

**PENGARUH MODEL PEMBELAJARAN GRUP INVESTIGASI
TERHADAP HASIL BELAJAR TEKNIK PEMROGRAMAN DI
SMK KARYA GUNA**

SKRIPSI



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Skripsi ini ditulis untuk memenuhi sebagian persyaratan dalam memperoleh gelar
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ABSTRACT

Irvan Bastian (5235141128). The Effect of Investigation Group Learning Models (GI) on Programming Learning Outcomes in SMK Karya Guna Jakarta. Thesis, Jakarta: Informatics and Computer Engineering Education Study Program, Faculty of Engineering, State University of Jakarta, 2020. Advisor: Prasetyo Wibowo Y, ST., M.Eng and Vina Oktaviani, S.Pd., MT

This study aims to determine the effect of Group learning models Investigation (GI) on the results of learning programming techniques at the Jakarta Vocational High School. This study uses the Quasi Experiment method with the "Posttest Only Control Design" research design. The population in this study were all students of class X Department of Network Computer Engineering (TKJ) at the Vocational School of Work in Jakarta in the academic year 2019/2020. Samples were taken as many as two classes namely class X TKJ 1 as an experimental class learning using the Investigation Group learning model (GI) and class X TKJ 2 as a control class. The research instrument was in the form of multiple choice tests of 32 questions with five answer choices. Based on the results of data analysis using the t-test, it was found that the value of $t_{count} > t_{table}$ ($3.674 > 2.001$ at the significance level $\alpha = 0.05$) This indicates that there is an influence of the Investigative Group (GI) learning model on learning outcomes of programming techniques.

Keywords: Influence, GI learning model, Technical Learning Outcomes Programming