

**ANALISIS KEMAMPUAN GURU DALAM MELAKSANAKAN  
PRAKTIKUM DAN HUBUNGANNYA DENGAN HASIL  
BELAJAR BIOLOGI SISWA PADA SEKOLAH SMA  
TERAKREDITASI A DIKOTA MEDAN**

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**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui ketersediaan alat dan bahan serta kemampuan guru dalam melaksanakan praktikum dan hubungannya dengan hasil belajar siswa di sekolah SMA terakreditasi A di Kota Medan. Jenis penelitian ini adalah penelitian deskriptif. Populasi dalam penelitian ini adalah guru-guru biologi kelas XI dan siswa kelas XI di lima SMA Negeri yang terakreditasi A di Kota Medan, yaitu SMAN 9 Medan, SMAN 11 Medan, SMAN 12 Medan, SMAN 17 Medan, dan SMAN 21 Medan. Sampel penelitian diambil dengan cara sampling total. Jumlah sampel penelitian terdiri tujuh guru bidang studi biologi kelas XI dan 252 siswa. Hasil penelitian ini menunjukkan bahwa kemampuan guru dalam melaksanakan kegiatan praktikum tergolong kedalam kriteria yang baik dengan perolehan skor rata-rata sebesar 75 sedangkan hasil belajar siswa menunjukkan rata-rata sebesar  $76,2 \pm 2.1$ . Berdasarkan uji signifikansi didapatkan nilai 0,016, dimana  $0,016 < 0,05$  dapat disimpulkan bahwa ada hubungan yang signifikan antara kemampuan guru dalam melaksanakan kegiatan praktikum dengan hasil belajar siswa.

***Kata Kunci : Kemampuan Guru, Laboratorium Biologi, Praktikum, Hasil Belajar***

**THE ANALYSIS OF TEACHERS' ABILITY IN IMPLEMENTING LAB  
WORK AND ITS RELATION WITH THE STUDENTS' BIOLOGY  
LEARNING RESULT IN A-LEVEL ACCREDITED  
SENIOR HIGH SCHOOL IN MEDAN**

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**ABSTRACT**

This research aimed to analyse the availability of tools and materials and the teachers' ability in implementing lab work and its relation with the students' learning result in A-Level accredited Senior High School in Medan. This research was conducted using descriptive qualitative design. Population of this research were biology teachers grade XI and students grade XI in five state Senior High Schools in A-Level accredited in Medan, they were SMAN 9 Medan, SMAN 11 Medan, SMAN 12 Medan, SMAN 17 Medan, and SMAN 21 Medan. Sample of this research was taken with the technique of total sampling. Total sample of this research consisted of seven biology teachers of grade XI and 252 students. The results of this research showed that the teachers' ability in implementing practicum activities were categorized into good criteria with average score of 75, while the students' learning result showed average of  $76,2 \pm 2.1$ . Based on the significance test, obtained score 0.016, where  $0.016 < 0.05$  could be concluded that there was significant relationship between teachers' ability in implementing practicum activities with the students' learning result.

***Keywords : Teachers' Ability, Biology Labs, Practicum, Learning Result***