ABSTRACT

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This research was conducted to produce a Qur'an-Based Discovery Learning Module on Atomic Structure Material. The research model used is the R&D (Research and Development) model and the use of the Borg & Gall development method which is carried out through several stages, namely, the needs analysis and planning stage, the development stage, the validation stage, the initial field test stage, the initial product revision stage, the test stage. main product, product revision stage. Based on the validation from media experts that the discovery learning-based module on atomic structure material obtained a percentage of 89.58% with a very valid category. The results of the validation of the material expert obtained a percentage of 90% with a very valid category, while the validation results of the expert on the interpretation of the Qur'an received a prize of 85%. The results of student responses to discovery learning-based modules on atomic structure material on a small-scale test are 89.44% in the very interesting category and for trying the initial product, only 92% is obtained with a very interesting category.

Keywords: Module, Discovery Learning, Qur'an, Atomic Structure.

ABSTRAK

DEVINA ALVANIA: *Pengembangan Modul Discovery Learning Berbasis Al-Qur'an pada Materi Struktur Atom di MAN 2 Palembang.* **Skripsi. Palembang: Fakultas Ilmu Tarbiyah dan Keguruan, UIN Raden Fatah Palembang, 2022.**

Penelitian ini dilakukan untuk menghasilkan Modul *Discovery Learning* Berbasis Al-Qur'an Pada Materi Struktur Atom. Model penelitian yang digunakan adalah model R&D (*Research and Development*) dan menggunakan metode pengembangan Borg & Gall yang dilakukan melalui beberapa tahapan yaitu, tahap analisis kebutuhan dan perencanaan, tahap pengembangan, tahap validasi, tahap uji lapangan awal, tahap revisi produk awal, tahap uji produk utama, tahap revisi produk. Berdasarkan hasil validasi dari ahli Media bahwa Modul berbasis *discovery learning* pada materi struktur atom memperoleh persentase 89,58% dengan kategori sangat valid. Hasil validasi ahli materi memperoleh persentase 90% dengan kategori sangat valid, sedangkan hasil validasi ahli tafsir Al-Qur'an memperoleh presentase 85%. Hasil respon peserta didik terhadap Modul berbasis *discovery learning* pada materi struktur atom pada uji skala kecil diperoleh persentase 89,44% dengan kategori sangat menarik dan untuk uji coba produk awal sendiri diperoleh persentase 92% dengan kategori sangat menarik.

Kata kunci: Modul, *Discovery Learning,* Al-Qur'an, Struktur atom.