

## ABSTRAK

**Yudhi Setiawan. 2018. “Pengembangan Modul Pembelajaran Kimia Berorientasi *Chemoentrepreneurship* pada Materi Kelas X Semester Genap SMA/MA”. Tesis. Padang: Pendidikan Kimia. Program Studi Pascasarjana. Universitas Negeri Padang.**

Pembelajaran kimia yang dikombinasikan dengan penerapan ilmu kimia untuk mengolah suatu bahan menjadi produk yang bernilai ekonomis dan bermanfaat dapat diterapkan melalui pembelajaran berorientasi *chemoentrepreneurship*. Pada penelitian ini bertujuan untuk menghasilkan suatu bahan ajar berupa modul pembelajaran kimia berorientasi *chemoentrepreneurship* yang telah dinyatakan valid, praktis, dan efektif untuk digunakan dalam pembelajaran. Pengumpulan data menggunakan metode wawancara, observasi, angket, tes dan dokumentasi. Pada hasil penelitian menunjukkan bahwa modul setelah divalidasi memperoleh skor validasi sebesar 85,2% sehingga dinyatakan sangat valid. Modul ini juga dinyatakan efektif karena aktivitas belajar siswa berada dalam kategori sangat tinggi dengan skor 81% dan pemahaman siswa dalam kategori baik yaitu memperoleh skor 81%. Sedangkan respon siswa dan guru terhadap pembelajaran menggunakan modul berorientasi *chemoentrepreneurship* mendapatkan respon positif dengan kategori sangat praktis. Berdasarkan hasil analisis data dapat disimpulkan bahwa modul pembelajaran kimia berorientasi *chemoentrepreneurship* dinyatakan telah valid, praktis, dan efektif digunakan sebagai sumber belajar siswa dalam pembelajaran kimia kelas X semester genap SMA/MA.

**Kata kunci : Pengembangan, Modul, Pembelajaran Kimia, *Chemoentrepreneurship*.**

## ABSTRAK

**Yudhi Setiawan. 2018 “The development of Chemistry Learning Module oriented in Chemoenterpreneurship process on the Second Semester of Ten Grade in Senior High School”. Thesis. Padang: Chemistry Education Department. Postgraduate Program. State University of Padang.**

Chemistry learning which is combined by applying the knowledge of chemistry itself by using the process of some materials into an economist and benefit things which can be applied through the learning oriented in chemoentrepreneurship process. This research has aimed to give outcome about learning materials into a chemistry learning module which is oriented by chemoentrepreneurship process that has been proven by validity, practicality, and effectivity for the usage of learning activity. The data has collected by using some methods such as interviewing, observing, giving questionnaire, testing, and documenting. This research has given the result that the learning module which has been validating is gotten validation score about 85,2% so it would be taking as valid true. This learning module has stated as an effective learning module because the learning activity can be concluded into high category which has gotten 81% so it would be taking as good category. Moreover, students' and teacher respondent about learning material by using learning module oriented by chemoentrepreneurship process has gotten a good respondent, so it would be taking as the best practicality category. In conclusion, the data analyzed can be concluded as the chemistry learning module oriented in chemoentrepreneurship process can be stated as raised validity, practicality, and effective for usage of chemistry learning material at Ten Grade on Senior High School Students.

**Keyword : Development, Module, Chemistry Learning, *Chemoentrepreneurship.***