

THE RELATIONSHIP BETWEEN MOTIVATION AND LEARNING OUTCOMES OF BIOLOGY SUBJECT TROUGHT DISTANCE LEARNING FOR CLASS X MIPA SMAN 1 ULAKAN TAPAKIS STUDENTS, PADANG PARIAMAN REGENCY

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ESSENCE

The change in the face-to-face learning process to distance learning since the Covid-19 pandemic has had an impact on learning motivation that affects student learning outcomes. A change in the implementation of learning that requires teachers to be more innovative in the implementation of distance learning by using media and online learning platforms that are only focused on providing materials and assignments with the limitation of explaining them directly to students and students are required to be able to learn independently away from the teacher's supervision, where students feel burdened by the limited ability to understand biology lessons by themselves so that it affects students' learning motivation.

This study aims to determine the relationship between motivation and biology learning outcomes in distance learning for class X MIPA students of SMAN 1 Ulakan Tapakis, Padang Pariaman Regency. This type of research is descriptive with quantitative research methods. The research was conducted at SMAN 1 Ulakan Tapakis, Padang Pariaman Regency with a population of 100 students of class X MIPA enrolled in the odd semester of the academic year 2021/2022, with a sample of 80 students. The sampling technique was simple random sampling, which was done randomly, using an error rate of 5%. The data collection in this study used a questionnaire containing statements of students' learning motivation in distance learning using a Likert scale, and documents on students' biology scores in the odd midterm exams for the 2021/2022 academic year.

The results of the Pearson product moment correlation test were obtained at 0.86 (86%) on intrinsic motivation and extrinsic motivation of 0.85 (85%), meaning that there is a relationship between motivation and biology learning outcomes in distance learning for students of class X MIPA SMAN 1 Ulakan Tapakis, Padang Pariaman Regency. The results of the t-test showed that the t-count of intrinsic motivation was 15.27 and the t-count of extrinsic motivation was 14,47, indicating that there was a significant relationship. The coefficient of determination of intrinsic motivation is 75% and extrinsic motivation is 73%, this means that intrinsic motivation (X1) and extrinsic motivation (X2) contribute to student biology learning outcomes (Y).

Keywords:

motivation, biology learning outcomes, distance learning