

Doviyatin Sukmasari. 2023. *Pengembangan E-modul Materi Zat Aditif Berbasis Etnosains Topik Rengginang Lorjuk Menggunakan Flip Pdf Professional*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Mochammad Ahied.

ABSTRAK

Penelitian ini bertujuan untuk mengetahui kelayakan e-modul, keterbacaan e-modul dan respons peserta didik terhadap media yang dikembangkan. Penelitian ini merupakan penelitian pengembangan dengan menggunakan model pengembangan ADDIE. Tahapan pada penelitian ini meliputi tahap *Analysis, Design, Development, Implementation*, dan *Evaluation*. Subjek uji coba penelitian yaitu peserta didik kelas VIII A SMP Negeri 3 Pademawu. Subjek penelitian sebanyak 30 peserta didik. Instrumen yang digunakan berupa angket validasi media dan materi serta angket keterbacaan dan respons peserta didik. Hasil penelitian menunjukkan bahwa: 1) Hasil uji kelayakan produk pada aspek media menghasilkan rata-rata persentase sebesar 94,218% dengan kategori sangat layak dan uji kelayakan pada aspek materi menghasilkan rata-rata persentase sebesar 87,916% dengan kategori sangat layak, 2) Hasil keterbacaan media memperoleh nilai rata-rata persentase sebesar 84,81% dengan kategori sangat baik, 3) Hasil respons peserta didik setelah menggunakan media memperoleh nilai rata-rata persentase sebesar 82,84% dengan kategori sangat baik. Kesimpulan dari penelitian ini yaitu e-modul yang dikembangkan dapat disebarluaskan kepada peserta didik dan layak digunakan sebagai media pembelajaran.

Kata kunci: e-modul, etnosains, rengginang lorjuk, zat aditif.

Doviyatin Sukmasari. 2023. *Development of E-module of Ethnoscience-Based Additive Material Rengginang Lorjuk Topic Using Flip Pdf Professional*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo Madura University. Advisor: Mochammad Ahied.

ABSTRACT

This study aims to determine the feasibility of e-modules, readability of e-modules and students' responses to the developed media. This research is development research using the ADDIE development model. The stages of this research include the stages of Analysis, Design, Development, Implementation, and Evaluation. The subjects of the research trial were students of grade VIII A SMP Negeri 3 Pademawu. The subjects of the study were 30 learners. The instruments used are media and material validation questionnaires as well as readability questionnaires and student responses. The results showed that: 1) The results of the product feasibility test on the media aspect produced an average percentage of 94.218% with the very feasible category and the feasibility test on the material aspect resulted in an average percentage of 87.916% with the very decent category, 2) The results of the media readability obtained an average percentage value of 84.81% with the very good category, 3) The results of student responses after using the media obtained an average percentage value of 82.84% with excellent categories. The conclusion of this study is that the e-modules developed can be disseminated to students and are suitable for use as learning media.

Keywords: *e-module, ethnoscience, rengginang lorjuk, additives.*