

## **PELATIHAN DASAR-DASAR KELISTRIKAN SEBAGAI UPAYA PENINGKATAN KOMPETENSI GURU DAN TENAGA KEPENDIDIKAN DI SMKN 2 KLATEN**

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### **ABSTRACT**

This program aims to (1) provide knowledge about the basics of electricity to improve competence for the academic community at State Vocational High School 2 Klaten, and (2) know how or methods of applying learning the basics of electricity for teachers, educators, and students at State Vocational High School 2 Klaten. The implementing activities are broadly divided into three stages: preparation, implementation, and evaluation. The three stages are then elaborated again into 6 stages. The preparation phase includes (1) identification and analysis of needs and (2) preparation of training modules and evaluation sheets. The implementation stage consists of the stages of (1) delivering basic electrical materials, including half-wave and full-wave rectifier circuits, (2) delivering component materials to the trainer, and (3) delivering materials for assembling or assembling half-wave and full-wave circuits. The program evaluation stage contains the material review and response of activity participants. The program results showed that the number of participants who attended also reached 100% for three days. The evaluation results of Participants' Responses to Training Materials have an average score of 2.88, including the good category. Participants' Responses to Training Activities have an average score of 3.48, including the excellent category.

Kata Kunci: *training, electrical basics, rectifier*