ABSTRAK

Melani Dwi Saputri. 2022. Pengembangan Modul Elektronik Berbasis Pendekatan *Contextual Teaching And Learning* (CTL) Pada Materi Ikatan Kimia. Skripsi, Program Studi Pendidikan Kimia, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji Tanjungpinang. Pembimbing Skripsi : Friska Septiani Silitonga, S.Pd., M.Sc dan Hilfi Pardi, S.Si., M.Si

Kata Kunci : *Contextual Teaching And Learning* (CTL), Ikatan Kimia, Modul Elektronik

Permasalahan yang dihadapi selama proses Pembelajaran Jarak Jauh (PJJ) di kelas X IPA SMA Negeri 5 Tanjungpinang adalah bahan ajar yang kurang menarik, peserta didik kurang aktif, sulit memahami materi pembelajaran, dan hasil belajar yang kurang maksimal pada materi ikatan kimia. Pengembangan bahan ajar berupa modul elektronik berbasis *Contextual Teaching And Learning* (CTL) pada materi ikatan kimia merupakan salah satu upaya yang dapat dilakukan guna meningkatkan minat belajar dan pemahaman peserta didik. Penelitian ini bertujuan untuk mengetahui bagaimana proses pengembangan produk, bagaimana tingkat validitas produk, dan bagaimana tingkat praktikalitas produk. Jenis penelitian ini adalah *Research and Development* (R&D) dengan model Penelitian ADDIE sampai dengan tahap evaluasi formatif guna menyempurnakan produk. Sumber data pada penelitian ini berasal dari 2 orang dosen, seorang guru, dan 22 peserta didik SMA Negeri 5 Tanjungpinang. Hasil validasi ahli materi memperoleh persentase 87,5% dengan kategori sangat valid dan hasil validasi ahli media memperoleh persentase 75% dengan kategori valid. Hasil praktikalitas guru memperoleh persentase 87,5% dengan kategori sangat praktis dan hasil praktikalitas peserta didik memperoleh persentase 90% dengan kategori sangat praktis.Berdasarkan hasil penelitian dapat disimpulkan bahwa modul elektronik berbasis pendekatan *Contextual Teaching And Learning* (CTL) pada materi ikatan kimia valid dan praktis digunakan dalam pembelajaran.

ABSTRACT

Melani Dwi Saputri. 2022. Development Electronic Modules Based Contextual Teaching And Learning (CTL) in Chemical Bonding Materials. Thesis, Chemistry Education Study Program, Faculty of Teacher Training and Education, Raja Ali Haji Tanjungpinang Maritime University. Thesis advisor: Friska Septiani Silitonga, S.Pd., M.Sc dan Hilfi Pardi, S.Si., M.Si

Kata Kunci : Contextual Teaching And Learning (CTL), Chemical Bonding, Electronic Module

The problem faced during Long Distence Learning (LDL) process in class X IPA SMA Negeri 5 Tanjungpinang were less interesting teaching materials, that students less active, difficulty understanded learning material, and learning outcomes less than maximal in chemical bonding material. Development of teaching materials electronic modules based Contextual Teaching And Learning (CTL) in chemical bonding materials are one of the efforts to increase students interest to learn and student understanding. This study aims to determine how the product development process, how the level of product validity, and how the level of product practicality. This type of development was research and development (R&D) with the ADDIE Research model up to the formative evaluation to perfect the product. Sources of data from this study came from 2 lecturer, a teacher, and 22 student of SMA Negeri 5 Tanjungpinang. The results of validation material expert is 87,5% with very valid category and results of validation media expert is 75% with valid category. The results of practicality teacher is 87,5% with very practical category and results of practicality students is 90% with very practical category. Based on the results research could be concluded that the electronic modules based Contextual Teaching And Learning (CTL) in chemical bonding materials is valid and practical to use in learning.