

## **KIRUNDA MARC (2014-M102-20010)**

### **Social Media and Information Security of Organisations in Uganda: A Case Study of National Water and Sewerage Corporation.**

The general objective of the study was to examine the relationship between social media and information security of organisations using a case study of National Water and Sewerage Corporation (NWSC). The study was guided by the following objectives: to assess the relationship between social media usage and information security of National Water and Sewerage Corporation; to examine the relationship between social media content and information security of National Water and Sewerage Corporation and to assess the relationship between social media monitoring and information security of National Water and Sewerage Corporation. A correlational study research design was used. The study predominantly employed a quantitative approach and qualitative approaches. The study population consisted of 120 respondents. A sample size of 99 respondents was selected using purposive and simple random sampling techniques. Quantitative data analysis mainly consisted of descriptive statistics (percentages) and inferential statistics (Pearson correlation, coefficient of determination and regression).

Findings revealed that social media usage ( $\beta_1 = 0.709$ ,  $p$  value =0.027); social media content ( $\beta_2 = 0.703$ ,  $p$  value =0.018) and social media content ( $\beta_2 = 0.776$ ,  $p$  value =0.022) had significant positive relationship with information security of National Water and Sewerage Corporation. It was concluded that adoption of social media has largely had significant positive relationship on information security of National Water and Sewerage Corporation. Thus, it was recommended that for purposes of improving information security, NWSC needs to ensure that security policies are integrated with modern incoming technologies to reduce on system disruption and safety.

**Key Words: Social Media, Information Security Organisations, National Water and Sewerage Corporation.**