ABSTRAK

Liliana Situmorang. 2024. Pengembangan E-Modul Berbasis ICARE Pada Materi Hidrolisis Garam. Skripsi, Program Studi Pendidikan Kimia, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji Tanjungpinang. Pembimbing I: Hilfi Pardi, S.Si., M.Si. Pembimbing II: Inelda Yulita, S.Pd., M.Pd.

Penelitian ini bertujuan untuk mengetahui pengembangan, validitas dan praktikalitas dari E-Modul berbasis ICARE pada materi hidrolisis garam. Penelitian ini merupakan penelitian pengembangan *(Research and Development)* dengan model Hanafin dan Peck yang terdiri dari tiga tahapan, yaitu analisis kebutuhan, desain, pengembangan, dan implementasi. Hasil penelitian menunjukkan validasi ahli materi sebesar 80,55% dengan kategori valid dan validasi ahli bahan ajar sebesar 79,17% dengan kategori valid. Hasil praktikalitas guru terhadap produk mendapatkan persentase sebesar 89,58%, dan praktikalitas peserta didik sebesar 92,86%, dengan kategori sangat praktis. Berdasarkan penelitian yang dilakukan dapat disimpulkan bahwa e-modul berbasis ICARE pada materi hidrolisis garam layak dan praktis digunakan sebagai bahan ajar.

Kata kunci : E-Modul, ICARE, Hidrolisis Garam

ABSTRACT

Liliana Situmorang. 2023. ICARE-Based E-Module Development on Salt Hydrolysis Material. Skripsi. Tanjungpinang: Chemistry Education Study Program, Teacher Training and Education Faculty, Universitas Maritim Raja Ali Haji. Advisor I:. Hilfi Pardi, S.Si., M.Si.Advisor II: Inelda Yulita, S.Pd., M.Pd

The teaching materials used by teachers during learning are printed textbooks and worksheets. Therefore, we need teaching materials that can be used anytime and anywhere, such as E-Modules. The aim of this research is to determine the development process, validity and practicality of the ICARE-based E-Module on salt hydrolysis material. This research is development research (Research and Development) using the Hanafin and Peck model which consists of needs analysis, design, development and implementation. The results of the validation of materials and teaching materials obtained scores, namely, 80.55% and 79.17% in the valid assessment category. The practicality results of teachers and students obtained scores of 89.58% and 92.86%, in the very practical assessment category. Based on the research results, it can be concluded that the ICARE-based E-Module on salt hydrolysis material is valid and very practical so it is suitable for use as teaching material.

Keyword : E-Modul, ICARE, Salt Hydrolysis