

Abstract

THE EFFECTS OF MOTIVATION, ENVIRONMENT AND DISCIPLINE ON THE ACHIEVEMENT OF AUDIO VIDEO ENGINEERING MAJOR STUDENTS AT SMK NEGERI 3 YOGYAKARTA

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This study aims to describe : (1) The effects of motivation on the students' achievement in schools, (2) The effects of environment on the students' achievement in schools, (3) The effects of discipline on the students' achievement in schools, (4) The effects of those three factors (motivation, environment, discipline) on the students' achievement in schools all together.

This study is Ex-post Facto in nature that is characterized by correlational description using quantitative approach. The subject of the study are 34 second year students of Audio Video Engineering major at SMK Negeri 3 Yogyakarta. The data in this study is collected by using documentations, tests and questionnaires. The validity of the instrument is provided by using items analysis by Product Moment formula and the reliability is checked by using Alpha Cronbach formula. Hypothesis testing is done by using product moment correlation analysis and double regressions analysis. Before that, the condition analysis testing is done including normality testing, linearity testing and multicollinearity testing.

The result of the study shows that motivation, environment and discipline have positive effects on the students' achievement. It is showed by coefficient $r: 0,888$, $r_{hitungis}$ bigger than r_{tabel} ($0,888 > 0,339$). Determinant coefficient (r^2) is $0,789$ or $78,9\%$. It can be known that motivation gives $5,44\%$ effective contribution, environment gives $28,85\%$ effective contribution and discipline gives $44,61\%$ effective contribution and also it shows in equation $Y = 71,095 + 0,014X_1 + 0,107X_2 + 0,171X_3$. So, It can be concluded that discipline gives dominant effects with $44,66\%$ effective contribution compare with motivation and environment on the achievement of second year students of Audio Video Engineering major at SMK N 3 Yogyakarta 2011/2012 academic year.

Keywords : Motivation, Environment, Discipline, Achievement .