

ABSTRAK

Fitri Handayani. “Pengembangan Perangkat Pembelajaran Fisika Menggunakan Model Kooperatif Berbasis Budaya Aceh Untuk Meningkatkan Keterampilan Generik Sains dan Kejujuran Siswa”.

Penelitian ini bertujuan untuk mendeskripsikan validitas, kepraktisan dan keefektifan perangkat pembelajaran melalui model pembelajaran kooperatif berbasis budaya Aceh dan mengetahui peningkatan keterampilan generik sains dan kejujuran siswa dengan menerapkan perangkat pembelajaran melalui model pembelajaran kooperatif berbasis budaya Aceh. Penelitian ini merupakan *Research and Development (R&D)* dengan menggunakan model 4-D meliputi tahapan *define, design, develop, dan disseminate*. Penelitian ini dilakukan di sekolah SMA Negeri 1 Kutacane dengan populasi sebanyak 37 siswa di kelas XII IPA-Inti². Instrumen dan teknik pengumpulan data menggunakan lembar validasi perangkat pembelajaran yaitu lembar validasi Rencana Pelaksanaan Pembelajaran (RPP), lembar validasi Lembar Kegiatan Siswa (LKS), lembar validasi instrumen keterampilan generik sains dan kejujuran siswa. Aspek budaya Aceh diintegrasikan ke dalam fase-fase model kooperatif. Kegiatan diskusi siswa dilakukan dengan pola interaksi budaya Aceh yaitu bermusyawarah dalam menyelesaikan masalah yang diangkat dan ilustrasi budaya Aceh. Hasil penelitian perangkat pembelajaran melalui model pembelajaran kooperatif berbasis budaya Aceh telah memenuhi kriteria valid, praktis dan efektif. Keterampilan generik sains siswa berdasarkan analisis dengan uji N-gain pada pertemuan I hingga Pertemuan IV dari kategori rendah ke kategori sedang. Dan terdapat peningkatan kejujuran siswa setelah menerapkan perangkat pembelajaran fisika dengan model pembelajaran kooperatif berbasis budaya Aceh.

Kata Kunci : *Pengembangan Perangkat Pembelajaran Fisika, Kooperatif Berbasis Budaya Aceh, Keterampilan Generik Sains, Kejujuran Siswa.*

ABSTRACT

Fitri Handayani. "The Development of Physics Learning Tools Using Cooperative Models Based on Aceh Culture to Improve the Generic Skills of Science and Student Honesty".

This study aims to describe the validity, practicality and effectiveness of learning devices through cooperative learning based on Acehese culture and to know the increase in generic science skills and honesty of students by applying learning tools through cooperative learning based on Acehese culture. This research is Research and Development (R&D) using a 4-D model covering the stages of define, design, develop, and disseminate. This research was conducted in the school of 1 Public High School Kutacane with a population of 37 students in class XII IPA-Inti2. Instruments and Techniques for collecting data using the validation sheet of learning devices are the validation sheet of the Lesson Plan (LP), student worksheet (SWS) validation sheet, instrument validation sheet, generic science skills and student honesty. Acehese cultural aspects are integrated into the phases of the cooperative model. Student discussion activities carried out with a pattern of interaction between Aceh's culture, namely deliberation in solving problems raised and illustrations of Acehese culture. The results of the study of learning devices through the Acehese culture-based cooperative learning model have met valid, practical and effective criteria. Students' generic science skills are based on analysis with the N-gain test in meetings I to Meeting IV from the low category to the medium category. And there is an increase in students' honesty after applying the physics learning tool with the Acehese culture-based cooperative learning model.

Keywords: *Development of Physics Learning Tools, Cooperative Culture-based Aceh, Generic Science Skills, Student Honesty.*

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