

ABSTRAK

Tria Saprika (5213131023). Pengembangan Media Pembelajaran Berbasis Video Animasi Untuk Meningkatkan Hasil Belajar Siswa Kelas XI TITL Elemen Teknik Instalasi Penerangan Listrik SMK Negeri 1 Merdeka.

Penelitian ini dilatarbelakangi oleh kesulitan siswa kelas XI TITL SMK Negeri 1 Merdeka dalam memahami materi instalasi penerangan listrik yang bersifat abstrak, minimnya pemanfaatan media pembelajaran berbasis teknologi, serta rendahnya hasil belajar siswa. Tujuan dari penelitian ini adalah: (1) untuk mengetahui tingkat kelayakan media pembelajaran video animasi berbasis Canva berdasarkan penilaian ahli materi dan ahli media; dan (2) untuk mengetahui efektifitas penggunaan media tersebut terhadap peningkatan hasil belajar siswa pada elemen Teknik Instalasi Penerangan Listrik. Metode penelitian yang digunakan adalah penelitian dan pengembangan (*Research and Development*) dengan model pengembangan ADDIE yang terdiri dari lima tahap: *Analysis* (analisis), *Design* (perencanaan), *Development* (pengembangan), *Implementation* (implementasi), dan *Evaluation* (evaluasi). Subjek penelitian melibatkan 30 siswa kelas XI TITL 1 di SMK Negeri 1 Merdeka. Instrumen pengumpulan data meliputi lembar validasi untuk ahli media dan materi, serta tes berupa *pretest* dan *posttest* untuk mengukur hasil belajar. Hasil penelitian menunjukkan bahwa: (1) media pembelajaran video animasi dinyatakan "Sangat Layak" berdasarkan validasi ahli media dengan skor 88,89% dan ahli materi dengan skor 87,3% (rata-rata total 88,09%); (2) Penggunaan media video animasi terbukti efektif meningkatkan hasil belajar, terlihat dari kenaikan nilai rata-rata dari 67 (*pretest*) menjadi 88 (*posttest*). Analisis efektivitas menggunakan *N-Gain Score* menunjukkan rata-rata sebesar 0,64 yang masuk dalam kategori peningkatan "Sedang", dengan nilai *N-Gain* persen sebesar 63,93% yang dikategorikan efektif. Dengan demikian, media pembelajaran berbasis video animasi ini layak dan efektif digunakan dalam pembelajaran Teknik Instalasi Penerangan Listrik.

Kata Kunci: Media Pembelajaran, Video Animasi, Canva, Hasil Belajar, Instalasi Penerangan Listrik.

ABSTRACT

Tria Saprika (5213131023). *Development of Animated Video-Based Learning Media to Improve Learning Outcomes for Grade XI Students of Electrical Lighting Installation Engineering at State Vocational High School 1 Merdeka.*

This research was motivated by the difficulties faced by grade XI students of SMK Negeri 1 Merdeka in understanding the abstract nature of electrical lighting installations, the limited use of technology-based learning media, and the low student learning outcomes. The objectives of this study were: (1) to determine the feasibility of Canva-based animated video learning media based on assessments by material experts and media experts; and (2) to determine the effectiveness of using this media in improving student learning outcomes in Electrical Lighting Installation Engineering. The research method used was Research and Development (R&D) with the ADDIE development model consisting of five stages: Analysis, Design, Development, Implementation, and Evaluation. The research subjects involved 30 grade XI students of SMK Negeri 1 Merdeka. The data collection instruments included validation sheets for media and material experts, as well as pretests and posttests to measure learning outcomes. The results showed that: (1) the animated video learning media was declared "Very Feasible" based on validation by media experts with a score of 88.89% and material experts with a score of 87.3% (average total 88.09%); (2) The use of animated video media was proven effective in improving learning outcomes, as seen from the increase in the average score from 67 (pretest) to 88 (posttest). The effectiveness analysis using the N-Gain Score showed an average of 0.64, which falls into the "Moderate" category, with an N-Gain percent value of 63.93%, which is categorized as effective. Thus, this animated video-based learning media is feasible and effective for use in learning Electrical Lighting Installation Engineering.

Keywords: *Learning Media, Animated Video, Canva, Learning Outcomes, Electrical Lighting Installation.*