

## ABSTRAK

**Elvira Lastri. Nim 8166141016. Pengembangan Kit dan Penuntun Praktikum Kimia Terintegrasi Model *Guided Inquiry* Untuk Kelas XI SMA/MA Semester Ganjil Sesuai Kurikulum 2013.** Tesis. Medan: Program Studi Pendidikan Kimia Pascasarjana Universitas Negeri Medan, 2018.

Penelitian ini bertujuan untuk memperoleh kit dan penuntun praktikum kimia terintegrasi model *guided inquiry* untuk kelas XI SMA/MA semester ganjil sesuai kurikulum 2013. Penelitian ini merupakan penelitian pengembangan (*research and development*) dengan desain model ADDIE. Lokasi penelitian di SMAN 2 Kampar, SMAN 1 Kampar Timur dan SMAN 2 Rumbio Jaya yang berada di kabupaten Kampar provinsi Riau. Populasi penelitian adalah siswa kelas XI dengan sampel sebanyak 94 siswa dari ketiga sekolah tersebut. Teknik analisis data dalam penelitian adalah deskriptif kuantitatif. Data diperoleh dari lembar uji kelayakan penuntun dan kit praktikum, lembar observasi sikap dan keterampilan, tes hasil belajar kognitif, lembar observasi keterlaksanaan praktikum dan respon siswa. Berdasarkan analisis data diperoleh bahwa kit dan penuntun praktikum kimia yang telah dikembangkan valid dengan nilai berturut-turut sebesar 3,65 dan 3,7 sehingga layak digunakan dalam pembelajaran kimia. Hasil belajar berdasarkan tes kemampuan kognitif siswa di sekolah SMAN 2 Kampar, SMAN 1 Kampar Timur dan SMAN 2 Rumbio Jaya berturut-turut sebesar 0,67 (sedang); 0,7 (tinggi); dan 0,73 (tinggi). Sementara itu hasil penilaian sikap siswa berturut-turut sebesar 89,37; 88,31; 86,93% dengan kriteria baik dan penilaian keterampilan siswa berturut-turut sebesar 91; 89; 89% dengan kriteria baik. Hasil uji keterlaksanaan praktikum terhadap siswa berturut-turut sebesar 88,74; 85,12; 85,78% dengan kriteria sangat baik. Selain itu, respon siswa terhadap buku penuntun praktikum kimia diperoleh nilai berturut-turut sebesar 88,34; 86,62; 87,11% dengan kriteria baik dan respon siswa terhadap kit praktikum kimia berturut-turut sebesar 88,87; 87,42; 87,17% dengan kriteria baik.

**Kata kunci:** *Kit praktikum kimia, Penuntun praktikum kimia, model guided inquiry, Hasil belajar, ADDIE.*

## ABSTRACT

**Elvira Lastri. Nim 8166141016. Development of Kit and Chemistry Practicum Guide Integrated Guided Inquiry Model For Grade XI Senior High School 1<sup>st</sup> Semester Curriculum 2013.** Thesis. Medan: Chemistry Education Department, Postgraduate of Universitas Negeri Medan, 2018.

This research was aimed to obtain a kit and guidance of chemistry practicum of integrated guided inquiry model for class XI senior high school in odd semester according to curriculum 2013. The kind of research was Research and Development with design of ADDIE model. The location of research at SHS state 2 Kampar, SHS state 1 East Kampar and SHS state 2 Rumbio Jaya in Kampar district of Riau province. The population a research students of Grade XI with sampel can ship of 94 students of from the three schools. The data analysis technique is descriptive quantitative. Data were obtained from feasibility test sheet of guidance and the practicum kit, attitude and skills observation sheets, cognitive learning outcomes test, observation sheet of practicum implementation and students response. Based on data analysis showed that kit and Chemistry practicum guide developing were valid respectively 3.65 and 3.7 that means it's feasible to be used in learning chemistry. Learning outcomes of cognitive ability test at SHS state 2 Kampar, SHS state 1 East Kampar and SHS state 2 Rumbio Jaya of students respectively of 0.67 (medium); 0.7 (high); and 0.73 (high). While the student's attitudes assessment are respectively of 89.37; 88.31; 86.93% with good criteria, Skills assessment of students are respectively of 91; 89; 89% with good criteria. The results of student's practicum implementation test are 88.74; 85.12; 85.78% with very good criteria. In addition, the students responses to the chemistry guide book obtained values of 88.34; 86.62; 87.11% with good criteria and student response to chemistry kit respectively 88.87; 87.42; 87.17% with good criteria.

**Keywords :** *Chemistry practicum kit, Chemistry practicum guide, guided inquiry model, Learning outcomes, ADDIE.*

