

# **JOB SHEET DEVELOPMENT IN SUBJECT MATTER OF ELECTRICAL POWER TRANSMISSION AND DISTRIBUTION**

**by Zamtinah, Faranita Surwi, Toto Sukisno**

## **ABSTRACT**

The purpose of this study is to: 1. Develop a learning module that fits the needs of the subject of Power Transmission and Distribution Practice. 2. To know the feasibility of learning module of Electricity Transmission and Distribution Practice that has been developed. What is meant by the module in this study is the instruction material in the form of the worksheet.

The method used in this study refers to the R & D method developed by Borg & Gall with the following stages: 1) needs analysis through literature studies and field surveys; 2) product planning; 3) product development; and 4) product finalization. Instrument to determine the feasibility of the product is a Likert scale questionnaire. Instrument validity is done through expert judgment. The appraisal of the feasibility team of the module is the lecturer of electric power subjects in the Department of Electrical Engineering Education FT UNY. The collected data is calculated and then analyzed descriptively.

The result of this study is that the learning modules developed in the worksheet form can be used as teaching materials on the Power Transmission Practice and Distribution Practice Course. Based on the team's appraisal, it is found that the total module feasibility rate of 3.58 is included in the "Very Eligible" category.

*Kata Kunci: Jobsheet, transmission, distribution, electrical power*