with effect size value = 1.03; 5) instructional video is more efficient to be used based on the efficiency value by 2; 6) instructional video has an average appeal value of 3.84.*

*Keywords: instructional video, artificial fish spawning techniques*