

# REVERSE ENGINEERING AS A PROJECT WORK LEARNING MODEL FOR ACCELERATION OF FINAL PROJECT COMPLETION ON VOCATIONAL EDUCATION

by Masduki Zakarijah ; Ratna Wardani

## ABSTRACT

### ABSTRACT

The purpose of this study is to accelerate the completion of vocational education student final assignments, through learning project work using a reverse engineering model.

The research was carried out using the Research and Development approach.

Research activities related to the preparation of learning tools, which include: (a) making hardware and devices for learning, (c) testing the learning devices, (d) validating the results of system design and implementation.

The results of this study include: (a) hardware and software used in the reverse engineering learning approach, ranging from series drawings, layouts, component layouts, to prototype rice paddy control circuit sets, (b) software hardware for adaptive APILL systems .

Keywords: reverse engineering, research and development, and project work.

Kata Kunci: *Keywords: reverse engineering, research and development, and project work.*