

## ABSTRAK

**Cucu Nurlatifah** : Penerapan Model *Discovery learning* Berbantuan Media *Cheminosmart* pada Materi Tata Nama Senyawa Anorganik untuk Meningkatkan Hasil Belajar Siswa

Penelitian ini bertujuan untuk mendeskripsikan dan menganalisis aktivitas siswa pada setiap tahapan pembelajaran dengan menerapkan model *discovery learning* Bberbantuan media *cheminosmart*, menganalisis peningkatan hasil belajar siswa setela dilaksanakan pembelajaran dengan menerapkan model *discovery learning* berbantuan media *cheminosmart*. Metode penelitian yang digunakan adalah *pre-experimental design* dengan tipe *one group pretest posttest design*. Subjek penelitian ini adalah siswa kelas XI Farmasi SMK Arofah dengan jumlah 22 orang. Instrumen yang digunakan berupa deskripsi pembelajaran, lembar observasi aktivitas siswa, serta perangkat tes untuk mengukur hasil belajar siswa. Data diperoleh dari hasil observasi pada kegiatan pembelajaran dan pemberian skor pada soal pretest dan postest. Hasil penelitian menunjukkan aktivitas siswa secara keseluruhan mencapai 85% dengan interpretasi sangat baik. Hasil belajar siswa setelah pembelajaran dengan menerapkan model *discovery learning* berbantuan media *cheminosmart* mengalami peningkatan denan nilai *N-gain* sebesar 0,623 yang termasuk kedalam kategori sedang. Dengan demikian penerapan model *discovery learning* berbantuan media *cheminosmart* pada materi tata nama senyawa anorganik dapat meningkatkan hasil belajar siswa yang ditunjukkan dengan nilai rata-rata postest lebih besar dari nilai pretest yaitu 68,5 yang termasuk dalam kategori sedang.

Kata kunci : *discovery learning*, media *cheminosmart*, tata nama senyawa anorganik, hasil belajar siswa

## **ABSTRACT**

**Cucu Nurlatifah** : *Application of Discovery learning model assisted by Cheminosmart Media on Inorganic Compound Naming Material to Improve Student Learning Outcomes*

*This study aims to describe and analyse student activities at each stage of learning by applying the discovery learning model assisted by Cheminosmart media, analysing the improvement of student learning outcomes after learning by applying the discovery learning model assisted by cheminosmart media. The research method used was pre-experimental design with one group pretest posttest design. The subjects of this study were students of class XI Pharmacy SMK Arofah with a total of 22 people. The instruments used were learning descriptions, student activity observation sheets, and test instruments to measure student learning outcomes. Data was obtained from observations of learning activities and scoring of pretest and posttest questions. The results showed that overall student activity reached 85% with very good interpretation. Student learning outcomes after learning by applying the discovery learning model with cheminosmart media increased with an N-gain value of 0.623 which is included in the moderate category. Thus, the application of the discovery learning model assisted by cheminosmart media on inorganic compound naming material can improve student learning outcomes as indicated by the average posttest score greater than the pretest score of 68.5 which is included in the moderate category.*

**Keywords** : *Discovery learning, cheminosmart media, inorganic compound names, student learning outcomes*