

## ABSTRAK

**Rahmayani Alfiyani, NIM 4201151018 (2024), Perbandingan Model *Problem Based Learning* dan *Cooperative Learning* pada Materi Sistem Ekskresi Manusia terhadap Hasil Belajar Siswa Kelas VIII SMP Pondok Pesantren Tahfidz Al-Faiz.**

Penelitian ini bertujuan untuk mengetahui Perbandingan Model *Problem Based Learning* dan *Cooperative Learning* Pada Materi Sistem Ekskresi Manusia. Populasi dalam penelitian yaitu seluruh siswa kelas VIII Pondok pesantren Tahfidz Al –Fa iz yang terdiri dari dua kelas. Sampel dalam penelitian ini yaitu sebanyak dua kelas yang dikategorikan kelas eksperimen I dan eksperimen II. Jenis penelitian yang digunakan adalah *Quasi Eksperimental Design*. Desain penelitian yang digunakan adalah *Non-Equivalent Control Group*. Teknik pengumpulan data yang dilakukan dengan menggunakan tes tertulis berupa soal pilihan berganda. Berdasarkan hasil uji t, untuk kelas eksperimen I dan kelas eksperimen II diperoleh  $t_{hitung} = 3,6084$  dan  $t_{tabel} = 1,999$ , karena  $t_{hitung} > t_{tabel}$  maka disimpulkan bahwa terdapat perbandingan yang signifikan pada Model *Problem Based Learning* dan *Cooperative Learning* Pada Materi Sistem Ekskresi Manusia Terhadap Hasil Belajar Siswa Kelas VIII SMP Pondok pesantren Tahfidz Al-Faiz

**Kata Kunci :** *Problem Based Learning, Cooperative Learning, Hasil Belajar*



## ABSTRACT

**Rahmayani Alfiyani, Student ID 4201151018 (2024), A Comparison of Problem-Based Learning and Cooperative Learning Models on the Topic of the Human Excretory System in Relation to the Learning Outcomes of Grade VIII Students at SMP Pondok Pesantren Tahfidz Al-Faiz.**

This research aims to compare the Problem-Based Learning (PBL) and Cooperative Learning (CL) models in the topic of the Human Excretory System. The population in this study consists of all eighth-grade students at Pondok pesantren Tahfidz Al-Faiz, comprising two classes. The sample in this research includes two classes categorized as Experimental Class I and Experimental Class II. The type of research used is Quasi-Experimental Design. The research design applied is Non-Equivalent Control Group. Data collection was conducted using written tests in the form of multiple-choice questions. Based on the t-test results, for Experimental Class I and Experimental Class II, the obtained t-value  $t_{hitung}$  is 3.6084 and the table t-value  $t_{tabel}$  is 1.999. Since  $t_{hitung} > t_{tabel}$ , it is concluded that there is a significant comparison between the Problem Based Learning and Cooperative Learning Models on the Human Excretory System Material on the Learning Outcomes of Class VIII Students of the Tahfidz Al-Faiz Islamic Boarding School.

**Keywords:** Problem Based Learning, Cooperative Learning, Learning Outcomes

