ABSTRACT

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THE EFFECT OF SELF-EFFICACY, SELF-REGULATED LEARNING, AND STUDENT ENGAGEMENT ON CONCEPT MASTERY OF CLASS XI STUDENTS IN MATHEMATICS AT SMA XYZ JAKARTA

(xv + 175 pages: 7 figures; 27 tables; 14 appendices)

Improving the quality of education in Indonesia must be a top priority in building superior human resources. With superior resources, Indonesia can compete in the international world. For that, we need resources that are superior in character and have mastery of modern technology. Schools and teachers must become Agents of Change to shape young people who have professional competence. Therefore, learning in the classroom must be directed so that students can master the concepts of the provided material. In addition, teachers need to improve students' self-confidence and their ability to manage themselves so that students are always actively involved in learning. This study aims to find out how the concept mastery of class XI students at SMA XYZ Jakarta is influenced by the variables self-efficacy, self-regulated learning, and student engagement. The number of respondents in this study was 94 students of class XI SMA XYZ Jakarta. Data collection was carried out using a google form which contained 26 statement items using a Likert Scale. The data were analyzed using SmartPLS 4.0 with an outer model and an inner model. Testing the research hypothesis is enough to see whether the path coefficient sign is in accordance with the hypothesis. The results of the study show that self-efficacy, self-regulated learning, and student engagement have a positive effect on concept mastery.

Kata Kunci: *self-efficacy, self-regulated learning, student engagement, concept mastery*

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ABSTRAK

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PENGARUH *SELF-EFFICACY*, *SELF-REGULATED LEARNING*, DAN *STUDENT ENGAGEMENT* TERHADAP PENGUASAAN KONSEP SISWA KELAS XI PADA MATAPELAJARAN MATEMATIKA DI SMA XYZ JAKARTA

(xv + 175 halaman: 7 figures; 27 tables; 14 appendices)

Peningkatan mutu pendidikan di Indonesia harus menjadi prioritas utama dalam membangun sumber daya manusia yang unggul. Dengan sumber daya yang unggul maka bangsa Indonesia bisa bersaing dalam dunia Internasional. Untuk itu dibutuhkan sumber daya yang unggul dalam karakter dan penguasaan teknologi modern. Sekolah dan guru harus menjadi *Agent of Chance* untuk membentuk generasi muda yang memiliki kompetensi profesional. Oleh sebab itu, pembelajaran di kelas harus diarahkan agar siswa bisa menguasai konsep dari materi yang diberikan. Selain itu, guru perlu meningkatkan keyakian diri siswa serta kemampuan mengelola diri agar siswa selalu terlibat aktif dalam pembelajaran. Penelitian ini bertujuan untuk mengetahui bagaimana *concept mastery* siswa kelas XI di SMA XYZ Jakarta dipengaruhi oleh variable *self-efficacy, self-regulated learning*, dan *student engagement*. Jumlah responden penelitian ini sebanyak 94 siswa kelas XI SMA XYZ Jakarta. Pengumpulan data dilakukan dengan menggunakan *google form* yang berisikan 26 item pernyataan dengan menggunakan Skala Likert. Data dianalisis dengan menggunakan *SmartPLS 4.0* dengan *outer model* dan *inner model*. Pengujian hipotesis penelitian cukup dengan melihat tanda *path coefficient* apakah sesuai dengan hipotesisnya. Hasil penelitian menunjukkan *self-efficacy, self-regulated learning,* dan *student engagement* berpengaruh positif terhadap penguasaan konsep.

Kata Kunci: *self-efficacy, self-regulated learning, student engagement, concept mastery*

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