ABSTRAK

UJI KELAYAKAN MEDIA PEMBELAJARAN BERBASIS TEKNOLOGI PADA MATERI IKATAN KIMIA DI KELAS X SMA NEGERI 1 GOMO

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Pembelajaran kimia pada materi ikatan kimia sering dianggap sulit dipahami oleh siswa karena sifatnya yang abstrak. Fenomena ini menimbulkan rendahnya minat dan hasil belajar siswa di kelas X SMA Negeri 1 Gomo. Penelitian ini bertujuan untuk menguji kelayakan media pembelajaran berbasis teknologi menggunakan E-Modul yang dikembangkan dengan aplikasi Makro Media Flash 8. Penelitian ini menggunakan metode kuantitatif deskriptif dengan desain survei. Subjek penelitian adalah dua orang guru sebagai rater dan 27 siswa kelas X IPA 1. Instrumen penelitian berupa angket validasi ahli materi, ahli media, ahli bahasa, serta angket respon siswa. Hasil validasi menunjukkan bahwa kelayakan media pembelajaran dari aspek materi memperoleh persentase 88,89%, aspek media 91,25%, dan aspek bahasa 91,25%, yang semuanya berada pada kategori "sangat layak". Respon siswa terhadap media pembelajaran menunjukkan persentase rata-rata sebesar 96% dengan kategori "sangat layak". Dengan demikian, media pembelajaran berbasis teknologi pada materi ikatan kimia layak digunakan dan efektif meningkatkan minat serta pemahaman siswa

Kata Kunci:

Media Pembelajaran, Teknologi, E-Modul, Ikatan Kimia, Kelayakan Media.

ABSTRACT

FEASIBILITY TEST OF LEARNING MEDIA BASED ON TECHNOLOGY ON CHEMICAL BONDING MATERIAL IN CLASS X OF SMA NEGERI 1 GOMO

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Chemistry learning on chemical bonding material is often considered difficult to understand by the students because of its abstract nature. This phenomenon causes low interest and learning outcomes of the students in class X of SMA Negeri 1 Gomo. This study aims to test the feasibility of learning media based on technology using E-Modules developed with the Macro Media Flash 8 application. This study uses a descriptive quantitative method with a survey design. The subjects of the study were two teachers as raters and 27 students of class X IPA 1. The research instruments were in the form of validation questionnaires from material experts, media experts, language experts, and the students' response questionnaires. The validation results showed that the feasibility of learning media from the material aspect obtained a percentage of 88.89%, the media aspect 91.25%, and the language aspect 91.25%, all of which were in the "very feasible" category. Students' response to learning media showed an average percentage of 96% with the "very feasible" category. Thus, learning media based on technology on chemical bonding material is feasible to use and is effective in increasing the students' interest and understanding

Keywords: Learning Media, Technology, E-Module, Chemical Bonding, Media Feasibility.

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