

# **PENGARUH MODEL *PROBLEM BASED E-LEARNING* TERHADAP MOTIVASI BERPRESTASI DAN HASIL BELAJAR INFORMATIKA PADA SISWA SMP**

Oleh

**Ni Made Sthiti Nur Hita, NIM 1929071005**  
**Jurusan Teknologi Pembelajaran**

## **ABSTRAK**

Motivasi berprestasi dan hasil belajar merupakan salah satu kompetensi yang harus dicapai oleh siswa dalam setiap mata pelajaran. Tujuan dari penelitian ini adalah untuk mendeskripsikan perbedaan pengaruh model *problem based e-learning* terhadap motivasi berprestasi dan hasil belajar siswa, mendeskripsikan pengaruh model *problem based e-learning* terhadap motivasi berprestasi, dan mendeskripsikan pengaruh model *problem based e-learning* terhadap hasil belajar siswa. Penelitian ini menggunakan metode eksperimen semu. Desain penelitian yang digunakan adalah *pretest-posttest control group design*. Variabel bebas dalam penelitian ini adalah model pembelajaran yang dibagi menjadi 2 (dua), yaitu model *problem based e-learning* dan model *ekspositori e-learning*. Variabel terikat dalam penelitian ini adalah motivasi berprestasi dan hasil belajar siswa. Populasi dalam penelitian ini yaitu seluruh siswa kelas VIII semester ganjil 2021/2022 di SMP Negeri 1 Abiansemal. Sampel dalam penelitian ini adalah 76 orang yang diambil dengan metode random assignment. Data penelitian ini data motivasi berprestasi yang dikumpulkan dengan kuesioner dan data hasil belajar dikumpulkan dengan tes hasil belajar. Penelitian ini menggunakan dua instrumen, yaitu kuesioner motivasi berprestasi dan tes hasil belajar. Analisis data yang digunakan adalah *Multivariate Analysis of Covariate* (Mancova) dengan pengujian hipotesis menggunakan taraf signifikansi 0,05. Hasil uji Mancova mendapatkan nilai signifikansi 0,000, hal ini menunjukkan nilai sig. lebih kecil dari 0,05. Hasil tersebut berarti terdapat perbedaan motivasi berprestasi dan hasil belajar antara siswa yang belajar dengan model *problem based e-learning* dan *ekspositori e-learning*. Karena ada perbedaan yang signifikan antara model pembelajaran dengan motivasi berprestasi dan hasil belajar, berarti ada pengaruh model *problem based e-learning* terhadap motivasi berprestasi dan hasil belajar.

*Kata kunci* : model *problem based e-learning*; model *ekspositori e-learning*; motivasi berprestasi; hasil belajar

# ***THE EFFECT OF PROBLEM BASED E-LEARNING MODEL ON ACHIEVEMENT MOTIVATION AND INFORMATION LEARNING OUTCOMES IN SMP STUDENTS***

***By***

**Ni Made Sthiti Nur Hita, NIM 1929071005  
Instructional Technology Department**

## ***ABSTRACT***

*Achievement motivation and learning outcomes are one of the competencies that must be achieved by students in each subject. The purpose of this study is to describe the different effects of problem-based e-learning models on achievement motivation and student learning outcomes, describe the effects of problem-based e-learning models on achievement motivation, and describe the effect of problem-based e-learning models on student learning outcomes. This study used a quasiexperimental method. The research design used was a pretest-posttest control group design. The independent variable in this research is the learning model which is divided into 2 (two), namely the problem based e-learning model and the expository e-learning model. The dependent variable in this study is achievement motivation and student learning outcomes. The population in this study were all grade VIII students in the odd semester of 2021/2022 at SMP Negeri 1 Abiansemal. The sample in this study was 76 people who were taken by random assignment method. The data in this study were achievement motivation data collected by questionnaires and learning outcomes data were collected by learning outcomes tests. This study uses two instruments, namely the achievement motivation questionnaire and learning outcomes tests. Analysis of the data used is Multivariate Analysis of Covariate (Mancova) with hypothesis testing using a significance level of 0.05. The results of the Mancova test get a significance value of 0.000, this indicates a sig value. smaller than 0.05. These results mean that there are differences in achievement motivation and learning outcomes between students who study with problem based e-learning and expository e-learning models. Because there is a significant difference between the learning model with achievement motivation and learning outcomes, it means that there is an effect of the problem based e-learning model on achievement motivation and learning outcomes.*

*Keywords: problem based e-learning model; e-learning expository model; achievement motivation; learning outcomes*