ABSTRAK

Insanul Adli : ***Pengembangan Media Pembelajaran Interaktif Pada Mata Pelajaran Dasar-dasar Teknik Ketenagalistrikan Untuk Meningkatkan Hasil Belajar Siswa Kelas X Teknik Instalasi Tenaga Listrik (TITL) SMK Swasta Imelda Medan. Skripsi. Fakultas Teknik Universitas Negeri Medan, 2026.***

Penelitian ini bertujuan untuk mengetahui kelayakan media pembelajaran interaktif pada materi konsep dasar kelistrikan. efektifitas media pembelajaran interaktif pada materi konsep dasar kelistrikan terhadap hasil belajar siswa. Penelitian ini dilaksanakan di SMKS Imelda Medan dengan subjek penelitiannya yaitu siswa kelas X TITL Jurusan Teknik Instalasi Tenaga Listrik. penelitian ini merupakan research and development (R&D) dengan model pengembangan ADDIE yang terdiri dari *Analysis* (Analisis)*, Design* (Desain)*, Development* (Pengembangan)*, Implementation* (Implementasi)*, dan Evaluation* (Evaluasi). Hasil penelitian ini adalah hasil validasi ahli media yang di validasi oleh 2 validator memperoleh rata-rata skor total "89%" dengan kategori "Sangat layak ", validasi ahli materi juga di validasi oleh 2 validator dengan memperoleh rata-rata skor total "94%" dengan kategori "Sangat Layak". Respon siswa terhadap media pembelajaran yang dikembangkan dapat diterima oleh siswa dengan kategori "akseptansi sangat tinggi" atau dapat diartikan bahwa penerimaan sangat tinggi dengan nilai "4,71". dan berdasarkan Hasil uji coba media terhadap 35 siswa kelas X Teknik Instalasi Tenaga Listrik diperoleh hasil uji efektifitas N-Gain Sebesar 0.79 dengan kategori tingkat keefektifan "Tinggi". Hasil penelitian ini dapat disimpulkan bahwa media pembelajaran interaktif berbasis *Canva* Pada Materi Dasar-Dasar Teknik Ketenagalistrikan merupakan media pembelajaran yang valid, layak dan efektif digunakan.

Kata kunci: Media Pembelajaran Interaktif, Dasar-Dasar Teknik Ketenagalistrikan

ABSTRACT

Insanul Adli: ***Development of Interactive Learning Media in the Subject of Basic Electrical Engineering to Improve the Learning Outcomes of Class X Students of Electrical Power Installation Engineering (TITL) of Imelda Private Vocational School, Medan. Thesis. Faculty of Engineering, State University of Medan, 2026.***

This study aims to determine the feasibility of interactive learning media on the material of basic electrical concepts. the effectiveness of interactive learning media on the material of basic electrical concepts on student learning outcomes. This study was conducted at SMKS Imelda Medan with the research subjects being class X TITL students majoring in Electrical Power Installation Engineering. This research is a research and development (R&D) with the ADDIE development model consisting of Analysis, Design, Development, Implementation, and Evaluation. The results of this study are: the results of media expert validation validated by 2 validators obtained an average total score of "89%" with the category "Very feasible", material expert validation was also validated by 2 validators by obtaining an average total score of "94%" with the category "Very feasible". Student responses to the developed learning media can be accepted by students with the category of "very high acceptability" or can be interpreted as very high acceptance with a value of "4.71". and based on the results of the media trial on 35 students of class X Electrical Power Installation Engineering, the results of the N-Gain effectiveness test were 0.79 with the category of "High" effectiveness level. The results of this study can be concluded that Canva-Based Interactive Learning Media for Basic Electrical Engineering Material is a valid, appropriate and effective learning media for use.

Keywords: Interactive Learning Media, Fundamentals of Electrical Engineering, Feasibility, Effectiveness.