

ABSTRAK

Putri Amanda, NIM (4201141022) 2020, Analisis Implementasi Kurikulum Merdeka Belajar dan Kemampuan Kognitif Peserta Didik pada Materi Bioteknologi Kelas X SMAIS An-Nizam Medan.

Penelitian ini bertujuan untuk mengetahui Implementasian Kurikulum Merdeka Belajar dan Kemampuan Kognitif Peserta Didik pada Materi Bioteknologi. Penelitian ini merupakan penelitian deskriptif dengan pendekatan kuantitatif. Populasi dalam penelitian ini adalah seluruh Peserta Didik kelas X SMAIS AN-Nizam Medan dengan teknik pengambilan sampel yaitu *purposive sampling* yang berjumlah 49 Peserta Didik. Teknik pengumpulan data dilakukan dengan angket Implementasi Kurikulum Merdeka dan soal tes pilihan berganda bertaraf kognitif. Hasil analisis data yang diperoleh pada Implementasi Kurikulum Merdeka Belajar sebesar 77%. Dengan persentase tiap indikator dijabarkan sebagai berikut: indikator Perencanaan 79%, indikator Pelaksanaan 76%, indikator Evaluasi persentasenya 75% dan indikator Proyek Profil Penguatan Pelajar Pancasila (P5) 78%. Sementara untuk tes soal Kemampuan Kognitif diperoleh hasil sebesar 68%. Dengan persentase tiap indikator dijabarkan sebagai berikut: indikator Mengingat (C1) 78%, indikator Memahami (C2) 73%; indikator Menerapkan (C3) 70%, indikator Menganalisis (C4) 62%, indikator Mengevaluasi (C5) 55%, indikator Mencipta (C6) sebesar 59%. Sehingga dapat disimpulkan Implementasi Kurikulum Merdeka Belajar di kelas dan Kemampuan Kognitif Peserta Didik pada Materi Bioteknologi Kelas X SMAIS An-Nizam Medan berkategori baik.

Kata kunci: Implementasi Kurikulum Merdeka Belajar, Kemampuan Kognitif, Bioteknologi

ABSTRACT

Putri Amanda, NIM (4201141022) 2020, Analysis of the Implementation of the Independent Learning Curriculum and the Cognitive Ability of Students on Biotechnology Material Class X SMAIS An-Nizam Medan.

This study aims to determine the Implementation Of The Independent Learning Curriculum and The Cognitive Abilities of Students on Biotechnology Material. This research is descriptive research with a quantitative approach. This study investigates the implementation of the Merdeka Curriculum and cognitive abilities of tenth-grade students at SMAIS An-Nizam Medan, with a purposive sample of 49 participants. This study employed a survey on the implementation of the Merdeka Curriculum along with cognitive-level multiple-choice tests to assess students' cognitive abilities. The analysis revealed an overall implementation score of 77% for the Merdeka Curriculum, with individual indicator percentages as follows: Planning (79%), Implementation (76%), Evaluation (75%), and the Pancasila Student Profile Project (P5) (78%). In terms of cognitive ability, the results indicated an average score of 68%, detailed by the following indicators: Remembering (C1) at 78%, Understanding (C2) at 73%, Applying (C3) at 70%, Analyzing (C4) at 62%, Evaluating (C5) at 55%, and Creating (C6) at 59%. The findings conclude that the implementation of the Merdeka Curriculum in the classroom, along with student cognitive abilities in Biotechnology material for tenth-grade students at SMAIS An-Nizam Medan, is categorized as good.

Keywords: *Implementation of the independent learning curriculum, Cognitive Ability, Biotechnology*