

ABSTRAK

Farhan Syahputra: Pengembangan Media Wordpress Pada Elemen Instalasi Motor Listrik Siswa Kelas XI Teknik Instalasi Tenaga Listrik SMK Negeri 5 Medan

Permasalahan dalam penelitian ini yaitu hasil praktik harian siswa belum mencapai KKM dengan persentase kelulusan 51% atau 18 siswa dari total 35 siswa pada mata pelajaran Instalasi Motor Listrik. Selain itu, belum tersedia media pembelajaran terintegrasi yang memuat materi, gambar, dan evaluasi dalam satu platform berbasis WordPress. Penelitian ini bertujuan untuk mengetahui proses pengembangan media pembelajaran berbasis WordPress pada materi Instalasi Motor Listrik 1 Fasa untuk siswa kelas XI Teknik Instalasi Tenaga Listrik di SMK Negeri 5 Medan. Metode penelitian yang digunakan adalah Research and Development (R&D) dengan model pengembangan ADDIE yang terdiri dari lima tahapan: Analisis, Desain, Pengembangan, Implementasi, dan Evaluasi. Proses validasi melibatkan empat validator, yaitu dua ahli materi dan dua ahli media guna menilai kelayakan media pembelajaran yang dikembangkan dan Menguji Kefektifitannya. Hasil penelitian menunjukkan bahwa media pembelajaran berbasis WordPress pada materi Instalasi Motor Listrik 1 Fasa dinyatakan sangat layak digunakan dalam pembelajaran. Hal ini dibuktikan melalui hasil penilaian ahli materi sebesar 93% dengan kategori "Sangat Layak", hasil validasi ahli media sebesar 85% dengan kategori "Sangat Layak", Hasil N – Gain yaitu 78% maka Dikategorikan “Efektif”.

Kata Kunci : Media Pembelajaran, Wordpress, Instalasi Motor Listrik



ABSTRACT

Farhan Syahputra: Developing WordPress Media for Electric Motor Installation Elements for 11th-grade Electrical Power Installation Engineering Students at SMK Negeri 5 Medan

The problem in this study was that students' daily practice results had not yet reached the Minimum Competency (KKM) with a passing percentage of 51%, or 18 out of a total of 35 students, in the Electric Motor Installation subject. Furthermore, there was no integrated learning media that included materials, images, and evaluations in a single WordPress-based platform. This study aimed to determine the process of developing WordPress-based learning media for 11th-grade Electrical Power Installation Engineering students at SMK Negeri 5 Medan. 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 validation process involved four validators—two material experts and two media experts—to assess the feasibility of the developed learning media and test its effectiveness. The results showed that the WordPress-based learning media for 1-phase Electric Motor Installation was deemed very suitable for use in learning. This is evidenced by the assessment results of material experts, which were 93% in the "Very Appropriate" category, the validation results of media experts were 85% in the "Very Appropriate" category, and the N-Gain result was 78%, thus categorized as "Effective."

Keywords: Learning Media, Wordpress, Electric Motor Installation

