

Khoiatul Aima. 2023. *Pengembaga E-Modul IPA Berbasis Inkuiri Terbimbing pada Materi Zat Aditif dan Adiktif*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Wiwin Puspita Hadi.

ABSTRAK

Penelitian ini bertujuan untuk mengembangkan dan mengetahui kelayakan serta respons siswa terhadap media e-modul IPA berbasis inkuiri terbimbing pada materi zat aditif dan adiktif. Penelitian ini menggunakan model pengembangan ADDIE (*Analyze, Design, Development, Implementation, dan Evaluation*). Instrumen penelitian ini yaitu lembar validasi ahli materi, ahli media serta angket respons siswa. Hasil uji validasi ahli media dan materi menghasilkan nilai rata-rata presentase 87% dengan kategori sangat layak dan 93% untuk reliabilitasnya dengan kategori sangat reliabel. Uji coba kepada 30 siswa di SMP Negeri 01 Kamal menghasilkan rata-rata angket respons siswa sebesar 88% dengan kategori sangat baik. Oleh karena itu, dapat disimpulkan bahwa media e-modul IPA berbasis inkuiri terbimbing pada materi zat aditif dan adiktif sangat layak digunakan oleh siswa dan mendapat respons yang sangat baik.

Kata Kunci: e-modul, inkuiri terbimbing, kelayakan, respons, zat aditif-adiktif.

Khoiatul Aima. 2023. *The Development of Guided Inquiry-Based Science E-Module on Additive and Addictive Materials*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo Madura University. Supervisor: Wiwin Puspita Hadi.

ABSTRACT

This research aims to develop and know the feasibility and student responses to guided inquiry-based science e-module media on additive and addictive substances. This research uses the ADDIE development model (Analysis, Design, Development, Implementation, and Evaluation). The research instruments were material expert validation sheets, media and student response questionnaires. The results of the media and material expert validation tests yield an average percentage value of 87% in the very feasible category and 93% for reliability with the very reliable category. Tests on 30 students at SMP Negeri 01 Kamal resulted in an average student response questionnaire of 88% in the very good category. Therefore, it can be concluded that the science e-module media based on guided inquiry on additive and addictive materials is very worthy of use by students and gets a very good response.

Keywords: e-module, guided inquiry, feasibility, response, additive-addictive substances.