

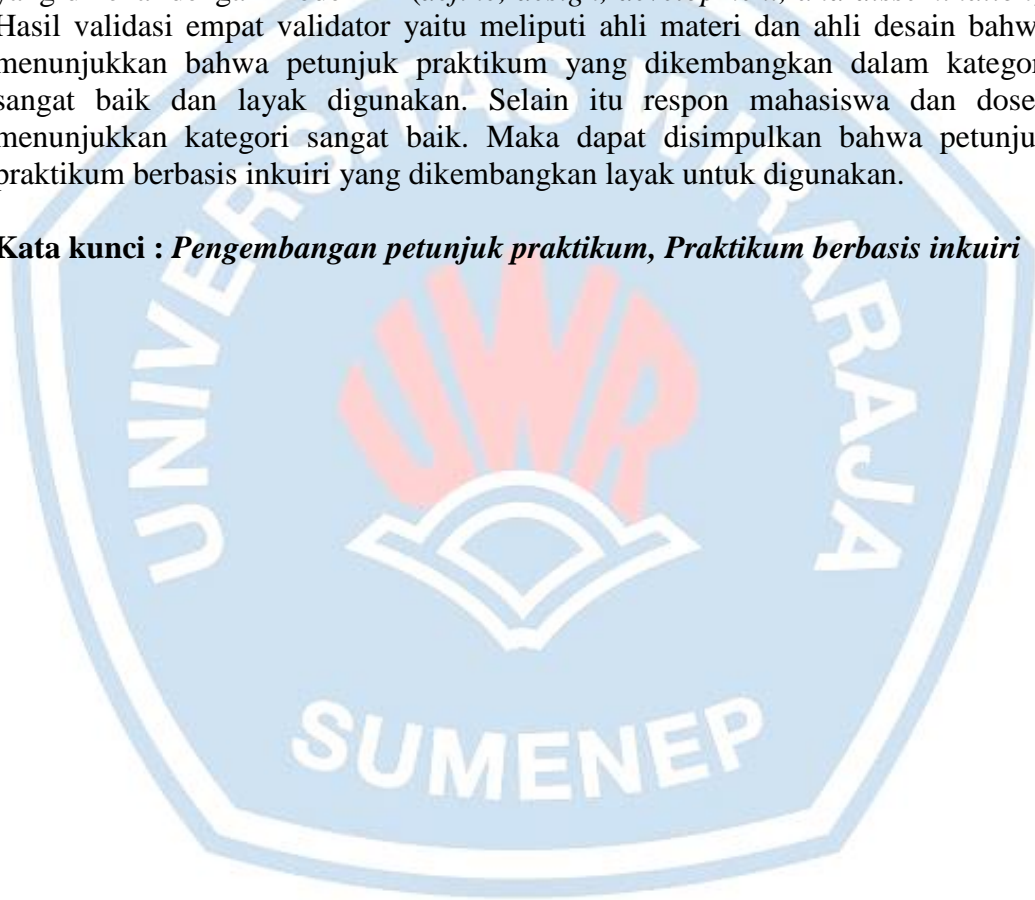
ABSTRAK

PENGEMBANGAN PETUNJUK PRAKTIKUM LISTRIK DAN MAGNET BERBASIS INKUIRI DI KAMPUS CEMARA

Oleh : Sukipno Andi Sarep

Penelitian ini bertujuan untuk mengetahui kelayakan petunjuk praktikum listrik dan magnet berbasis inkuiri serta mengetahui respon mahasiswa dan dosen terhadap petunjuk praktikum listrik dan magnet berbasis inkuiri di Kampus Cemara. Populasi penelitian ini sebanyak 10 mahasiswa yang menempuh matakuliah listrik dan magnet. Penelitian ini merupakan penelitian pengembangan R&D (*Research and Development*) dengan model pengembangan Thiagarajan yang dikenal dengan model 4D (*define, design, development, and dissemination*). Hasil validasi empat validator yaitu meliputi ahli materi dan ahli desain bahwa menunjukkan bahwa petunjuk praktikum yang dikembangkan dalam kategori sangat baik dan layak digunakan. Selain itu respon mahasiswa dan dosen menunjukkan kategori sangat baik. Maka dapat disimpulkan bahwa petunjuk praktikum berbasis inkuiri yang dikembangkan layak untuk digunakan.

Kata kunci : *Pengembangan petunjuk praktikum, Praktikum berbasis inkuiri*



ABSTRACT

DEVELOPMENT OF INQUIRY-BASED ELECTRIC AND MAGNETIC LAB MANUALS AT THE FIR CAMPUS

By : Sukipno Andi Sarep

This study aims to determine the appropriateness of inquiry-based electricity and magnet practicum and to know the response of students and lecturers to the inquiry-based electricity and magnetic practicum at Cemara Campus. The population of this study were 10 students who took electricity and magnetism courses. This research is a research and development development R&D (Research and Development) with the Thiagarajan development model known as the 4D model (define, design, development, and dissemination). The results of the validation of four validators which include material experts and design experts that show that the practical instructions developed in the category are very good and worth using. In addition, the response of students and lecturers showed a very good category. Then it can be concluded that the inquiry-based practicum guidance developed is feasible to use.

Keywords : *Development of practicum instructions, inquiry-based practicum*

