EFFECTIVENESS OF ELECTRONIC RECORD INFORMATION SYSTEM FOR EDUCATION (ARISE) AS INSTRUCTIONAL MEDIA RECORD LEARNING IN AUTOMATION AND OFFICE MANAGEMENT (AOM) VOCATIONAL HIGH SCHOOL (VHS)

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ABSTRACT

Archive learning in Vocational High School (VHS) must adapt to learning in the industrial revolution 4.0 era. Electronic Record Information System for Education (ERISE) is a learning media that has been developed for archival learning. ERISE has gone through the expert validation stage, therefore it is necessary to test the effectiveness of ERISE as an archival learning media. This study aims to determine the effectiveness of the ERISE program in 1) increasing the learning motivation of Automation and Office Management (AOM) VHS students, and 2) improving the learning outcomes of AOM VHS students.

This study will use a quasi-experimental method with a nonequivalent control group pretest-posttest model. The population of this study consisted of class X AOM VHS in the Special Region of Yogyakarta and Central Java. The selection of research samples using the purposive sampling technique with a target of 171 students. Data collection techniques that will be used in this study are questionnaires and tests. The research instrument used was a questionnaire and an objective test. The main data analysis used inferential statistical analysis, but to be completed with descriptive and qualitative data analysis. Hypothesis testing was carried out using non-parametric statistics, namely the Mann-Whitney difference test. The results of this study indicate 1) differences in scores between the use of ERISE and PowerPoint media, 2) there are differences in knowledge about skills in using ERISE and PowerPoint media, 3) students' motivation levels when using chested ERISE media at a high level and 4) ERise media is effectively used in archival learning, especially in the basic competencies of carrying out electronic archive management.

Kata Kunci: *AOM, VHS, Records Learning, ERISE*