

ABSTRAK

Penelitian ini dilatarbelakangi kurangnya ketersediaan modul/bahan ajar bagi siswa. Penelitian pengembangan ini bertujuan untuk menghasilkan modul elektronik pada mata pelajaran dasar pengendalian mutu hasil pertanian dan perikanan sebagai bahan ajar untuk siswa SMK kelas X TPHP. Metode penelitian yang digunakan adalah metode kuantitatif dengan pendekatan *Research and development* (R&D) meliputi identifikasi potensi dan masalah, pengumpulan data, desain produk, validasi desain, revisi desain, uji coba produk skala terbatas, revisi produk, uji coba pemakaian skala luas dan produk final. E-modul yang dihasilkan dinyatakan layak berdasarkan validasi oleh ahli materi dan media serta dinyatakan sangat layak oleh ahli bahasa. Hasil uji coba skala terbatas dan luas menunjukkan interpretasi sangat baik berdasarkan respon tanggapan siswa. Hasil penelitian menunjukkan bahwa modul elektronik pada mata pelajaran dasar pengendalian mutu hasil pertanian dan perikanan sudah memenuhi syarat dan layak digunakan sebagai bahan ajar siswa kelas X TPHP SMKN 1 CIDAUN.

Kata kunci: *Modul elektronik, Research and Development.*

ABSTRACT

This research is motivated lack of availability of modules / learning materials for students. Research development aims to produce electronic modules on basic subjects of quality control of agricultural products and fisheries as teaching materials for vocational students of class X TPHP. The method used is quantitative method with the approach of Research and development (R & D) include the identification of potential and problems, data collection, product design, design validation, design revisions, product trials limited scale, product revision, utility testing a wide scale and the final product. E-module generated declared eligible based validation by experts and media material and otherwise very decent by linguists. The trial results showed wide scale is limited and very good interpretation based on responses to student responses. The results showed that the electronic modules in the basic subjects of quality control of agricultural products and fisheries are already qualified and fit for use as teaching material TPHP class X SMK 1 Cidaun.

Keywords: *Electronic modules, Research and Development.*