

**“Pengembangan Konten *E-learning* Berbasis *Edmodo* Pada Materi Gerak Lurus Untuk Meningkatkan Minat Belajar Siswa di SMA Muhammadiyah 2 Yogyakarta”**

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**ABSTRAK**

Penelitian yang berjudul “Pengembangan Konten *E-learning* Berbasis *Edmodo* Pada Materi Gerak Lurus Untuk Meningkatkan Minat Belajar Siswa Di SMA Muhammadiyah 2 Yogyakarta” memiliki tujuan untuk mengetahui kelayakan konten *e-learning* berbasis *edmodo* yang dikembangkan sebagai bahan ajar materi gerak lurus di SMA Muhammadiyah 2 Yogyakarta dan untuk meningkatkan minat belajar siswa di SMA Muhammadiyah 2 Yogyakarta pada pelajaran fisika khususnya pada materi Gerak Lurus.

Rancangan penelitian menggunakan pendekatan penelitian dan pengembangan (*Research and Development*) *4D models*. Penelitian dilaksanakan terhadap siswa kelas X di SMA Muhammadiyah 2 Yogyakarta dengan mengambil sampel sebanyak 20 siswa di kelas X MIA 3. Teknik yang digunakan dalam pengambilan sampel yaitu teknik *purposive sampling* karena pengambilan sampel dilakukan dengan pertimbangan-pertimbangan khusus terhadap sampel yang akan dipilih. Data yang diambil adalah data angket tanggapan ahli, tanggapan guru, tanggapan siswa, serta angket peningkatan minat belajar yang terdiri dari 2 angket yaitu angket sebelum menggunakan produk *e-learning* berbasis *edmodo* dan angket setelah menggunakan produk *e-learning* berbasis *edmodo*. Data tanggapan guru dan siswa dianalisis menggunakan teknik *deskriptif persentase* sedangkan data peningkatan minat belajar siswa dianalisis menggunakan rumus *normalized gain*.

Hasil penelitian menunjukkan bahwa konten *e-learning* berbasis *edmodo* pada materi gerak lurus dinyatakan “layak” oleh ahli media maupun ahli materi sesuai dengan indikator kelayakan. Pada uji coba produk, konten *e-learning* berbasis *edmodo* mendapat respon sangat baik dari guru dan siswa. Selain itu, hasil penelitian juga menunjukkan bahwa penggunaan konten *e-learning* berbasis *edmodo* dapat meningkatkan minat belajar siswa dengan *normalized gain* sebesar 0,31 atau dalam kategori sedang.

**Kata kunci :** *Edmodo, purposive sampling, minat belajar*

**“Development of E-Learning Content Based on Edmodo in Linear Motion to Improve Interest in Learning of Students at SMA Muhammadiyah 2 Yogyakarta”**

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**ABSTRACT**

The study, entitled "Development of E-learning Content Based Edmodo in Linear Motion to Improve Interest in Learning Students at SMA Muhammadiyah 2 Yogyakarta" has the purpose to determine the feasibility of e-learning content based Edmodo developed as teaching materials linear motion of matter at SMA Muhammadiyah 2 Yogyakarta and to improve student interest at SMA Muhammadiyah 2 Yogyakarta in the subject matter physics, especially in Linear Motion.

The design study of research and development approach (*Research and Development*). The experiment was conducted on students of class X at SMA Muhammadiyah 2 Yogyakarta by taking sample of 20 students in the class X MIA 3. Techniques used in sampling is purposive sampling because sampling is done with special considerations to the sample to be chosen. The data is taken from questionnaire data expert feedback, teacher feedback, student responses, as well as improving learning questionnaire consisting of two questionnaires that questionnaire before using e-learning products based Edmodo and questionnaire after using e-learning products based Edmodo. Teacher and student response data were analyzing by using descriptive presentatif technique while the data of improving student interest were analyzed by using normalized gain formula.

The results showed that the content of e-learning based on material Edmodo rectilinear motion can be expressed to be "worthy" by the media and materials experts in accordance with eligibility indicator. In product trials, e-learning content based Edmodo got very good response from teachers and students. In addition, the results also indicate that the use of e-learning content based Edmodo can increase student interest with normalized gain as big as 0,31 in medium category..

**Key words :** *Edmodo, purposive sampling, student interest*