

ABSTRAK

Rizky Johannes Pardede : *Pengembangan Media Pembelajaran Berbasis Video Pada Mata Pelajaran Dasar-Dasar Konstruksi Bangunan Dan Pengukuran Tanah Siswa Kelas X Program Keahlian Desain Pemodelan Dan Informasi Bangunan Di SMK Negeri 1 Lubuk Pakam*. Skripsi. Fakultas Teknik. Universitas Negeri Medan. 2021.

Berdasarkan hasil observasi yang dilakukan di SMK N 1 Lubuk Pakam diketahui bahwa guru mata pelajaran DDKBTPT masih menggunakan model pembelajaran konvensional yang proses pembelajaran cenderung *teacher centered learning* atau hanya berpusat pada guru saja dan guru mata pelajaran belum menggunakan media berbasis video pembelajaran pada saat proses belajar mengajar sehingga proses pembelajaran kurang efektif. Dengan mengetahui permasalahan perlu dilakukan penelitian pengembangan media pembelajaran. Penelitian ini bertujuan untuk (1). Untuk mengetahui kelayakan media pembelajaran berbasis video pada materi pokok “Memahami Sifat dan Karakteristik Kayu” di kelas X DPIB SMK N 1 Lubuk Pakam. Metode Penelitian ini merupakan penelitian pengembangan atau Research and Development (R&D). Prosedur yang dipakai dalam melakukan pengembangan ini dilakukan sesuai dengan model pengembangan yang dikembangkan oleh *Dick and Carry* (1996), yaitu model ADDIE yang terdiri dari tahap *Analysis, Design, Development, Implementation, and Evaluation*. Berdasarkan rata rata hasil validasi produk yang dilakukan media pembelajaran berbasis video untuk kelas X DPIB SMK N 1 Lubuk Pakam pada mata pelajaran DDKBTPT “**Sangat Layak**” digunakan sebagai media pembelajaran. Hal ini dapat dilihat dari hasil persentasi validasi ahli materi 1 diperoleh skala penilaian sebesar 83 %, validasi ahli materi 2 diperoleh skala penilaian sebesar 86%, validasi ahli media diperoleh skala penilaian sebesar 82 %. Dan berdasarkan uji coba skala kecil yang dilakukan pada 10 siswa kelas X DPIB SMK N 1 Lubuk Pakam diperoleh skala penilaian sebesar 91 %.

Kata Kunci : Media Pembelajaran, *ADDIE*, Memahami Sifat dan Karakteristik Kayu

ABSTARCT

Rizky Johannes Pardede : Development of Video-Based Learning Media in the Subjects of Building Construction Fundamentals and Land Measurement for Class X Students of the Design Expertise Program in Modeling and Building Information at SMK Negeri 1 Lubuk Pakam. Thesis. Faculty of Engineering. Medan State University. 2021.

Based on the results of observations made at SMK N 1 Lubuk Pakam, it is known that DDKBTPT subject teachers still use conventional learning models in which the learning process tends to be teacher centered learning or only teacher centered and subject teachers have not used video-based media during the teaching and learning process so the learning process is less effective. By knowing the problem, it is necessary to do research on the development of learning media. This study aims to (1). To determine the feasibility of video-based learning media on the subject matter of "Understanding the Nature and Characteristics of Wood" in class X DPIB SMK N 1 Lubuk Pakam. This research method is a research development or Research and Development (R&D). The procedure used in carrying out this development is carried out in accordance with the development model developed by Dick and Carry (1996), namely the ADDIE model consisting of the Analysis, Design, Development, Implementation, and Evaluation stages. Based on the average results of product validation carried out by video-based learning media for class X DPIB SMK N 1 Lubuk Pakam on the DDKBTPT subject "Very Eligible" to be used as a learning medium. This can be seen from the results of the validation percentage of material expert 1 obtained a rating scale of 83%, material expert validation 2 obtained a rating scale of 86%, media expert validation obtained a rating scale of 82%. And based on small-scale trials conducted on 10 students of class X DPIB SMK N 1 Lubuk Pakam obtained a rating scale of 91%.

Keywords : *Learning Media, ADDIE, Understanding the Nature and Characteristics of Wood*

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