

ABSTRACT

ANALYSIS OF THE MANAGEMENT OF PRACTICUM MATERIALS AND EQUIPMENT IN CHEMISTRY LABORATORIES AT SURABAYA MUHAMMADIYAH UNIVERSITY

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This study aims to describe and explain the management of chemistry laboratory practicum tools and materials at Muhammadiyah Surabaya University in terms of planning, implementation & evaluation as well as the obstacles experienced. The type of research used is qualitative descriptive analysis research. The results showed that the laboratory conditions and management of chemical laboratory materials and equipment at Universitas Muhammadiyah Surabaya had met the standards set by the government. As for the management of practicum tools and materials in the chemistry laboratory at Muhammadiyah Surabaya University in the aspects of planning, implementation, and evaluation, most of them are in accordance with the SOP of the Muhammadiyah Surabaya University laboratory, although it has not been fully implemented. For the obstacles experienced in managing practicum tools and materials at Muhammadiyah Surabaya University, namely: 1) at the planning stage there are no obstacles in managing practicum tools and materials, 2) at the implementation stage there are several obstacles in the maintenance process, namely the lack of storage for consumables so that there are still many materials scattered in the practicum room & there is no waste disposal site, 3) while for the evaluation stage there are no obstacles so far the evaluation runs regularly. The researcher suggests that the agency and the faculty play an active role and cooperate in improving laboratory management as well as possible, starting from fixing existing obstacles.

Keywords: *Analysis; Management; Laboratory; Chemistry lab*