

**PENGEMBANGAN KONTEN E-LEARNING MATA PELAJARAN  
BAHASA BALI PADA ERA REVOLUSI INDUSTRI 4.0 DI SMAN 3  
SINGARAJA TAHUN PELAJARAN 2019/2020**

**Oleh**

**I Made Kenny Kusuma Pradita, NIM 1511021014**

**Prodi Teknologi Pendidikan**

**Abstrak**

Penelitian ini bertujuan untuk (1) menggambarkan rancang bangun proses pengembangan konten *e-learning* (2) mendeskripsikan validitas hasil pengembangan konten *e-learning* (3) mengetahui efektivitas *e-learning* menggunakan *google classroom* yang dikembangkan terhadap hasil belajar Bahasa Bali. Subjek penelitian 1 ahli isi mata pelajaran, 1 ahli desain pembelajaran, 1 ahli media pembelajaran, dan 38 siswa untuk uji coba (3 siswa untuk uji coba perorangan, 9 siswa untuk uji coba kelompok kecil, 26 siswa untuk uji coba lapangan). Metode pengumpulan data yaitu pencatatan dokumen, kuesioner dan tes. Teknik analisis data yang digunakan, yaitu analisis deskriptif kualitatif dan analisis deskriptif kuantitatif. Hasil penelitian (1) Pengembangan konten *e-learning* di era revolusi industri 4.0 dengan model *R&D* meliputi 10 tahapan (a) Penelitian dan pengumpulan data (*research and information collecting*), (b) Perencanaan (*planning*), (c) Pengembangan produk awal (*develop preliminary form of product*), (d) Uji coba lapangan (*preliminary field testing*), (e) Merevisi hasil uji coba (*main product revision*), (f) Uji coba lapangan utama (*main field testing*), (g) Penyempurnaan produk hasil uji lapangan (*operasional product revision*), (h) Uji coba pelaksanaan (*operasional field testing*), (i) Penyempurnaan produk Akhir (*final product revision*), (j) Diseminasi dan implementasi (*Dissemination and implementation*). (2) konten *e-learning* di era revolusi industri 4.0 dengan model *R&D* valid dengan: (a) hasil *review* ahli isi mata pelajaran menunjukkan konten *e-learning* berpredikat sangat baik (92%), (b) hasil *review* ahli desain pembelajaran menunjukkan konten *e-learning* berpredikat sangat baik (87%), (c) hasil *review* ahli media pembelajaran menunjukkan konten *e-learning* berpredikat sangat baik (84%), (d) hasil uji coba perorangan konten *e-learning* berpredikat sangat baik (94,8%), hasil uji coba kelompok kecil konten *e-learning* berpredikat sangat baik (96,4%) dan hasil uji coba lapangan konten *e-learning* berpredikat sangat baik (90,56%) (3) konten *e-learning* yang dikembangkan efektif meningkatkan hasil belajar Bahasa Bali.

Kata-kata kunci: efektivitas, *e-learning*, konten, pengembangan, validitas

## **DEVELOPMENT OF E-LEARNING CONTENT IN BALI LANGUAGES IN THE ERA OF THE 4.0 INDUSTRY REVOLUTION**

**By**

**I Made Kenny Kusuma Pradita, NIM 1511021014**

**Prodi Educational Technology**

This research is motivated by the problem regarding the learning outcomes of Balinese language lessons of students in class X IPA II on speech material which is still low. The objectives to be achieved in this study are: 1) to describe the design and development of the e-learning development process for Balinese, 2) to describe the validity of the results of e-learning development according to expert reviews and trials, 3) to describe the validity of the results of e-learning development according to a review of field test results, 4) to determine the effectiveness of e-learning with Google Classroom Data collection methods were document recording, questionnaires and tests. The data analysis technique used is descriptive qualitative analysis and quantitative descriptive analysis. Based on the results of data processing, research results were obtained (a) the results of subject content expert reviews show that e-learning content is very good (92%), (b) the results of reviews by learning design experts show the content e-learning is predicated very well (87%), (c) the results of reviews by learning media experts show that e-learning content is very good (84%), (d) the results of individual trials of e-learning content are very good (94.8 %), the results of the small group trial of e-learning content were predicated very well (96.4%) and the results of field trials of e-learning content were very good (90.56%) (e) e-learning content developed was effective in improving the results of learning Balinese. Based on this, e-learning content is effectively used in Balinese language subjects.

**Key Word:** effectiveness, e-learning, content, development, validity