

## ABSTRACT

Advances in Information Technology (IT) have had a significant impact on various aspects of life, including education. Telkom University utilizes IT to improve academic services through the SIRAMA application as an academic registration system. This application is used by students, lecturers, and heads of study programs in the registration, approval and management of class quotas. However, implementing new technology requires an analysis of the factors that influence user adoption. This research uses the Extended Technology Acceptance Model (TAM) method with additional security variables to examine the adoption of SIRAMA by students. The research results show that perceived usefulness has a significant influence on attitude toward using with a t-value of 4.114 and a significance of  $p = 0.000$  ( $<0.05$ ). Apart from that, perceived ease of use also has a significant effect on attitude toward using with a t-count of 2.898 and a significance of  $p = 0.010$  ( $<0.05$ ). The additional security variable in this model also shows a positive influence on students' attitudes towards using SIRAMA. The implications of this research can be used as a basis for developing academic information systems that are more efficient and secure in accordance with user needs.

**Keywords:** Information Technology, SIRAMA, TAM, security.