**PENERAPAN *METODE TEAM TEACHING* BERBASIS *E-LEARNING* UNTUK MENINGKATKAN *SELF EFFICACY* DAN KEMAMPUAN PEMECAHAN MASALAH MATEMATIS SISWA SMP DALAM PEMBELAJARAN JARAK JAUH**

**TESIS**

Diajukan untuk memenuhi Syarat memperoleh gelar Magister Pendidikan Matematika



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***Abstrak***

Penelitian ini bertujuan untuk menganalisis peningkatan *self efficacy* dan kemampuan pemecahan masalah matematis pada siswa kelas VIII SMP Islam Nurul Fikri *Boarding School* dengan menerapkan metode team teaching berbassis e-learning pada pembelajaran jarak jauh (PJJ). Sampel penelitian terdiri dari 20 siswa putri pada kelas eksperimen dan 20 siswa putra pada kelas kontrol, yang dipilh secara acak. Data *self efficacy* diukur dengan menggunakan skala *self efficacy* dan kemampuan pemecahan masalah menggunakan tes kemampuan pemecahan masalah matematis yang diberikan pada siklus awal dan siklus akhir penelitian tindakan kelas. Hasil Penelitian menunjukkan bahwa Kelas pembelajaran jarak jauh (PJJ) yang menerapkan metode team teaching berbasis *e-learning* memberikan dampak pada meningkatnya *self efficacy* dan kemampuan pemecahan masalah matematis lebih baik dibandingkan dengan kelas pembelajaran jarak jauh dengan metode konvensional. Berdasarkan hasil pengujian ditemukan adanya peningkatan *self efficacy* dan kemampuan pemecahan masalah matematis pada pembelajaran jarak jauh (PJJ) dengan penerapan metode team teaching berbasis *e – learning*, namun berdasarkan hasil pengujian tidak ditemukan hubungan antara peningkatan *self efficacy* dan kemampuan pemecahan masalah matematis pada pada kelas pembelajaran jarak jauh. Penelitian ini memiliki implikasi penting dalam pengembangan pembelajaran matematika, khususnya dalam penerapan metode team teaching untuk meningkatkan *self efficacy* dan kemempuan pemecahan masalah matematis. Diharapkan melalui hasil penelitian ini dapat memberikan kontribusi pada pengembangan pembelajaran jarak jauh (PJJ) yang lebih efektif dan efisien.

Kata kunci :Kemampuan Pemecahan Masalah Matematis, Metode *Team Teaching* berbasis *e – learning* Pembelajaran Jarak Jauh, *Self Efficacy*

***Abstract***

*This study aimed to analyze the improvement of self-efficacy and mathematical problem-solving abilities of grade VIII students at Nurul Fikri Islamic Boarding School by applying the team teaching method based on e-learning in distance learning (PJJ). The research sample consisted of 20 female students in the experimental class and 20 male students in the control class, randomly selected. Self-efficacy data were measured using a self-efficacy scale, and problem-solving abilities were measured using a mathematical problem-solving test given in the initial and final cycles of classroom action research. The results showed that the distance learning (PJJ) class, which applied the team teaching method based on e-learning, had a positive impact on improving self-efficacy and mathematical problem-solving abilities compared to the distance learning class with conventional methods. Based on the testing results, it was found that there was an improvement in self-efficacy and mathematical problem-solving abilities in distance learning (PJJ) with the application of the team teaching method based on e-learning. However, no correlation was found between the improvement of self-efficacy and mathematical problem-solving abilities in the distance learning class. This research has important implications for the development of mathematics learning, especially in the application of the team teaching method to improve self-efficacy and mathematical problem-solving abilities. It is expected that the results of this study can contribute to the development of more effective and efficient distance learning (PJJ).*

*Keywords: Distance Learning, Mathematical Problem-Solving Ability, Self Efficacy, Team Teaching method based on e-learning*

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