

## **ABSTRAK**

Ningrum, Putri 2021, *Perbedaan Model Discovery Learning dengan Problem Based Learning Berbantuan Google Classroom Terhadap Hasil Belajar Matematika Ditinjau dari Kecerdasan Emosional*. Skripsi. Progam Studi Pendidikan Matematika. Fakultas Sains dan Teknologi. Universitas PGRI Adi Buana Surabaya. Pembimbing, Dr. H. Sunyoto Hadi Prayitno, ST., M.Pd.

Kata Kunci : *Discovery Learning, Problem Based Learning, Google Classroom, Hasil Belajar, Kecerdasan Emosional*

Penelitian ini bertujuan untuk mengetahui ada tidaknya perbedaan hasil belajar matematika siswa antara model pembelajaran *discovery learning* dengan model pembelajaran *problem based learning* berbantuan google classroom ditinjau dari kecerdasan emosional pada materi Logaritma di kelas X SMA Negeri 1 Menganti.

Populasi ini berasal dari siswa kelas X dan sampel penilitian ini terdiri dari kelas X IPA 7 sebagai kelas model pembelajaran *discovery learning* dan kelas X IPA 6 sebagai kelas model pembelajaran *problem based learning*. Peneliti menggunakan penelitian kuantitatif. Dalam penelitian ini peneliti mengumpulkan data menggunakan kuesioner dan tes hasil belajar siswa.

Dari hasil analisis data diperoleh sig.(2-tailed) 0,004 pada hasil tes belajar dengan kategori kecerdasan emosional tinggi. Sedangkan tes hasil belajar dengan kategori kecerdasan emosional sedang diperoleh nilai sig (2-tailed) 0,762 dan kecerdasan emosional rendah diperoleh nilai sig.(2-tailed) 0,025. Hasil penelitian ini menunjukkan bahwa tidak ada perbedaan hasil belajar yang diajarkan dengan menggunakan model *discovery learning* dan model PBL ditinjau dari kecerdasan emosional sedang dan ada perbedaan hasil belajar yang diajarkan dengan menggunakan model *discovery learning* dan model PBL ditinjau dari kecerdasan emosional tinggi dan rendah pada siswa kelas X SMA Negeri 1 Menganti tahun ajaran 2020/2021.

## **ABSTRACT**

Ningrum, Putri 2021, Differences between Discovery Learning with Problem Based Learning models by Google Classroom on Mathematics Learning Outcomes in terms of students' emotional intelligence. Thesis. Mathematics, Education, Study Program. Faculty of Science and Teknologi. PGRI Adi Buana University Surabaya. Supervisor, Dr. H. Sunyoto Hadi Prayitno, ST., M.Pd.

**Keywords:** Discovery Learning, Problem Based Learning, Google Classroom, Learning Outcomes, Emotional Intelligence.

This study aims to determine whether there is a difference in student mathematics learning outcomes between *discovery learning* and *problem-based learning* models used by google classroom in terms of emotional intelligence on Logarithmic materials in the tenth grade of Senior High School .

The population of this research was the ten grade of Senior High School from SMAN 1 Menganti and the sample of this study consisted of class X IPA 7 as the *discovery learning* model class and class X IPA 6 as the *problem based learning* model class. The study was conducted a quantitative research. In quantitative approach the researcher collected data by used questionnaire and test student learning outcomes.

From the results of data analysis obtained sig. (2-tailed) 0.004 on the results of the learning test with the category of high emotional intelligence. While the test of learning outcomes in the category of moderate emotional intelligence obtained a sig value (2-tailed) of 0.762 and low emotional intelligence obtained a sig value (2-tailed) of 0.025. The results of this study indicate that there is no difference in learning outcomes taught using *discovery learning* models and PBL models in terms of moderate emotional intelligence and there are differences in learning outcomes taught using *discovery learning* models and PBL models in terms of high and low emotional intelligence in the tenth grade of Senior High School from SMAN 1 Menganti in academic year 2020/2021.