

ABSTRAK

PENGEMBANGAN E-MODUL AJAR BERBASIS KURIKULUM
MERDEKA PADA MATERI ASAM BASA FASE F SMA

Marcella Kasiandri
Universitas Sanata Dharma
2024

Modul ajar merupakan salah satu perangkat pembelajaran pada Kurikulum Merdeka. Modul ajar menjadi hal wajib yang perlu dibuat oleh pendidik dan dibuat dengan model pembelajaran yang bervariasi. Pengembangan modul ajar berbasis Kurikulum Merdeka pada materi asam basa belum dilakukan. Untuk mengatasi hal ini, perlu dikembangkan modul ajar berbasis Kurikulum Merdeka pada materi asam basa dengan model pembelajaran yaitu *Guided Inquiry Learning* dan *Think-Pair-Share* dalam bentuk elektronik sebagai referensi pendidik. Penelitian ini merupakan penelitian *Research and Development* menggunakan model pengembangan ADDIE dan melibatkan 6 responden yaitu pendidik kimia di SMA Pangudi Luhur St. Louis IX Sedayu, SMA Stella Duce 2 Yogyakarta, SMA Abdi Siswa Bintaro, SMA Negeri 1 Kalasan, SMA Negeri 1 Banguntapan, dan SMA BOPKRI 2 Yogyakarta. Instrumen yang digunakan meliputi lembar wawancara, lembar validasi produk, butir soal LKPD 1 dan 2, butir soal asesmen diagnostik dan asesmen formatif pada kegiatan pembelajaran 1 dan 2, lembar angket respon pendidik dan angket pendidik. Data penelitian dianalisis dengan kualitatif dan kuantitatif. Hasil penelitian menunjukkan: (1) produk telah dikembangkan dengan model pengembangan ADDIE yang terdiri dari lima tahap yaitu tahap *analysis*, *design*, *development*, *implementation*, dan *evaluation* (2) produk dinyatakan sangat valid dengan validitas sebesar 85,59% dan sangat praktis dengan kepraktisan sebesar 90,83%.

Kata Kunci: Asam Basa, Kurikulum Merdeka, model pengembangan ADDIE, Modul Ajar.

ABSTRACT**DEVELOPMENT OF TEACHING E-MODULES BASED ON THE MERDEKA CURRICULUM ON HIGH SCHOOL PHASE F ACID-BASE MATERIAL**

Marcella Kasiandri
Sanata Dharma University
2024

Teaching modules are one of the learning tools in the Merdeka Curriculum. Teaching modules are mandatory for teachers to make and are made with a variety of learning models. The development of teaching modules based on the Merdeka Curriculum on acid-base material has not been done. To overcome this, it is necessary to develop teaching modules based on the Merdeka Curriculum on acid-base material with the learning models used, namely Guided Inquiry Learning and Think- Pair- Share in electronic form as a teacher reference. This research is a Research and Development study using the ADDIE development model and involves 6 respondents, namely chemistry educators from Saint Louis IX Pangudi Luhur High School in Sedayu, Stella Duce 2 Yogyakarta High School, Abdi Siswa High School in Bintaro, State Senior High School 1 Kalasan, State Senior High School 1 Banguntapan, and BOPKRI 2 Yogyakarta High School. The instruments used include interview sheets, development product validation sheets, LKPD items 1 and 2, diagnostic assessment items and formative assessments in learning activities 1 and 2, educator response questionnaire sheets and educator questionnaires. The research data were analyzed qualitatively and quantitatively. The results showed that: (1) the product has been developed with the ADDIE development model which consists of six stages, namely the analysis, design, development, implementation, and evaluation stages (2) the product meets the category of very valid because it produces score of validity 85.59% and meets the category of very practical with a practicality of 90.83%.

Keywords: Acid Base, ADDIE model, Merdeka Curriculum, Teaching Module