

To: Vice President

From: Owin Ifill

March 3, 2025

Subject: Financial Return on Investment on Constant Hall Network.

This memo is to present the financial return on investment analysis for upgrading the current 10Base-T network infrastructure in Constant Hall. The equipment proposed and purchased from hands on 3 and 4 will enhance the network performance, benefiting the faculty and students.

The current situation in constant hall is equipped with 10Base-T network. Giving the increasing demands for high-speed internet, streaming, large file transfers, and real time communication and collaboration tools, this current infrastructure is lacking the capacity to carry out such demands. Leading to slower response times and a decrease in productivity in both the students and faculty.

The proposed upgrades listed in hands on 3 and hands on 4, would provide an increase in network speed. The upgrade will require the purchase of new cables, and switches.

Assumptions for the return on investment are that the average faculty member would save about 10 minutes per day due to the faster network speeds and the average student would save about 4-4 minutes per day during labs and class hours with the new upgraded speeds.

To conclude, with a return on investment over 200%, the enhanced infrastructure will not only improve but also support future growth in the technological sense. I recommend you relook at handout 3 and 5 and approve the budget to proceed with this project, ensuring Constant Hall remains gains a hub for education and research.

Thank You.