

## ABSTRAK

**Agus Ariawan, Pt** ( 2023), *Pengaruh Project Based E-Learning Terhadap Minat Dan Hasil Belajar Siswa Kelas IX SMP*. Tesis, Teknologi Pembelajaran, Program Pascasarjana, Universitas Pendidikan Ganesha.

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Kata Kunci : model *project based e-learning*, minat belajar dan hasil belajar.

Tujuan penelitian ini adalah 1) Menganalisis perbedaan minat dan hasil belajar Informatika antara peserta didik yang belajar dengan model pembelajaran Project Based E-Learning dibandingkan dengan peserta didik yang belajar menggunakan model pembelajaran direct e-learning, 2) Menganalisis perbedaan minat belajar Informatika antara peserta didik yang belajar dengan model pembelajaran Project Based E-Learning dibandingkan dengan peserta didik yang belajar menggunakan model pembelajaran direct e-learning 3) Menganalisis perbedaan hasil belajar Informatika antara peserta didik yang belajar dengan model pembelajaran *Project Based E-Learning* dibandingkan dengan peserta didik yang belajar menggunakan model pembelajaran direct e-learning. Penelitian ini adalah penelitian eksperimen semu (*quasi experimental*) dengan rancangan *posttest only non-equivalent control group design*. Populasi penelitian ini adalah 10 kelas IX SMP Negeri 2 Negara tahun pelajaran 2022/2023. Dua kelas dipilih sebagai sampel dengan teknik group random sampling dan dibagi menjadi dua kelompok, yaitu kelompok eksperimen dan kelompok kontrol. Data minat belajar dikumpulkan dengan angket dan data hasil belajar dikumpulkan dengan tes pilihan ganda. Data dianalisis secara deskriptif dan *Multivariate Analysis of Variance /Manova* dengan taraf signifikansi 5%. Hasil penelitian menunjukkan bahwa, 1) Terdapat perbedaan minat dan hasil belajar antara peserta didik yang belajar dengan model project based e-learning dan peserta didik yang belajar dengan model direct e-learning, dengan hasil yang lebih baik pada peserta didik yang belajar dengan model *project based e-learning*. Hal ini ditunjukkan dengan nilai F antar model pembelajaran terhadap minat belajar dan hasil belajar siswa diperoleh  $F_{hitung} = 7,602$ . Nilai  $F_{tabel}$  pada taraf signifikansi 0,05 sebesar 4,140. Ternyata  $F_{hitung} >$  dari  $F_{tabel}$ . 2) Terdapat perbedaan hasil belajar antara siswa yang mengikuti model project based e-learning dengan nilai ( $M = 82,97$ ) dan siswa yang mengikuti model direct e-learning dengan nilai ( $M = 76,72$ ). Implikasi dari temuan penelitian ini guru dalam meningkatkan hasil belajar siswa dapat menerapkan model project based e-learning. 3) Terdapat respon minat yang lebih baik dari siswa yang belajar dengan model *project based e-learning*, ditunjukkan dari skor angket lebih baik pada peserta didik yang belajar dengan model *project based e-learning*.

## ABSTRACT

**Agus Ariawan, Pt** ( 2023), *Improving Student Interests and Learning Outcomes Using Project Based E-Learning Models*. Tesis, Educational Technology, Postgraduate Program, Ganesha University of Education.

This thesis has been approved and examined by Supervisor I: : Dr. I Made Tegeh, S.Pd., M.Pd and Supervisor II: Dr. I Kadek Suartama, S.Pd., M.Pd.

Keywords : Project Based e-Learning, Learning Outcomes, Interest in Learning, Manova.

The aims of this study were 1) to analyze the differences in interest and learning outcomes in Informatics between students who studied with the Project Based E-Learning learning model compared to students who studied using the direct e-learning learning model, 2) to analyze the differences in interest in learning Informatics between students who study with the Project Based E-Learning learning model compared to students who learn using the direct e-learning learning model 3) Analyze differences in Informatics learning outcomes between students who study with the Project Based E-Learning learning model compared to students who learn using direct e-learning learning model. This research is a quasi-experimental study with a posttest-only non-equivalent control group design. The population of this study was 10 class IX of SMP Negeri 2 Negara for the 2022/2023 academic year. Two classes were selected as samples by group random sampling technique and divided into two groups, namely the experimental group and the control group. Data on learning interest was collected using a questionnaire and data on learning outcomes was collected using multiple-choice tests. Data were analyzed descriptively and Multivariate Analysis of Variance / Manova with a significance level of 5%. The results showed that 1) There were differences in interest and learning outcomes between students who studied with the project-based e-learning model and students who studied with the direct e-learning model, with better results for students who studied with the project model-based e-learning. This is indicated by the F value between learning models on learning interest and student learning outcomes obtained  $F_{count} = 7.602$ . The  $F_{table}$  value at a significance level of 0.05 is 4.140. It turns out that  $F_{count} >$  from  $F_{table}$ . 2) There is a difference in learning outcomes between students who take the project-based e-learning model with grades ( $M = 82.97$ ) and students who follow the direct e-learning model with grades ( $M = 76.72$ ). The findings of this research imply that teachers in improving student learning outcomes can apply the project-based e-learning model. 3) There is a better interest response from students who study with the project-based e-learning model, as shown by the better questionnaire scores for students who study with the project-based e-learning model.