

**AUDIT SISTEM INFORMASI AKADEMIK MENGGUNAKAN  
KERANGKA KERJA COBIT 4.1 DI UNIVERSITAS MUHAMMADIYAH  
JEMBER**

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**ABSTRAK**

Audit ini dilakukan untuk mengetahui *key goal indicator*, *key performance indicator* serta tingkat kematangan layanan yang ada pada Sistem Informasi Akademik di Universitas Muhammadiyah Jember. Penentuan tingkat kematangan diambil berdasarkan pengujian kematangan kerangka kerja COBIT sesuai tingkat dan levelnya. Proses TI yang menjadi objek penelitian adalah PO(4,5,7,8,10) dan AI(3). Tingkat kematang Sistem Informasi Akademik di Universitas Muhammadiyah Jember dinilai sudah cukup baik karna pada kondisi eksisting mempunyai nilai rerata 3.011 yakni tercakup pada level kematangan ke-3(*Defined*) sedangkan pada kondisi ideal/ harapan sistem informasi akademik mempunyai nilai rerata 4.17(*managed and measurable*). Hasil Presisi yang diperoleh yaitu Domain PO 79% dan untuk Domain AI 78%.

*Kata Kunci : Audit Sistem Informasi, Key Goal Indicator, Key Performance Indicator, COBIT, Tingkat Kematangan Layanan, Presisi.*

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**ABSTRACT**

This audit is conducted to find out key goals indicator, key performance indicator and level of maturity that exist in Academic Information System at Muhammadiyah University of Jember. Determination of maturity level is taken based on testing the maturity of COBIT framework according to level and the level. The IT process that becomes the object of research is PO (4,5,7,8,10) and AI (3). The level of information system of Academic Information at Muhammadiyah University of Jember is considered good enough because the existing condition has a mean value of 3,011 which is covered in the level of 3rd maturity (Defined) whereas in ideal condition / expectation academic information system has average value 4.17 (managed and measurable) . Precision results obtained are PO Domain 79% and for Domains AI 78%.

Keywords: Information System Audit, Key Goal Indicator, Key Performance Indicator, COBIT, Service Maturity Level, Precision.