

ABSTRAK

Armini, IAP (2023), *Pengembangan Bahan Ajar Digital Berkearifan Lokal Panca Yadnya Untuk Mengukur Hots IPA Materi Panas Dan Perpindahannya Pada Siswa Kelas V Sekolah Dasar*. Tesis, Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha.

Tesis ini telah disetujui dan diperiksa oleh Pembimbing I: Prof. Dr. I Made Candiasa, M.I.Kom., dan Pembimbing II: Prof. Dr. I Wayan Suastra, M.Pd

Kata-kata kunci: bahan ajar digital, validitas, kepraktisan, efektifitas

Penelitian ini bertujuan untuk menghasilkan produk berupa bahan ajar digital berorientasi kearifan lokal Bali untuk kelas V sekolah dasar yang valid, praktis, dan efektif. Penelitian ini merupakan penelitian pengembangan dengan model ADDIE. Subjek penelitian adalah ahli materi, ahli bahasa, ahli media, guru, dan siswa. Sedangkan objek penelitian adalah validitas, kepraktisan, dan efektivitas. Data diklasifikasikan menjadi dua yakni data kualitatif dan data kuantitatif. Teknik pengumpulan data menggunakan teknik kuesioner. Kuesioner digunakan untuk mengukur validitas dan kepraktisan bahan ajar digital. Validitas diuji oleh masing-masing 2 orang ahli yakni ahli materi, ahli media, dan ahli bahasa. Kepraktisan bahan ajar digital dinilai oleh 8 orang guru dan 11 orang siswa kelas V SD di Gugus VIII kecamatan Mengwi. Data yang terkumpul kemudian dianalisis secara deskriptif kuantitatif. Hasil dari penelitian ini menunjukkan bahwa: (1) analisis uji validitas menunjukkan bahwa rata-rata keseluruhan validasi sebesar 4,69 dan berada pada interval $4,21 \leq Rv \leq 5,00$ yang menunjukkan bahwa bahan ajar digital berada pada kategori sangat valid. (2) kepraktisan bahan ajar digital ini menunjukkan rata-rata penilaian guru terhadap kepraktisan bahan ajar digital sebesar 4,89 dan berada pada interval $4,21 \leq Rk \leq 5,00$ yang menunjukkan bahwa bahan ajar digital berkearifan lokal berada pada kategori sangat praktis. Begitu pula penilaian siswa diperoleh sebesar 4,63 dan berada pada interval $4,21 \leq Rk \leq 5,00$ berada pada kategori sangat praktis. (3) uji-t menunjukkan bahwa nilai Sig.(2-tailed) $< 0,05$ yang bernilai signifikan. Berdasarkan hasil penelitian disimpulkan bahwa penelitian pengembangan ini menghasilkan bahan ajar digital berorientasi kearifan lokal Bali pada materi Panas dan Perpindahannya kelas V sekolah dasar yang sangat valid, sangat praktis, dan efektif.

ABSTRACT

Armini, IAP (2023), *The Development Of Digital Teaching Materials With Local Wisdom Of Panca Yadnya for Measuring HOTS Science About Heat and Their Transfer Materials in Class V Of Elementary School Students*. Thesis, primary education, postgraduate program, university of education Ganesha

This thesis has been supervised and approved by supervisor I: Prof. Dr. I Made Candiasa, M.I.Kom., and supervisor II : Prof. Dr. I Wayan Suastra, M.Pd

Keywords: digital teaching materials, validity, practicality, effectiveness

This study aims to produce products in the form of digital teaching materials oriented to Balinese local wisdom for grade V elementary school which are valid, practical, and effective. This research is a development research by adapting the ADDIE. The subjects of this research are material experts, design experts, media experts, teachers and students, while the object of the research is the validity, practicality, and effectiveness. The data is classified into two; they are qualitative data and quantitative data. The data collection techniques are using a questionnaire. Questionnaires are used to measure the validity and practicality of digital teaching materials. The validity was tested by two material experts, two media experts, and two design experts. The practicality of digital teaching materials was tested by 8 teachers, and 11 students of grade V Elementary school in cluster VIII Mengwi. The collected data then analyzed quantitatively descriptively. The results of this study indicate that: (1) The analysis of the validity test shows that the overall average validation is 4,69 and in the range of $4,21 \leq R_v \leq 5,00$ which indicates that the digital teaching materials categorized very valid. (2) the practicality of digital teaching materials shows that the average teacher's assessment about the practicality of digital teaching materials is 4,89 and in interval $4,21 \leq R_k \leq 5,00$ which indicates the digital teaching material categorized very practical. Likewise, the students' assessment is obtained at 4,63 and in the interval of $4,21 \leq R_k \leq 5,00$ which indicates that digital teaching materials with local wisdom categorized as very practical. (3) The t-test shows the value of Sig.(2-tailed) is <0.05 , which is significant value. Based on the results of the study, it can be concluded that this development research produces digital teaching materials oriented to Balinese local wisdom in Heat and Their Transfer Materials for elementary school grade V that were very valid, very practical, and effective.