

ABSTRAK

Milka Aprillina Lafau. NIM 5201143005 : Pengembangan E-Modul Pada Materi *Sustainable Fashion* di Kelas XI Tata Busana SMK Negeri 1 Beringin. Skripsi. Program Studi Pendidikan Tata Busana. Jurusan Pendidikan Kesejahteraan Keluarga. Fakultas Teknik. Universitas Negeri Medan 2024.

Penelitian ini dilatar belakangi dengan diketahui bahwa materi *sustainable fashion* merupakan materi baru sejak kurikulum merdeka dan adanya kebutuhan sumber belajar selain buku pelajaran yang tersedia di sekolah, serta membantu peserta didik belajar fleksibel. Tujuan penelitian ini untuk mengembangkan e-modul dan mengetahui kelayakan dari e-modul pada materi *sustainable fashion* di kelas XI Tata Busana SMK Negeri 1 Beringin.

Metode pengembangan e-modul dalam penelitian ini menggunakan metode *Research and Development* (R&D) dengan model pengembangan 4D yang terdiri dari tahap *Define, Design, Develop* dan *Disseminate*. Penelitian ini melalui tahap uji validasi dengan 2 validator ahli materi dan 2 validator ahli media, serta tahap uji coba pengembangan e-modul dengan subjek penelitian yang digunakan sebanyak 32 peserta didik kelas XI Tata Busana SMK Negeri 1 Beringin.

Hasil penelitian pengembangan e-modul pada materi *sustainable fashion* ini menunjukkan bahwa hasil rata-rata persentase analisis kebutuhan sebesar 85,63% peserta didik dan 100% guru membutuhkan pengembangan e-modul. Kemudian uji kelayakan e-modul pada tahap validasi ahli materi memperoleh rata-rata persentase sebesar 85,5% dengan kriteria tingkat kevalidan “**sangat baik**” dan tahap uji validasi ahli media memperoleh rata-rata persentase sebesar 85,8% dengan kriteria tingkat kevalidan “**sangat baik**”. Kemudian pada tahap uji coba pengembangan e-modul pada peserta didik dengan rata-rata persentase dari uji coba kelompok kecil sebesar 93,3%, uji coba kelompok sedang sebesar 93,5% dan uji coba kelompok besar sebesar 89,7%, serta tahap uji coba pengembangan kepada guru bidang studi desain dan produksi busana memperoleh rata-rata persentase 92,2%. Sehingga secara keseluruhan diperoleh respon positif terhadap e-modul yang dikembangkan dengan kesimpulan bahwa e-modul “**sangat baik**” untuk digunakan dalam proses belajar mengajar

Kata kunci : Pengembangan, E-Modul, *Sustainable Fashion*, Model 4D

ABSTRACT

Milka Aprillina Lafau. NIM 5201143005 : Development of E-Module on Sustainable Fashion Material in Class XI Fashion Design at SMK Negeri 1 Beringin. Thesis. Fashion Education Study Program. Department of Family Welfare Education. Faculty of Engineering. State University of Medan 2024.

This research is motivated by the fact that sustainable fashion material is a new material since the independence curriculum and the need for learning resources other than textbooks available at school, as well as helping students learn flexibly. The purpose of this study is to develop an e-module and determine the feasibility of the e-module on sustainable fashion material in class XI Fashion Design of SMK Negeri 1 Beringin.

The method for developing the e-module in this research uses the research and development (R&D) method with a 4D development model, which consists of the stages of Define, Design, Develop and Disseminate. This research went through the validation test stage with 2 material expert validators and 2 media expert validators, as well as a trial stage for the development of the e-module with a research subject consisting of 32 students from the XI Fashion Design class at SMK Negeri 1 Beringin.

The results of the e-module development research on sustainable fashion material show that the average percentage of student needs analysis results is 85.63% and teacher needs analysis results with an average percentage of 100%. Then the e-module feasibility test at the material expert validation stage obtained an average percentage of 85.5% with the validity level criteria of “**excellent**” and the media expert validation test stage obtained an average percentage of 85.8% with the validity level criteria of “**excellent**”. Then at the e-module development trial stage for students with an average percentage of small group trials of 93.3%, medium group trials of 93.5% and large group trials of 89.7%, and the development trial stage for teachers in the field of fashion design and production studies obtained an average percentage of 92.2%. So that overall a positive response to the developed e-module is obtained with the conclusion that the e-module is “very good” to be used in the teaching and learning process.

Keywords : Development, E-Module, Sustainable Fashion, 4D Model