

ABSTRAK

Adilah Afikah : Description of Science Process Skills for MIPA Class XI Students Through the Use of Guided Inquiry-Based Colloidal System Modules

Science process skills are skills that emphasize the learning process, activities, and creativity of students to gain knowledge. Science process skills belong to the psychomotor domain where the assessment is still not done optimally. The aim of this study is to get a description of the science process skills of students through the use of guided inquiry-based colloidal system modules.

This type of research is library research that uses descriptive analysis. The data used are secondary data, that is reputable scientific journals in the form of articles. The data collection method in this study is the documentation method with data analysis techniques in the form of content analysis. The steps used in this research are exploring ideas, finding information, emphasizing the focus of research, organizing the material used, looking for reading material, reorganizing the material, making notes, reviewing, enriching the reading, and reorganizing the material again and writing the results of the research.

The results showed that modules with guided inquiry learning models on colloidal system material could bring out the science process skills of students. Students who carry out practicum activities using guided inquiry-based modules on colloidal system material have high science process skills on each indicator. The average value of the ten indicators of students' science process skills is 80.0 with a very good category. Indicators of science process skills that have the highest appearance are classification / grouping skills and formulating hypotheses. With this research students are expected to be more focused on the science process skills so that students have a good attitude and scientific process in learning.

Keywords: science process skills, guided inquiry-based modules, systems colloid.