

ABSTRAK

Sari, Made Ratna Permata (2023). *Pengembangan Modul Pembelajaran Berbantuan Augmented Reality pada Topik Sistem Pernapasan Manusia dan Hewan untuk Meningkatkan Motivasi Belajar Siswa Kelas V Sekolah Dasar*. Tesis, Pendidikan Dasar, Program Pascasarjana, Universitas Pendidikan Ganesha.

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Kata-kata Kunci: Modul Pembelajaran, *Augmented Reality*, Sistem Pernapasan

Penelitian ini bertujuan untuk mengembangkan modul pembelajaran berbantuan *augmented reality* pada topik sistem pernapasan manusia dan hewan di kelas V sekolah dasar yang valid, praktis, dan efektif dalam meningkatkan motivasi belajar siswa kelas V sekolah dasar. Penelitian ini menggunakan model *ADDIE* yang terdiri dari lima tahap yaitu *analyze, design, development, implementation, dan evaluation*. Metode pengumpulan data yang digunakan dalam penelitian ini adalah metode observasi, wawancara, dan kuesioner. Instrumen pengumpulan data yang digunakan adalah *rating scale*. Analisis data yang digunakan adalah analisis data deskriptif kuantitatif kualitatif dan analisis statistik inferensial dengan uji-t. Uji validitas modul dianalisis menggunakan rumus Lawshe, uji kepraktisan dianalisis menggunakan rumus *mean*, dan uji efektivitas dianalisis menggunakan uji t-burning. Hasil penelitian ini menunjukkan bahwa modul yang dikembangkan valid, praktis, dan efektif digunakan untuk meningkatkan motivasi belajar siswa kelas V sekolah dasar. Berdasarkan penilaian ahli materi dan ahli media modul yang dikembangkan valid dengan skor 0,95 dan memperoleh indeks istimewa. Berdasarkan penilaian guru modul dinyatakan praktis dengan skor rata-rata kepraktisan sebesar 66,07 dan tergolong kategori sangat prkatis. Berdasarkan hasil uji coba pada siswa, modul dinyatakan efektif meningkatkan motivasi belajar siswa dengan perolehan $t_{hitung} > t_{tabel}$ yakni $3,278 > 1,729$ dan nilai signifikansi (2-tailed) $< 0,05$ yakni $0,004 < 0,05$ dengan kemurnian efektivitas sebesar 0,733 tergolong sedang.

ABSTRACT

Sari, Made Ratna Permata (2023). *Development of an Augmented Reality Assisted Learning Module on the Topic of the Respiratory System of Humans and Animals to Increase the Learning Motivation of Fifth Grade Elementary School Students. Thesis, Basic Education, Postgraduate Program, Ganesha University of Education.*

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Keywords: Learning Module, Augmented Reality, Respiratory System

This study aims to develop an augmented reality assisted learning module on the topic of human and animal respiratory systems in grade V elementary school that is valid, practical, and effective in increasing students' motivation in class V elementary school. This study uses the ADDIE model which consists of five stages, namely analyze, design, development, implementation, and evaluation. Data collection methods used in this research are observation, interview, and questionnaire methods. The data collection instrument used is the rating scale. Data analysis used is descriptive quantitative qualitative data analysis and inferential statistical analysis with t-test. The validity test of the module was analyzed using the Lawshe formula, the practicality test was analyzed using the mean formula, and the effectiveness test was analyzed using the t-burning test. The results of this study indicate that the modules developed are valid, practical, and effective in increasing the learning motivation of fifth grade elementary school students. Based on the assessment of material experts and media experts, the developed module is valid with a score of 0.95 and obtains a special index. Based on the teacher's assessment, the module was stated to be practical with an average practicality score of 66.07 and classified as a very practical category. Based on the results of trials on students, the module was declared effective in increasing student learning motivation with the acquisition of $t \text{ count} > t \text{ table}$, namely $3.278 > 1.729$ and a significance value (2-tailed) < 0.05 , namely $0.004 < 0.05$ with an effectiveness purity of 0.733 classified as moderate.