

THE CONSTRAINT FACTORS OF THE STUDENTS OF VOCATIONAL SCHOOL MAJOR COMPUTER ON THE LEARNING PROCESS OF COMPUTER NETWORK SUBJECT AT SMK PIRI 1 YOGYAKARTA

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AN ABSTRACT

The research aims to find out how big the factors from inside and outside that constraint student of vocational school major computer on the learning process of computer network subjects at SMK Piri 1 Yogyakarta.

The research is descriptive quantitative research using questionnaires with Likert scale to collecting data. Respondents of the research are all students of class X and XI vocational school major in Computer Network SMK Piri 1 Yogyakarta, amounting to 74 students. Instrument validity Judged by experts and empirical validity Product Moment correlation analysis, while Instrument reliability test was calculated by Alpha Cronbach formula. The data analysis technique used statistic descriptive quantitative technique.

The research results of the constraint factors in student learning is the percentage of states is very high 8.1%, 21.6% stated high, 44.6% stated average, 20.3% stated low, 5.4% said very low. Overall the constraint factor in a student learning from the category is normal. For the study of the obstacle factors in students is the percentage of 4% expressed very high, 25.7% stated high, 41.9% stated average, 18.9% stated low, 9.5% said very low. Overall the constraint factor of student learning from the category is normal, the results can give an idea that both constraint factors learning from inside and outside the students less inhibited them to learning process this result shows that physical, psychological, as well as factors of schools, families, and communities are less inhibited for students in learning process of computer network.

Key words: constraint factors, vocational school major computer, computer network.