

# UPAYA MENINGKATKAN KUALITAS PEMBELAJARAN DI SMK JURUSAN TEKNIK MESIN MELALUI PENERAPAN MODEL PEMBELAJARAN KOOPERATIF

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## ABSTRACT

*Purposes of the application of cooperative learning model in this research is to improve: (1) Vocational learning activities in the Department of Mechanical Engineering; (2) vocational student achievement in the Department of Mechanical Engineering. Cooperative learning model that is applied is inquiry, jigsaw, think pare-share, and modul. The method used was classroom action research. This research was conducted in SMK N 1 Seyegan, SMK Muh 3 Yogyakarta, SMK Muh 1 Bantul, dan SMK N 2 Wonosari. Collecting data using observation, testing, documentation and interviews. Data analysis using Descriptive quantitative techniques. The results of this study are: (1) improvement of student learning activities in vocational amounted to 27.56% (2) improvement of vocational student achievement amounted to 31,26%*

Kata Kunci: *quality of learning, department of Mechanical Engineering, cooperative learning*