

ABSTRAK

Endang Rianti. Pengembangan Media *Powerpoint* Bervideo Berbasis Kontekstual Pada Mata Kuliah Mikrobiologi di Unimed. Tesis. Program Pascasarjana Universitas Negeri Medan. 2017.

Penelitian ini bertujuan untuk: (1) Mengembangkan media *powerpoint* bervideo berbasis kontekstual; dan (2) Mengetahui tanggapan dosen pengampu dan mahasiswa terhadap media *powerpoint* bervideo berbasis kontekstual yang dikembangkan pada mata kuliah mikrobiologi. Jenis penelitian ini adalah penelitian pengembangan yang menggunakan Model *Borg & Gall*, yang meliputi tahap analisis kebutuhan, tahap merumuskan tujuan instruksional, tahap merancang media pembelajaran, tahap validasi produk, tahap uji coba produk, dan tahap revisi. Penelitian pengembangan ini akan menghasilkan suatu produk media *PowerPoint* bervideo berbasis pendekatan kontekstual pada mata kuliah mikrobiologi. Data tentang kualitas produk pengembangan ini didapatkan dengan kuesioner atau angket yang diberikan kepada dosen dan mahasiswa, kemudian dianalisis dengan deskriptif kualitatif. Hasil penelitian menunjukkan : (1) uji ahli materi berada pada kriteria sangat baik (87%), (2) uji ahli desain pembelajaran berada pada kriteria sangat baik (91%), (3) penilaian dosen pengampu mata kuliah berada pada kriteria sangat baik (94%), (4) uji coba mahasiswa perorangan berada pada kriteria menarik (80%), (5) uji coba mahasiswa kelompok kecil berada pada kriteria sangat menarik (81%), dan (6) uji coba mahasiswa kelompok terbatas berada pada kriteria sangat menarik (83%).

Kata Kunci: Pengembangan Media, Mikrobiologi, dan Powerpoint bervideo.



ABSTRACT

Endang Riani. The development of Contextual-Based *Powerpoint* Video Media on Microbiology Course in State University of Medan. Thesis. Postgraduate Program, State University of Medan. 2017.

This research were aimed to: (1) develop contextual-based *powerpoint* video media; and (2) find out the lecture and college students respons to contextual-based *powerpoint* video media which developed in Microbiology course. This development research was used the Borg and Gall Model, consist of several stages including needs analysis stage, instructional goals formulating stage, designing learning media stage, product validation stage, product trial stage, and revision stage.

This development research was resulted a contextual-based *powerpoint* video media on Microbiology course. The data of the quality of this development product was collected by administered questionnaire to lectures and college students. The data were analyzed by qualitative descriptive method. The results of this study showed that: (1) expert material test was in very good category (87%), (2) expert learning design test was in very good category (91%), (3) microbiology lectures respon to media was in very good category (94%), (4) individual student test was in interesting category (80%), (5) small group student test was in very interesting category (81%), and limited group student test was in very interesting category (83%).

Key Word : *Media Development, Microbiology, dan Powerpoint video.*