

ABSTRAK

Ramadhani Syahfitri, 4183321007 (2022). Pengaruh Model *Discovery Learning* Berbantuan Edmodo terhadap Hasil Belajar Peserta Didik kelas XI pada Materi Keseimbangan dan Dinamika Rotasi di MAN 3 MEDAN.

Penelitian bertujuan untuk mengetahui Pengaruh Model *Discovery Learning* Berbantuan Edmodo terhadap Hasil Belajar Peserta Didik kelas XI pada Materi Keseimbangan dan Dinamika Rotasi di MAN 3 MEDAN. Jenis penelitian *quasi exsperiment* dengan desain *two group pretest-posttest*. Pengambilan sampel dilakukan dengan teknik *cluster random sampling* dengan mengambil dua kelas dari enam kelas yang masing-masing berjumlah 34 siswa yaitu XI MIPA 1 sebagai kelas kontrol dan XI MIPA 2 sebagai kelas Eksperimen. Instrumen penelitian yang digunakan terdiri dari instrumen tes soal objektif berupa pilihan berganda dengan jumlah 15 soal untuk menilai hasil belajar siswa. Hasil penelitian menunjukkan bahwa nilai Rata-rata *pretest* kelas eskperimen diperoleh 54,11 dan nilai rata-rata *pretest* kelas kontrol diperoleh 53,13. Nilai rata-rata *posttest* kelas eksperimen diperoleh 79,21 dan nilai rata-rata *posttest* kelas kontrol diperoleh 74,70. Berdasarkan hasil penelitian dapat disimpulkan bahwa terdapat pengaruh model *discovery learning* berbantuan edmodo terdapat hasil belajar fisika.

Kata kunci : *discovery learning*, edmodo, hasil belajar.



ABSTRACT

Ramadhani Syahfitri, 4183321007 (2022). *The Effect of Edmodo-Assisted Discovery Learning Model on the Learning Outcomes of Class XI Students on the Materials of Balance and Rotational Dynamics at MAN 3 MEDAN.*

This study aims to determine the effect of the Edmodo-Assisted Discovery Learning Model on the Learning Outcomes of Class XI Students on the Materials of Balance and Rotational Dynamics at MAN 3 MEDAN. This type of research is quasi-experimental with a two group pretest-posttest design. Sampling was done by using cluster random sampling technique by taking two classes from six classes with 34 students each, namely XI MIPA 1 as the control class and XI MIPA 2 as the Experiment class. The research instrument used consisted of an objective test instrument in the form of multiple choice with a total of 15 questions to assess student learning outcomes. The results showed that the average pretest value of the experimental class was 54.11 and the average value of the control class was 53.13. The average posttest score for the experimental class was 79.21 and the average posttest score for the control class was 74.70. Based on the results of the study, it can be concluded that there is an influence of the Edmodo-assisted discovery learning model on physics learning outcomes.

Key words: *discovery learning, edmodo, learning outcomes.*

