ABSTRAK

Malik, NIM 4172121027 (2017). Pengembangan Desain Pembelajaran *Blended Learning* Berbantuan *Google Classroom* dan *Zoom Cloud Meetings* Pada Materi Gerak Lurus Siswa Kelas X MAN 3 Medan.

Penelitian ini bertujuan untuk mengetahui desain pembelajaran *Blended Learning* berbantuan *Google Classroom* dan *Zoom Cloud Meetings* yang dikembangkan valid, efektif dan praktis. Jenis penelitian ini adalah penelitian pengembangan yang lebih dikenal dengan istilah *Research and Development* (R&D) dengan model ADDIE *(Analysis, Design, Development, Implementation and Evaluation)*. Populasi dalam penelitian ini adalah seluruh siswa kelas X MAN 3 Medan sebanyak 5 kelas. Rata rata jumlah siswa setiap kelas 30 orang. Sampel yang dipilih sebanyak 1 kelas yang dipilih dengan teknik *random sampling*. Data penelitian diperoleh dari kevalidan, keefektifan dan kepraktisan dari desain pembelajaran yang dikembangkan. Dari hasil penelitian diperoleh nilai kevalidan 97%, 97,5% dan 98% dengan kategori sangat valid, kemudian nilai keefektifan untuk lembar aktivitas siswa 85,16% kategori sangat tinggi dan nilai tes hasil belajar dari rumus N-gain yakni 0,67 pada kategori sedang dan untuk kategori efektivitas tes hasil belajar dari rumus N-gain diperoleh nilai 67 dengan kategori cukup efektif, untuk perolehan nilai praktis pada lembar respon siswa diperoleh nilai 90,67% dengan kategori sangat praktis. Sehingga diperoleh kesimpulan bahwa pengembangan desain pembelajaran *Blended Learning* berbantuan *Google Classroom* dan *Zoom Cloud Meetings* pada materi gerak lurus di MAN 3 Medan telah dikatakan valid, efektif dan praktis.

Kata kunci: *Blended learning, google classroom, zoom cloud meetings,* gerak lurus.

ABSTRACT

Malik, NIM 4172121027 (2017). *The Development of Blended Learning Assisted by Google Classroom and Zoom Cloud Meetings on Straight Motion Material at MAN 3 Medan.*

This study aims to determine the learning design of Blended Learning assisted by Google Classroom and Zoom Cloud Meetings that was developed is valid, effective and practical. This type of research is development research which is better known as Research and Development (R&D) with the ADDIE (Analysis, Design, Development, Implementation and Evaluation). The population in this study were all 5 classes of class X MAN 3 Medan. The average number of students per class is 30 people. The subject selected was 1 class which was selected by using cluster random sampling technique. The research data was obtained from the validity, effectiveness and practicality of the developed learning design. From the results of the study obtained 97%, 97.5% and 98% validity values with very valid categories, then the effectiveness value for student activity sheets was 85.16% very high category and the learning outcomes test scores from the N-gain formula were 0.67 at the medium category and for the category of effectiveness of the learning outcomes test from the N-gain formula, a score of 67 was obtained with a moderately effective category, for the acquisition of practical scores on the student response sheet, a score of 90.67% was obtained in the very practical category. So it can be concluded that the development of Blended Learning assisted by Google Classroom and Zoom Cloud Meetings on straight motion material at MAN 3 Medan has been said to be valid, effective and practical.

Keywords: Blended learning, google classroom, zoom cloud meetings, straight motion