

ABSTRAK

PERSEPSI MAHASISWA PENDIDIKAN BIOLOGI TENTANG KESIAPAN MENGIMPLEMENTASIKAN MANAJEMEN LABORATORIUM DI SEKOLAH

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Pembelajaran Biologi tidak hanya menekankan penguasaan konsep, tetapi juga keterlibatan siswa dalam kegiatan praktikum. Namun, pengelolaan laboratorium di sekolah masih menghadapi berbagai kendala yang dapat memengaruhi pelaksanaan praktikum. Penelitian ini bertujuan untuk mendeskripsikan persepsi mahasiswa calon guru Biologi terhadap pentingnya manajemen laboratorium, persepsi kesiapan mahasiswa dalam mengimplementasikan manajemen laboratorium, serta faktor-faktor yang memengaruhi persepsi kesiapan tersebut.

Penelitian ini menggunakan metode *Mixed Methods* dengan desain *Explanatory Sequential*. Penelitian dilakukan pada mahasiswa Pendidikan Biologi angkatan 2022 Universitas Sanata Dharma. Data dikumpulkan melalui kuesioner, wawancara, dan dokumentasi, kemudian dianalisis secara deskriptif dan diintegrasikan pada tahap interpretasi.

Hasil penelitian menunjukkan bahwa mahasiswa memiliki persepsi yang positif terhadap pentingnya manajemen laboratorium dan persepsi kesiapan yang baik dalam mengimplementasikan manajemen laboratorium. Faktor yang memengaruhi persepsi kesiapan mahasiswa meliputi motivasi, minat, pengalaman praktikum, keterlibatan sebagai asisten dosen, dan pengalaman Praktik Lapangan Persekolahan (PLP).

Kata kunci: persepsi, kesiapan mahasiswa, manajemen laboratorium.

ABSTRACT

**BIOLOGY EDUCATION STUDENTS' PERCEPTIONS OF THEIR
READINESS TO IMPLEMENT LABORATORY MANAGEMENT IN
SCHOOLS**

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Biology learning emphasizes not only the mastery of concepts but also students' involvement in laboratory activities. However, laboratory management in schools still faces various challenges that may affect the implementation of practical activities. This study aimed to describe pre-service Biology teachers' perceptions of the importance of laboratory management, their perceived readiness to implement laboratory management, and the factors influencing their perceived readiness.

This study employed a Mixed Methods approach using an Explanatory Sequential Design proposed. The study was conducted with Biology Education students from the 2022 cohort at Sanata Dharma University. Data were collected through questionnaires, interviews, and documentation, then analyzed descriptively and integrated during the interpretation stage.

The results showed that students had positive perceptions of the importance of laboratory management and demonstrated good perceived readiness to implement laboratory management. Factors influencing students' perceived readiness included motivation, interest, practical experience, involvement as teaching assistants, and experiences gained through the School Field Experience Program

Keywords: *perception, student readiness, laboratory management.*