

ABSTRAK

Desi Aprilia Br Barus. NIM 5203143011: Pengembangan E-Modul Proses Pembuatan Batik Tulis Pada Elemen Batik Tradisional Dan Kekinian di SMK Negeri 1 Berastagi. Skripsi. Program Studi Pendidikan Tata Busana. Jurusan Pendidikan Kesejahteraan Keluarga. Fakultas Teknik. Universitas Negeri Medan. 2025.

Penelitian ini dilatarbelakangi oleh kesulitan peserta didik dalam memahami dan melaksanakan proses pembuatan batik tulis pada mata pelajaran Kriya Kreatif Batik dan Tekstil di SMK Negeri 1 Berastagi. Peserta didik masih mengalami kendala pada tahap perancangan motif, pencantingan, pewarnaan, hingga pelorotan sehingga hasil karya belum maksimal. Penelitian ini bertujuan untuk mengembangkan media pembelajaran berupa e-modul proses pembuatan batik tulis serta mengetahui tingkat kelayakan e-modul tersebut untuk digunakan dalam pembelajaran kelas XI Seni dan Industri Kreatif.

Metode penelitian dan pengembangan (R&D) ini menggunakan teknik analisis data statistik deskriptif dimana proses pengumpulan data melalui observasi, wawancara dan mengumpulkan angket. Model pengembangan yang digunakan adalah 4D (*Define, Design, Development dan Disseminate*). Media e-modul telah melalui tahap uji validasi yaitu 2 validator ahli materi dan ahli media, serta tahap uji coba pengembangan dengan tiga tahap yaitu uji coba kelompok kecil, uji coba kelompok sedang, dan uji coba kelompok besar dengan subjek penelitian sebanyak 33 peserta didik, dan uji kelayakan terhadap peserta didik dan guru.

Hasil dari penelitian dan pengembangan ini berupa (1) media pembelajaran berupa e-modul pada materi proses pembuatan batik tulis di kelas XI Seni dan Industri Kreatif SMK Negeri 1 Berastagi. (2) Hasil kelayakan media e-modul ialah: validasi terhadap ahli materi yaitu 85% dikategorikan “Sangat Baik” dan validasi terhadap ahli media yaitu 85,5% dikategorikan “Sangat Baik”. Pada tahap uji coba kelompok kecil hasil yang diperoleh yaitu 88,8% dikategorikan “Sangat Baik” Pada tahap uji coba kelompok sedang diperoleh hasil 93,5% dikategorikan “Sangat Baik”. Pada tahap uji coba kelompok besar hasil yang diperoleh yaitu 94,3% dengan kategori “Sangat Baik”. Hasil yang diperoleh melalui pengisian angket kelayakan guru yaitu 96% dikategorikan “Sangat Baik”. Hasil yang diperoleh melalui pengisian angket kelayakan siswa yaitu 96,4% dan dapat dikategorikan “Sangat Baik”. Berdasarkan keseluruhan hasil persentase tersebut diperoleh respon positif sehingga media e-modul proses pembuatan batik tulis yang dikembangkan sangat layak digunakan dalam proses pembelajaran.

Kata Kunci: Pengembangan, E-modul, Batik Tulis, Model 4D

ABSTRACT

Desi Aprilia Br Barus. NIM 5203143011: Development of E-Module on the Process of Making Hand-Written Batik in the Creative Crafts of Batik and Textile Subject at SMK Negeri 1 Berastagi. Thesis. Fashion Design Education Study Program. Department of Family Welfare Education. Faculty of Engineering. State University of Medan. 2025.

This research is motivated by the difficulties students face in understanding and implementing the process of making hand-drawn batik in the Creative Crafts of Batik and Textiles subject at SMK Negeri 1 Berastagi. Students still experience obstacles in the stages of motif design, canting, coloring, and pelorotan so that the results of the work are not optimal. This research aims to develop a learning media in the form of an e-module on the process of making hand-drawn batik and determine the level of e-module's suitability for use in learning for class XI Arts and Creative Industries.

This research and development (R&D) method uses descriptive statistical data analysis techniques where the data collection process is through observation, interviews and questionnaire collection. The development model used is 4D (Define, Design, Development and Disseminate). The e-module media has gone through a validation test stage, namely 2 validators, material experts and media experts, as well as a development trial stage with three stages, namely small group trials, medium group trials, and large group trials with research subjects of 33 students, and a feasibility test for students and teachers.

The results of this research and development are (1) learning media in the form of e-modules on the material of the process of making hand-drawn batik in class XI Arts and Creative Industries of SMK Negeri 1 Berastagi. (2) The results of the e-module media feasibility are: validation against material experts is 85% categorized as "Very Good" and validation against media experts is 85.5% categorized as "Very Good". At the small group trial stage the results obtained are 88.8% categorized as "Very Good". At the medium group trial stage the results obtained are 93.5% categorized as "Very Good". At the large group trial stage the results obtained are 94.3% with the category "Very Good". The results obtained through filling out the teacher feasibility questionnaire are 96% categorized as "Very Good". The results obtained through filling out the student feasibility questionnaire are 96.4% and can be categorized as "Very Good". Based on the overall percentage results, a positive response was obtained so that the e-module media for the process of making hand-drawn batik that was developed is very suitable for use in the learning process.

Keywords: Development, E-module, Hand-drawn Batik, 4D Model