

**PENGEMBANGAN MEDIA PEMBELAJARAN TEKNIK PENGELASAN
BERBASIS *WEB* MENGGUNAKAN *CONTENT MANAGEMENT SYSTEM*
PADA BIDANG MANUFAKTUR**

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ABSTRAK

Penelitian ini bertujuan untuk mengembangkan media pembelajaran Teknik Pengelasan berbasis *web* menggunakan *Content Management System* pada bidang manufaktur dan menguji tingkat kelayakan serta kepraktisan dari media pembelajaran berbasis *web* tersebut. Penelitian ini termasuk kedalam jenis penelitian dan pengembangan (R&D) dengan menggunakan model pengembangan ADDIE (*Analysis, Design, Development, Implementation dan Evaluation*). Instrumen yang digunakan dalam pengumpulan data yaitu angket untuk ahli media, ahli materi, dan uji coba lapangan. Subjek penelitian pada uji coba lapangan yaitu siswa SMK Negeri 3 Singaraja. Tingkat kelayakan diperoleh berdasarkan penilaian ahli media dan ahli materi, dengan persentase (1) Ahli media memperoleh nilai sebesar 97,5%, (2) Ahli materi dengan persentase 92,5%. Tingkat kepraktisan berdasarkan uji coba kelompok kecil dan uji coba kelompok besar, dengan persentase (1) Uji coba kelompok kecil memperoleh persentase sebesar 92,8%, (2) Uji coba kelompok besar memperoleh persentase sebesar 86,6%. Berdasarkan hasil uji validasi tersebut dapat dinyatakan media ini sangat layak serta praktis untuk digunakan berdasarkan tanggapan dari responden, sehingga dapat digunakan sebagai media pembelajaran Teknik Pengelasan berbasis *web* menggunakan *Content Management System* pada bidang manufaktur layak digunakan sebagai media pembelajaran.

Kata kunci: Media Pembelajaran, *Content Management System (Wordpress)*, Teknik Pengelasan

**DEVELOPMENT OF WEB-BASED WELDING TECHNIQUE LEARNING
MEDIA USING CONTENT MANAGEMENT SYSTEMS IN
MANUFACTURING**

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ABSTRACT

This study aims to develop web-based welding technique learning media using Content Management Systems in manufacturing and test the feasibility and practicality of these web-based learning media. This research is included in the type of research and development (R&D) using the ADDIE (Analysis, Design, Development, Implementation and Evaluation) development model. The instruments used in data collection are questionnaires for media experts, material experts, and field trials. The research subjects in the field trials were students of SMK Negeri 3 Singaraja. The feasibility level was obtained based on the assessment of media experts and material experts, with a percentage of (1) Media experts obtained a score of 97.5%, (2) Material experts with a percentage of 92.5%. The level of practicality is based on small group trials and large group trials, with a percentage of (1) Small group trials obtaining a percentage of 92.8%, (2) Large group trials obtaining a percentage of 86.6%. Based on the results of the validation test, it can be stated that this media is very feasible and practical to use based on responses from respondents, so that it can be used as a learning medium for web-based welding techniques using a Content Management System in the manufacturing field suitable for use as a learning medium.

Keywords: Learning Media, Content Management System (Wordpress), Welding Techniques