

## ABSTRACT

Rio Ade Perdian 2025. **THE EFFECTIVENESS OF USING KAHOOT-BASED MEDIA INTEGRATED WITH LESSON STUDY FOR STUDENTS' MOTIVATION AND LEARNING OUTCOMES IN TENTH-GRADE BIOLOGY LESSONS (AN EXPERIMENTAL STUDY IN CLASS X-1 AT SMA NEGERI 1 MANONJAYA ACADEMIC YEAR 2024/2025).** *Departement of Biology Education. Faculty of Teacher Training and Education, Siliwangi University, Tasikmalaya.*

*The success of the learning process depends on various factors, including the selection of appropriate instructional media. This study aims to investigate the effectiveness of using Kahoot-based media integrated with lesson to enhance students' motivation and learning outcomes in Grade X biology at SMA Negeri 1 Manonjaya during the 2024/2025 academic year. The research employed a pre-experimental method using a one-group pretest-posttest design. The study was conducted at SMA Negeri 1 Manonjaya, with the entire Grade X cohort serving as the population. The sample consisted of 36 students selected through purposive sampling, based on low learning motivation and teacher recommendations. Data were collected using a learning motivation questionnaire, a multiple-choice test on environmental change material, and observation sheets. The use of Kahoot-based media integrated with Lesson Study demonstrated an effectiveness value of 3.5, which falls under the huge category, and an effectiveness value of 1.3 for learning outcomes, which falls under the very large category. In conclusion, the use of Kahoot-based media integrated with Lesson Study is effective in enhancing students' motivation and learning outcomes.*

**Key Word:** Kahoot, Lesson Study, Learning media, Students' Motivation, Learning Outcomes