

ABSTRAK

Penelitian ini bertujuan untuk mengembangkan media pembelajaran berbantuan Canva pada mata pelajaran Teknik Pemesinan Bubut untuk meningkatkan keterampilan siswa kelas XI Teknik Pemesinan SMK Negeri 2 Medan. Penelitian ini dilatarbelakangi oleh rendahnya pemahaman siswa terhadap materi pemesinan bubut serta kurang menariknya media pembelajaran yang digunakan di sekolah. Metode penelitian yang digunakan adalah *Research and Development* (R&D) dengan model pengembangan ADDIE yang terdiri dari tahap *analysis, design, development, implementation, dan evaluation*. Subjek penelitian adalah siswa kelas XI Teknik Pemesinan SMK Negeri 2 Medan. Teknik pengumpulan data dilakukan melalui observasi, angket validasi ahli, tes hasil belajar, dan dokumentasi. Hasil penelitian menunjukkan bahwa media pembelajaran berbantuan Canva dinyatakan sangat layak berdasarkan validasi ahli media, ahli desain pembelajaran, dan ahli materi. Selain itu, hasil perhitungan N-Gain menunjukkan adanya peningkatan hasil belajar siswa pada kelas eksperimen dengan kategori efektif. Media pembelajaran yang dikembangkan juga mampu meningkatkan motivasi, pemahaman konsep, dan keterampilan siswa dalam proses pembelajaran pembubutan bertingkat. Dengan demikian, media pembelajaran berbantuan Canva layak dan efektif digunakan pada mata pelajaran Teknik Pemesinan Bubut di SMK Negeri 2 Medan.

Kata Kunci: Media Pembelajaran, Canva, Teknik Pemesinan Bubut, Pembubutan Bertingkat, R&D.

ABSTRACT

This study aims to develop Canva-assisted learning media in the Lathe Machining Engineering subject to improve the skills of eleventh-grade Mechanical Engineering students at SMK Negeri 2 Medan. This research was motivated by the low level of students' understanding of lathe machining material and the lack of attractive learning media used in schools. The research method used was Research and Development (R&D) with the ADDIE development model consisting of analysis, design, development, implementation, and evaluation stages. The subjects of this study were eleventh-grade Mechanical Engineering students at SMK Negeri 2 Medan. Data collection techniques were carried out through observation, expert validation questionnaires, learning outcome tests, and documentation. The results showed that the Canva-assisted learning media was categorized as highly feasible based on the validation results from media experts, instructional design experts, and material experts. In addition, the N-Gain calculation results indicated an improvement in student learning outcomes in the experimental class with an effective category. The developed learning media was also able to increase students' motivation, conceptual understanding, and skills in the stepped turning learning process. Therefore, Canva-assisted learning media is feasible and effective to be used in the Lathe Machining Engineering subject at SMK Negeri 2 Medan.

Keywords: Learning Media, Canva, Lathe Machining Engineering, Stepped Turning, R&D.