

Nabilla Enno Dewanti. 2023. *Pengembangan Bahan Ajar Digital Praktik Lintas Bidang pada Mata Pelajaran Informatika Kurikulum Merdeka di SMKN 10 Surabaya*. Skripsi, Program Studi Pendidikan Informatika, Fakultas Ilmu Pendidikan, Universitas Trunojoyo. Pembimbing : Muhamad Afif Effindi, S.Kom., M.T.

ABSTRAK

Penelitian ini adalah penelitian dan pengembangan yang bertujuan untuk mengembangkan desain bahan ajar Praktik Lintas Bidang pada mata pelajaran Informatika Kurikulum Merdeka dan menguji kelayakan bahan ajar Praktik Lintas Bidang pada mata pelajaran Informatika Kurikulum Merdeka. Model pengembangan yang digunakan pada penelitian ini diadaptasi dari model pengembangan 4D (Four-D) dengan tahapan (1) *Define*, (2) *Design*, (3) *Develop*, dan (4) *Disseminate*. Data dikumpulkan melalui teknik wawancara dan angket. Subjek penelitian adalah 27 orang siswa RPL kelas X di SMK Negeri 10 Surabaya. Produk pengembangan Bahan Ajar Praktik Lintas Bidang pada Mata Pelajaran Informatika Kurikulum Merdeka telah divalidasi oleh ahli materi, validator modul ajar, dan ahli media. Uji coba dilakukan sebanyak dua kali, yaitu uji coba kelompok kecil yang melibatkan 6 orang siswa memperoleh persentase 81% dan uji coba kelompok besar yang melibatkan 21 orang siswa memperoleh persentase 86%. Data dianalisis menggunakan teknik analisis kualitatif dan analisis statistik deskriptif. Hasil validasi oleh ahli materi mendapatkan persentase 93,3%, validasi oleh validator modul ajar mendapatkan persentase 95,5%, dan validasi oleh ahli media memperoleh persentase 86,6%. Berdasarkan hasil persentase yang diperoleh dapat disimpulkan bahwa Bahan Ajar Praktik Lintas Bidang pada Mata Pelajaran Informatika Kurikulum Merdeka memperoleh kualifikasi tinggi sehingga bahan ajar ini sangat layak untuk digunakan.

Kata kunci : Model Pengembangan 4D, Bahan Ajar, Praktik Lintas Bidang

Nabilla Enno Dewanti. 2023. *Development of Digital Teaching Materials for Interdisciplinary Practices in the Subject of Informatics of the Independent Curriculum at SMKN 10 Surabaya*. Thesis, Informatics Education Study Program, Faculty of Education, Trunojoyo University. Advisor : Muhamad Afif Effindi, S.Kom., M.T.

ABSTRACT

This research is research and development which aims to develop teaching material designs for Cross-disciplinary Practices in the subject of Independent Curriculum Informatics and to test the feasibility of teaching materials for Cross-disciplinary Practices in the subject of Independent Curriculum Informatics. The development model used in this study was adapted from the 4D (Four-D) development model with the stages of (1) Define, (2) Design, (3) Develop, and (4) Disseminate. Data was collected through interview and questionnaire techniques. The research subjects were 27 RPL class X students at SMK Negeri 10 Surabaya. The product of the development of Cross-Sector Practice Teaching Materials in the Independent Curriculum Informatics Subject has been validated by material experts, teaching module validators, and media experts. The trials were carried out twice, namely small group trials involving 6 students obtaining a percentage of 81% and large group trials involving 21 students obtaining a percentage of 86%. Data were analyzed using qualitative analysis techniques and descriptive statistical analysis. The results of validation by material experts get a percentage of 93.3%, validation by teaching module validators gets a presentation of 95.5%, and validation by media experts gets a percentage of 86.6%. Based on the percentage results obtained, it can be concluded that Teaching Materials for Interdisciplinary Practices in the Independent Curriculum Informatics Subject obtained high qualifications so that these teaching materials were very feasible to use.

Keywords: *4D Development Model, Teaching Materials, Interdisciplinary Practice*