ABSTRAK

Helmi Fauziah Nasution. NIM. 8176141003. Pengembangan Bahan Ajar Asesmen Afektif Yang Inovatif Berbasis Multimedia Untuk Meningkatkan Hasil Belajar Mahasiswa Program Studi Pendidikan Kimia Universitas Negeri Medan. Tesis. Medan: Program Studi Pendidikan Kimia, Pascasarjana Universitas Negeri Medan. 2020.

Penelitian ini bertujuan untuk memperoleh bahan ajar mata kuliah evaluasi dan penilaian hasil belajar kimia materi asesmen afektif sesuai SNPT di program studi Pendidikan Kimia, mengetahui perbedaan peningkatan hasil belajar mahasiswa yang dibelajarkan dengan bahan ajar inovatif berbasis multimedia dengan peningkatan hasil belajar mahasiswa yang dibelajarkan mengunakan buku pegangan mahasiswa pada materi asesmen afektif di Universitas serta melihat *respon mahasiswa terhadap* bahan ajar inovatif berbasis multimedia. Penelitian ini termasuk penelitian pengembangan (*research and development*) dengan model Borg dan Gall. Sampel dipilih menggunakan teknik *purposive sampling*. Sampel penelitian ini adalah mahasiswa pendidikan kimia yang terdiri dari 2 kelas yaitu kelas eksperimen I dan kelas eksperimen II masing-masing sebanyak 24 mahasiswa. Instrumen dalam penelitian ini adalah lembar uji kelayakan bahan ajar berdasarkan SNPT, tes hasil belajar mahasiswa yang dianalisis menggunakan uji *Independent Sample T-test* pada program SPSS 17.0 *for windows* dan angket respon mahasiswa. Hasil penelitian menunjukkan bahwa (1) Bahan ajar yang dikembangkan telah valid dan layak digunakan sesuai SNPT dengan nilai rata-rata keseluruhan 3,7 (2) Hasil analisis data diperoleh nilai rata-rata kelas eksperimen I 35,58 dan kelas eksperimen II 32,08. Sehingga dapat disimpulkan bahwa Terdapat perbedaan hasil belajar mahasiswa yang menggunakan bahan ajar inovatif berbasis multimedia dengan mahasiswa yang menggunakan bahan ajar yang ada di Universitas, (3) Respon mahasiswa terhadap bahan ajar yang dikembangkan tergolong sangat baik dengan rata-rata sebesar 91,04 %.

Kata Kunci: *Inovasi Bahan Ajar, Multimedia, Asesmen Afektif*

ABSTRACT

Helmi Fauziah Nasution. NIM. 8176141003. ***Development of Multimedia-Based Affective Assessment Materials for Improving Student Learning Outcomes in Chemistry Education Study Program, State University of Medan.*** Thesis. Medan: Department of Chemistry Education, Postgraduate of State University of Medan, 2020.

This study aims to obtain teaching materials for evaluation and evaluation of chemistry learning outcomes for affective assessment materials, according to SNPT in the Chemistry Education study program. Moreover, it used to find out the differences in student learning outcomes that are taught with innovative multimedia-based teaching materials by increasing student learning outcomes by using a handbook student on affective assessment materials. It also to see the student responses to innovative multimedia-based teaching materials. This research includes research development (research and development) with the Borg and Gall models. Samples were selected using a purposive sampling technique. The sample of this study was Chemistry Education students consisting of 2 classes, namely experimental class I and experimental class II, each of 24 students. The instrument in this study was the feasibility test sheet of teaching materials based on the SNPT. Student learning outcomes tests were analyzed using the Independent Sample T-test in the SPSS 17.0 program for windows and the student response questionnaire. The results showed that (1) The teaching material developed was valid and suitable to be used according to SNPT with an overall average value of 3.7 (2) From the achievement of data analysis, it obtained an average value of experimental I grade is 35,58 and the average value of experimental II grade is 32,08, so that it can be concluded there was a difference in the improvement of student learning outcomes using multimedia-based innovative teaching materials with students using teaching materials that were at the University, (3) Student responses to teaching materials developed were classified as very good with an average of 91.04%.

Keywords: *Affective Assessment, Multimedia, Teaching Material Innovation*