

## ABSTRAK

**Khairunnisah Hasibuan:** Pengembangan Modul Praktikum Fisika Berbasis Kurikulum Merdeka Kelas X. **Program Studi Pendidikan Fisika FKIP Universitas Malikussaleh 2023.**

Penelitian ini bertujuan untuk mengetahui kelayakan, kemenarikan, dan kemudahan produk yang dikembangkan untuk dapat diimplimentasikan dalam proses pembelajaran. Produk yang dihasilkan berupa bahan ajar praktik yaitu modul praktikum fisika berbasis kurikulum merdeka kelas X pada siswa MAN 3 Aceh Utara.

Jenis penelitian yang digunakan adalah *research and development* (R&D) dengan desain pengembangan model *ADDIE* yang terdiri dari 5 tahapan yang harus dilakukan yaitu *Analyze, Design, Deveploment, Implementation* dan *Evaluation*. Instrumen yang digunakan dalam penelitian berupa angket kelayakan dan angket kemenarikan, kemudahan produk yang akan diberikan kepada guru bidang studi fisika dan siswa kelas X yang berada di MAN 3 Aceh Utara. Terdapat 3 guru fisika yang menjadi subjek uji coba kelayakan modul, 1 guru fisika dan 17 siswa yang menjadi subjek uji coba kemenarikan dan kemudahan modul praktikum.

Hasil penelitian menunjukkan bahwa bahan ajar bantu berupa modul praktikum fisika berbasis kurikulum merdeka sangat layak serta sangat menarik dan mudah untuk digunakan berdasarkan hasil penilaian kelayakan dari 3 guru fisika didapatkan hasil komponen isi diperoleh persentase 80,55% . Komponen bahasa sebesar 88,09%. Dan komponen penyajian 70,83%. Untuk angket kemenarikan dan kemudahan guru diperoleh persentase untuk aspek kemenarikan 80,00% dan untuk aspek kemudahan 75,00%. Sedangkan untuk angket kemenarikan dan kemudahan siswa mendapatkan persentase sebesar 80,32% . Sehingga dapat disimpulkan bahwa modul praktikum fisika sanagat layak, menarik dan mudah untuk digunakan dalam proses pembelajaran.

**Kata kunci:** *Modul Praktikum, Fisika, Kurikulum Merdeka*

## **ABSTRACT**

**Khairunnisah Hasibuan:** Development of Physics Practicum Modules Based on the Independent Curriculum Class X. **Physics Education Study Program FKIP Malikussaleh University 2023.**

This study aims to determine the feasibility, attractiveness, and ease of the products developed to be implemented in the learning process. The resulting product is in the form of practical teaching materials, namely the physics practicum module based on the independent curriculum of class X for MAN 3 North Aceh students.

The type of research used is research and development (R & D) with the design of ADDIE model development which consists of 5 stages that must be carried out, namely Analyze, Design, Deveploment, Implementation and Evaluation. The instruments used in the research are feasibility questionnaires and attractiveness questionnaires, the ease of products that will be given to physics teachers and grade X students in MAN 3 North Aceh. There were 3 physics teachers who were the subjects of the module feasibility trial, 1 physics teacher and 17 students which is the subject of testing the attractiveness and convenience of the practicum module.

The results showed that auxiliary teaching materials in the form of physics practicum modules based on the independent curriculum were very feasible and very interesting and easy to use based on the results of feasibility assessments from 3 physics teachers, the results of the content component were obtained a percentage of 80.55%. The language component is 88.09%. And the serving component is 70.83%. For the attractiveness and convenience questionnaire, the percentage for the attractiveness aspect was 80.00% and for the facility aspect 75.00%. As for the questionnaire, the attractiveness and convenience of students get a percentage of 80.32%. So it can be concluded that the physics practicum module is feasible, interesting and easy to use in the learning process.

**Keywords:** Practicum Module, Physics, Independent Curriculum