

Tasya Yulianita Amanda, 2023. *Pengembangan Website Kearifan Lokal Jamu Madura Pada Materi Zat Aditif*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing : Dwi Bagus Rendy Astid Putera.

ABSTRAK

Pembelajaran IPA berbasis kearifan lokal masih jarang diterapkan akibat kurangnya sarana dan prasarana dalam pengintegrasian informasi dengan materi IPA. Siswa lebih tertarik dengan pembelajaran berbasis digital. Solusi yang diberikan melalui penelitian ini yaitu melalui pengembangan *website* kearifan lokal jamu Madura pada materi zat aditif. Tujuan penelitian ini yaitu untuk mengetahui kelayakan, keterbacaan, dan respons siswa terhadap media *website* kearifan lokal jamu Madura. Penelitian ini menggunakan model pengembangan *ADDIE* (*Analyze, Design, Development, Implementation, and Evaluate*). Penelitian ini dilaksanakan di SMPN 1 Kamal dengan subjek penelitian kelas IX-H dan IX-I yang berjumlah 44 siswa semester genap tahun ajaran 2022-2023. Teknik pengumpulan data melalui angket validasi ahli media, ahli materi, keterbacaan siswa, dan respons siswa terhadap media. Hasil penelitian mendapatkan data bahwa : (1) Pengembangan *website* kearifan lokal jamu Madura layak digunakan dengan persentase kelayakan dari ahli media sebesar 97 % dalam kategori sangat valid, dan persentase dari ahli materi sebesar 86 % dalam kategori sangat baik. (2) Keterbacaan siswa terhadap media mendapat nilai rata-rata sebesar 83,5 % dalam kategori sangat baik. (3) Respons siswa terhadap media mendapat nilai rata-rata sebesar 82 % dalam kategori sangat baik.

Kata Kunci : kearifan lokal jamu Madura, pembelajaran IPA, *website*

Tasya Yulianita Amanda, 2023. *Development of the Madura Jamu Local Wisdom Website on Additive Materials*. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo Madura University. Supervisor: Dwi Bagus Rendy Astid Putera.

ABSTRACT

Science learning based on local wisdom is still rarely applied due to the lack of facilities and infrastructure in integrating information with science materials. Students are more interested in digital-based learning. The solution provided through this research is through the development of a website for local wisdom of Madurese herbal medicine on additive materials. The purpose of this study was to determine the feasibility, readability, and response of students to the media website of local wisdom of Madura herbal medicine. This research uses the *ADDIE development model* (*Analyze, Design, Development, Implementation, and Evaluate*). This research was carried out at SMPN 1 Kamal with the research subjects of classes IX-H and IX-I totaling 44 students in the even semester of the 2022-2023 academic year. Data collection techniques through validation questionnaires of media experts, material experts, student readability, and student responses to media. The results of the study obtained data that: (1) The development of local wisdom websites for Madur herbal medicine is feasible to use with a percentage of feasibility from media experts of 97% in the very valid category, and a percentage of material experts of 86% in the very good category. (2) Student readability towards the media received an average score of 83.5% in the excellent category. (3) Student response to the media received an average score of 82% in the excellent category.

Keywords: local wisdom of Madura herbal medicine, science learning, website