

ABSTRACT

ANALISIS MANAJEMEN RISIKO MENGGUNAKAN KERANGKA KERJA ISO 31000:2018 (Studi Kasus: Riset dan Pengembangan Sistem Informasi (RISBANGSI) Telkom University)

By

ANDI AIDIL FITRAWAN

1202170260

Telkom University is an amalgamation of four private universities, namely the Telkom Institute of Technology (IT Telkom), the Telkom Management Institute (IM Telkom), Telkom Polytechnic, and the Telkom Indonesian College of Art and Design (STISI Telkom) which was founded on August 14, 2013 organized by the Telkom Education Foundation (YPT). Currently, Telkom University has 7 Architectures with a total of 40 (forty) Study Programs. The current total number of students is around 22348, with a total of 746 lecturers.

To achieve the vision, mission and goals of Telkom University, it is necessary to improve the quality of services and operations by conducting a management risk analysis using the ISO 31000:2018 framework which produces 13 risks above appetite (risk appetite) and Generic Risk Scenario COBIT 5 as a control recommendation.

From the results of the study, it can be concluded that there are 6 risks with a medium level or level of risk with risk management, namely mitigation actions. The risks given in handling mitigation are resetting application development priorities, application design planning is not optimal, development operational activities are hampered, RTO during the data access process, applications cannot be accessed properly, there are bugs when.

Keywords: *ISO 31000, Risk Management, Telkom University Management Information System, Telkom University*