

ABSTRAK

TEGUH DERMAWAN LINGGA : Pengembangan Trainer Pengendali Elektronik Pada Mata Pelajaran Dasar-Dasar Program Keahlian Kelas X Teknik Elektronika Industri SMK Negeri 1 Percut Sei Tuan

Penelitian ini bertujuan untuk mengembangkan media pembelajaran menggunakan trainer kit rangkaian elektronika analog pada mata pelajaran dasar-dasar program keahlian di SMK Negeri 1 Percut Sei Tuan Metode penelitian yang digunakan adalah metode penelitian dan pengembangan (*research and development*) dengan model penelitian pengembangan ADDIE. Tahapan dalam pengembangannya yaitu 1) Tahap Analysis, 2) Design, 3) Development or Production, 4) Implementation or Delivery, 5) Evaluations. Pengambilan data validasi materi dan media pembelajaran menggunakan skala likert. Hasil dari penelitian pengembangan ini berupa trainer kit rangkaian elektronika analog berserta Jobsheet . media pembelajaran berbasis trainer ini telah melalui tahap uji validasi dengan rata – rata persentase capaian sebesar 92,45% menurut ahli materi dan 90,83% menurut ahli media. Hasil penelitian dapat disimpulkan bahwa media pembelajaran menggunakan trainer kit rangkaian elektronika analog ini memenuhi syarat dengan kualitas sangat layak untuk digunakan sebagai media penunjang kegiatan pembelajaran dasar-dasar program keahlian.

Kata Kunci : *Media Pembelajaran, trainer kit rangkaian elektronika analog*



ABSTRACT

TEGUH DERMAWAN LINGGA: Development of an Electronics Controller Trainer in the Basics Subject of Class X Skills Program in Industrial Electronics Engineering at SMK Negeri 1 Percut Sei Tuan

This research aims to develop learning media using an analog electronic circuit trainer kit in the basics of skills program subjects at SMK Negeri 1 Percut Sei Tuan. The research method used is the research and development method with the ADDIE research and development model. The stages in development are 1) Analysis Stage, 2) Design, 3) Development or Production, 4) Implementation or Delivery, 5) Evaluations. Data collection for validation of learning materials and media uses a Likert scale. The results of this development research are in the form of an analog electronics circuit trainer kit along with a Job Sheet. This trainer-based learning media has gone through the validation test stage with an average achievement percentage of 92.45% according to material experts and 90.83% according to media experts. The results of the research can be concluded that the learning media using the analog electronics circuit trainer kit meets the requirements and is of very suitable quality to be used as a media to support learning activities on the basics of skills programs.

Keywords: Learning Media, analog electronic circuit trainer kit

