

Uva Wellassa University



**Annual NOC Meeting 2015/16 with eduroam
Workshop**

Presented by : Herath H.M.U (System Analyst)

Presentation of UWU

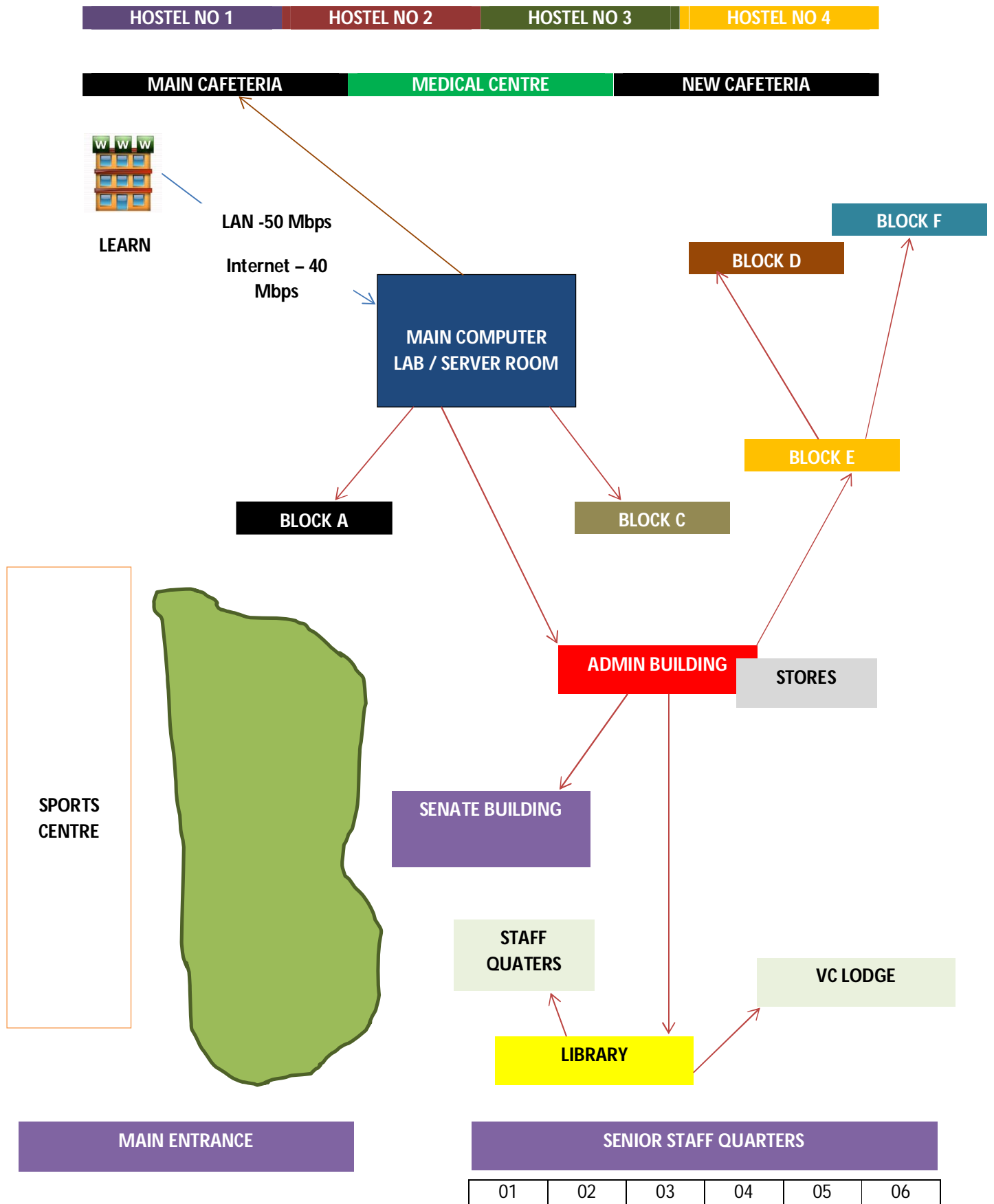
- Established in 2006
- More than 3000 students
- Nearly 200 Staff members (Academic / Non Academic)



Current Status of Local Network

- Network equipments has been renewed to support new services like voice over IP.
- Generally uses LAN technologies.
- Wireless networks are used to connect provide shared services (Internet , access LANs services)
- Fiber optic backbone architecture (Tree Topology)
- Main Computer Lab (Star Topology)

UWU NETWORK COVERAGE MAP



→ Fiber Optic Line

Successful Stories

- A building or group of buildings connected into one enterprise network that consists of a LAN.
- Network extension with wireless for distant sites with constant bandwidth – 10 number of new Wi-Fi zones.
- Fiber Network expansion

Future Plans / Developments

- Renew security of the current architecture (use equipments for network security firewall)
- Allow an reliable access Internet with a continuous service for all users.
- Remote training and video conference over IP
- Transitioning to IPv6
- Get use of *eduroam* services.

Network Administrator Challengers

- LAN run effectively and efficiently
- Availability and performance impacted by the amount of bandwidth in the network . (Internet 40mbps , LAN Speed – 50mbps)
- Understand , Implement and Manage traffic flows .

Thank You