

ABSTRAK

Devi May Cristian Pangaribuan, NIM 4163321004 (2016), Analisis Sarana Laboratorium Fisika dan Pelaksanaan Praktikum Fisika SMA Negeri di Kota Medan

Penelitian ini bertujuan untuk mengetahui sarana laboratorium fisika, kompetensi laboran, pelaksanaan praktikum fisika dan faktor penghambatnya di SMA Negeri di Kota Medan. Jenis penelitian yang digunakan yaitu penelitian deskriptif dengan teknik pengumpulan data secara observasi langsung, wawancara, pembagian angket dan dokumentasi. Populasi pada penelitian adalah seluruh SMA Negeri di kota Medan. Sampel pada penelitian ini yaitu SMA Negeri 2 Medan, SMA Negeri 3 Medan, SMA Negeri 13 Medan, SMA Negeri 14 Medan, dan SMA Negeri 16 Medan yang di ambil dengan teknik cluster sampling. Hasil analisis data yang dilakukan, diperoleh bahwa sarana laboratorium fisika SMA Negeri di Kota Medan berkategori baik dengan merujuk Permendiknas No.24 Tahun 2007 dengan rata-rata 65,7%, kompetensi laboran dalam mengelola laboratorium tergolong baik rata-rata 75,71% sesuai Permendiknas No.26 Tahun 2008, dan pelaksanaan praktikum tergolong baik dengan rata-rata 70,07% (angket guru) dan 66,96% (angket siswa), namun kegiatan pelaksanaan praktikum jarang dilaksanakan dan dalam kategori tidak baik dengan persentase 31,42%.

Kata kunci : *Kompetensi Laboran, Pelaksanaan Praktikum, Sarana Laboratorium.*

ABSTRACT

Devi May Cristian Pangaribuan, NIM 4163321004 (2016), Analysis of Physics Laboratory Facilities and Implementation of Public High School Physics Practicum in Medan

This study aims to determine the laboratory infrastructure, laboratory assistant competency, the implementation of physics practicum and inhibiting factors at SMA Negeri in Medan. The type of this research is descriptive research with data collection techniques by direct observation, interviews, questionnaires and documentation. The population in this study were all SMA Negeri in Medan. The sample in this study is SMA Negeri 2 Medan, SMA Negeri 3 Medan, SMA Negeri 13 Medan, SMA Negeri 14 Medan and SMA Negeri 16 Medan who were taken using cluster sampling technique. The results of the data analysis, it was found that the physics laboratory infrastructure for State Senior High Schools in Medan was in the good category according to the Minister of National Education Regulation No.24 of 2007 with an average of 65.7%, the competence of laboratory assistant in managing the laboratory is in the good category with an average of 75.71% according to the Minister of Education Regulation No.26 of 2008, and the use of laboratories in practicum implementation was good with an average of 70.07% (teacher survey) and 66.96% (student survey), but based on the frequency of practicum implementation, laboratory utilization is in the bad category with a percentage of 31.42%.

Keywords: *Laboratory Assistant Competence, Implementation of physics practicum, Laboratory Facilities.*