THE READINESS OF "CEN" (COMPUTER ENGINEERING AND NETWORKING)TEACHER IN TEACHING AND READINESS OF COMPUTER LABORATORY FACILITIES AND INFRASTRUCTURE IN SMKN 1 AND SMKN 2 IN BIMADISTRICT

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ABSTRACT

The purpose of this study is to determine how the readiness of Computer Engineering and Networking teacher in teaching using the computer laboratory at SMKN 1 and SMKN 2 in Bima and to know the facilities and infrastructure at the Computer Laboratory at SMKN 1 and SMKN 2 in Bimaaccording to the standards required by the Minister of National Education of the Republic of Indonesia No. 40 of 2008.

This study used quantitative descriptive methods. Descriptive methods used in earlier studies to collect data about the readiness of teachers and computer laboratory infrastructure conditions. This descriptive study aimed to obtain information about how the readiness of teachers to teach computer engineering and networking in a computer laboratory, and how the description of the feasibility of the SMKN 1 and SMKN 2 Bimacomputer laboratory. Data collection method used by questionnaire to determine the readiness of teachers, and a check list for the computer laboratory infrastructure. The instruments validation performed by expert judgment. The results of data were analyzed using a quantitative approach. After obtaining the results, then describe the conclusions based on the numbers processed with the statistical method.

The results of this study obtained that the readiness of teachers to teach in SMKN 1Bima reached 88% with the excellentcategory. For SMKN 2 BIMA, the level of preparedness of teachers in teaching reached 77% with good category. While for readiness of facilities and infrastructure in the SMKN 1 Bimacomputer laboratoryclassified as excellent by achieving a score of 85.71% and SMAN I Bima reached 80.95% with good category.

Keywords: Teacher CEN (Computer Engineering and Networking), Facilities, Infrastructure, Computer Laboratoryss