ABSTRAK

Sapnita Idamarna Daulay. Nim 8156141025. Pengembangan Bahan Ajar Kimia Analitik I pada Pokok Bahasan Analisis Gravimetri. Tesis. Medan : Program Studi Pendidikan Kimia Pascasarjana Universitas Negeri Medan, 2018.

Penelitian ini bertujuan untuk mengetahui keefektifan bahan ajar analisis gravimetri yang dikembangkan dengan mengintegrasikan metode pembelajaran dalam meningkatkan hasil belajar dan motivasi belajar mahasiswa. Jenis penelitian ini adalah penelitian pengembangan (research and development) yang bersifat deskriptif. Sampel dalam penelitian ini diambil menggunakan teknik purposive sampling, sehingga jumlah sampel dalam penelitian ini sebanyak 20 mahasiswa. Instrumen pengumpul data dalam penelitian ini yaitu untuk angket kelayakan bahan ajar sesuai dengan Standar BSNP, hasil belajar diperoleh dari data evaluasi (pretest-postest) dan tugas mahasiswa, sedangkan untuk aspek afektif menggunakan angket motivasi. Hasil yang diperoleh adalah pengembangan bahan ajar menunjukkan bahwa bahan ajar yang dikembangkan layak dengan rata-rata nilai sebesar 3,31. Sedangkan dari hasil belajar rata-rata nilai pretest sebesar 35,50 dan posttest 86,35, rata-rata nilai tugas rutin 89,92, rata-rata nilai mini riset sebesar 89,80, rata-rata nilai project 88,50, rata-rata nilai CBR 88,50, rata-rata nilai CJR 81,75.sedangkan motivasi mahasiswa terhadap bahan ajar tergolong kategori tinggi sebesar 65%.

Kata Kunci : Bahan Ajar, Pengembangan, hasil belajar, motivasi belajar

ABSTRACT

Sapnita Idamarna Daulay. IDN 8156141025. Development of Analytical Chemistry I Teaching Materials in the Subject of Gravimetric Analysis. Thesis. Medan : Program Study Chemistry Education Potgraduate Medan State University, 2018.

This research was aimed to know the gravimetric analysis teaching materials developed by integrating effective learning methods in improving student learning outcomes and motivation. This research was a development research which was descriptive. The sampling was done by purposive sampling technique. Sample was tested as much as 20 students. The result was got from from the feasibility of teaching materials in accordance with the BSNP Standards, learning outcomes are obtained from evaluation data (pretest-posttest) and student assignments, while for the affective aspects using motivational questionnaires.. The result was got from from the development of teaching materials shows that the instructional material developed is feasible with an average value of 3,31. While the learning results had pretest average was 35.50 and posttest 86.35, routine assignments average was 89.92, mini research was 89.80, project was 88.50, CBR was 88.50, CJR was 81.75, while the motivation of students towards teaching material is categorized as high by 65%.

Keywords: Teaching Materials, Development, learning outcomes, learning motivation