

**ANALISIS KELENGKAPAN DAN PEMANFAATAN LABORATORIUM IPA  
(BIOLOGI) PADA MATA PELAJARAN BIOLOGI  
DI KELAS XI SMA NEGERI 1 BINJAI  
T.P 2018/2019**

**Farantika Elista Anjani  
(4153341014)**

**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui (1) kesesuaian kondisi sarana dan prasarana laboratorium IPA (Biologi) dengan Permendiknas No.24 Tahun 2007 di SMA Negeri 1 Binjai (2) pemanfaatan laboratorium IPA (Biologi) di SMA Negeri 1 Binjai (3) faktor penyebab kurangnya pemanfaatan laboratorium IPA (Biologi) di SMA Negeri 1 Binjai. Jenis Penelitian yang digunakan adalah survey explorative. Populasi sebagai objek penelitian adalah siswa kelas XI IPA 6 dan XI IPA 7 jurusan IPA berjumlah 2 kelas. Sampel yang digunakan dalam penelitian ini adalah sampel total dengan mengambil kelas XI IPA 6 sebanyak 40 peserta didik, kelas XI IPA 7 sebanyak 40 peserta didik, sehingga peserta didik yang menjadi sampel berjumlah 80 orang. Teknik pengambilan sampel untuk guru mata pelajaran biologi dilakukan secara total sampling. Teknik pengumpulan data dalam penelitian ini antara lain observasi langsung, pembagian angket, wawancara dan dokumentasi. Hasil analisis data diperoleh fasilitas kelengkapan laboratorium sekolah tergolong sangat baik (88,41%), pemanfaatan Laboratorium di SMA Negeri 1 Binjai T.P 2018/2019 tergolong baik dengan persentase (72,66%) dan faktor utama yang ditemui dalam pemanfaatan laboratorium adalah kurangnya fasilitas praktikum biologi, kurangnya waktu bagi guru dalam mempersiapkan kegiatan praktikum biologi, kurangnya peran guru dalam pelaksanaan praktikum, ruangan yang tidak memadai untuk melakukan kegiatan praktikum.

Kata kunci : Laboratorium, Pemanfaatan Laboratorium, Faktor

**ANALYSIS OF COMPLETION AND UTILIZATION OF IPA LABORATORY  
(BIOLOGY) IN BIOLOGICAL SUBJECTIN CLASS  
XI STATE 1ST HIGH SCHOOL BINJAI  
T.P 2018/2019**

**Farantika Elista Anjani  
(4153341014)**

**ABSTRACT**

This study aims to determine (1) the suitability of the conditions of laboratory facilities and infrastructure of Science (Biology) with Permendiknas No.24 of 2007 in 1 Binjai Public High School (2) utilization of science (Biology) laboratories in Binjai 1 Public High School (3) causes of lack utilization of science (Biology) laboratories in Binjai 1 Public High School. The type of research used is an explorative survey. The population as the object of the study were students of class XI IPA 6 and XI IPA 7 majoring in science totaling 2 classes. The sample used in this study was a total sample by taking class XI IPA 6 as many as 40 students, class XI IPA 7 as many as 40 students, so that students who were sampled amounted to 80 people. The sampling technique for biology teachers is done in total sampling. Data collection techniques in this study include direct observation, questionnaire distribution, interviews and documentation. The results of the data analysis showed that the facilities of the school laboratory were very good (88.41%), Laboratory utilization in Binjai 1 Public High School TP 2018/2019 was classified as good with a percentage (72.66%) and the main factor encountered in laboratory use was a lack of facilities biology practicum, lack of time for teachers in preparing biology lab activities, lack of teacher roles in practicum implementation, inadequate rooms for practicum activities.

Keywords: Laboratories, Laboratory Utilization, Factors