ABSTRACT

ALAM BUDY KUSUMA, Information Technology Infrastructure Readiness Jakarta State University in Implementing E-learning System. Preceptor M. Ficky Duskarnaen, S.T, M.Sc and Hamidillah Ajie, S.Si, M.T.

This study aims to describe the condition of information technology infrastructure and forms of e-learning that can be applied at Jakarta State University. Information technology infrastructure assessed is computer networks, bandwidth, servers, and classroom facilities. This study uses a descriptive qualitative approach with research subjects head of UPT TIK Jakarta State University and technical staff of the UPT TIK network in the State University of Jakarta. Data collection techniques used were observation, interviews, and documentation. The results of the study show that: 1) Computer networks at Jakarta State University can connect most building. 2) Bandwidth at Jakarta State University can serve lecturers, employees, and students. 3) Servers at Jakarta State University have been able to support academic information systems in the form of SIAKAD, SIUKAT, and e-learning websites. 4) Classroom facilities at Jakarta State University have been able to support information technology-based learning. 5) Outdoor facilities have been provided to support learning for students outside the classroom. In general, the elements of information technology infrastructure at Jakarta State University are ready to support learning with e-learning support.

Keywords: Readiness, Information Technology Infrastructure, E-Learning.