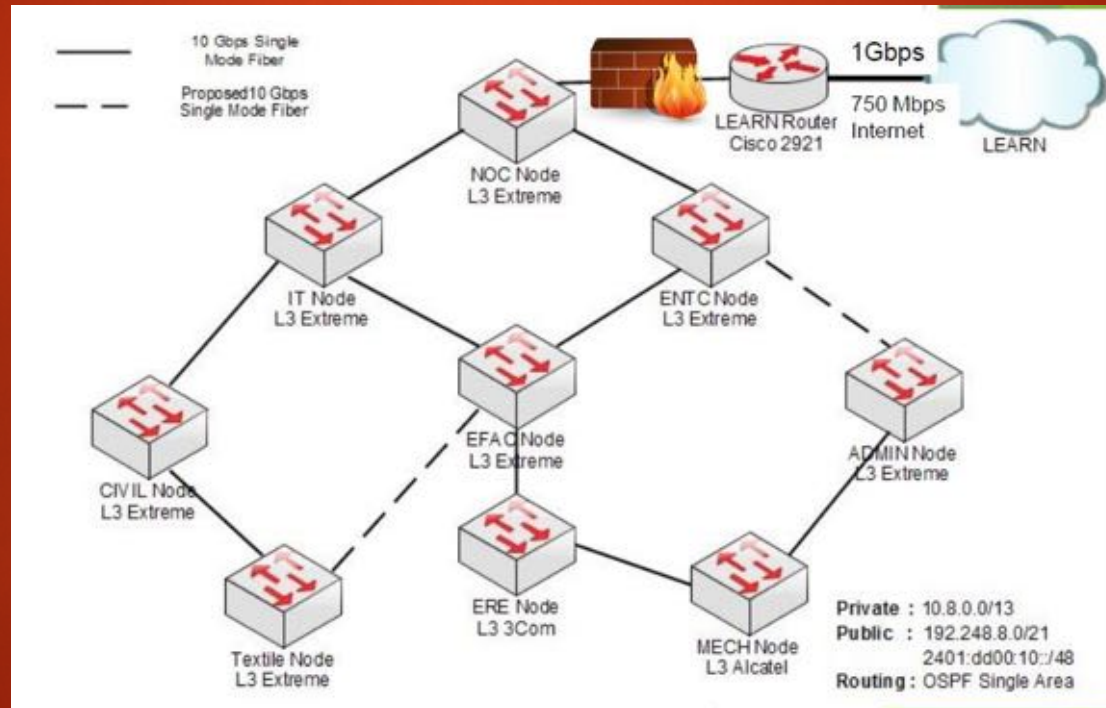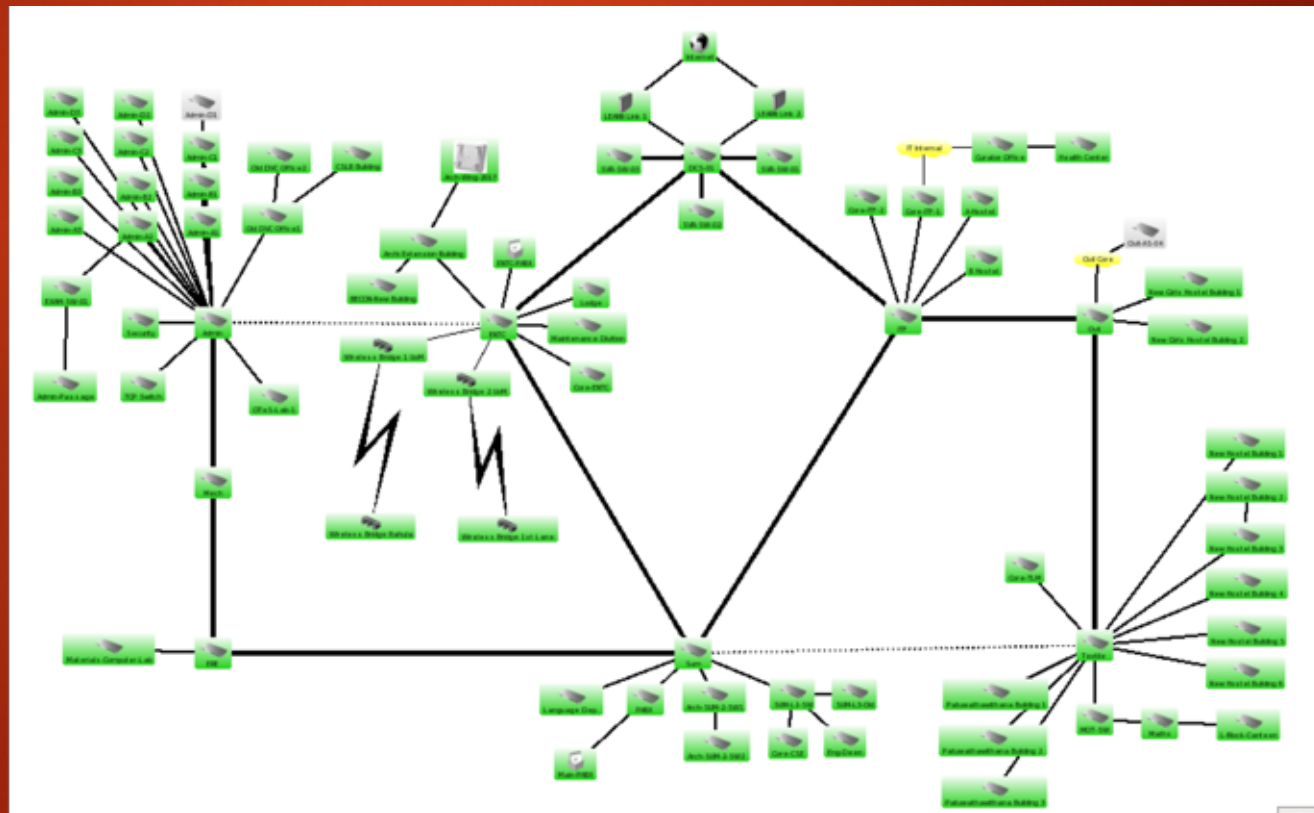# Progress Updates of
University of Moratuwa
and
Institute of Technology

BY CITES, UNIVERSITY OF MORATUWA
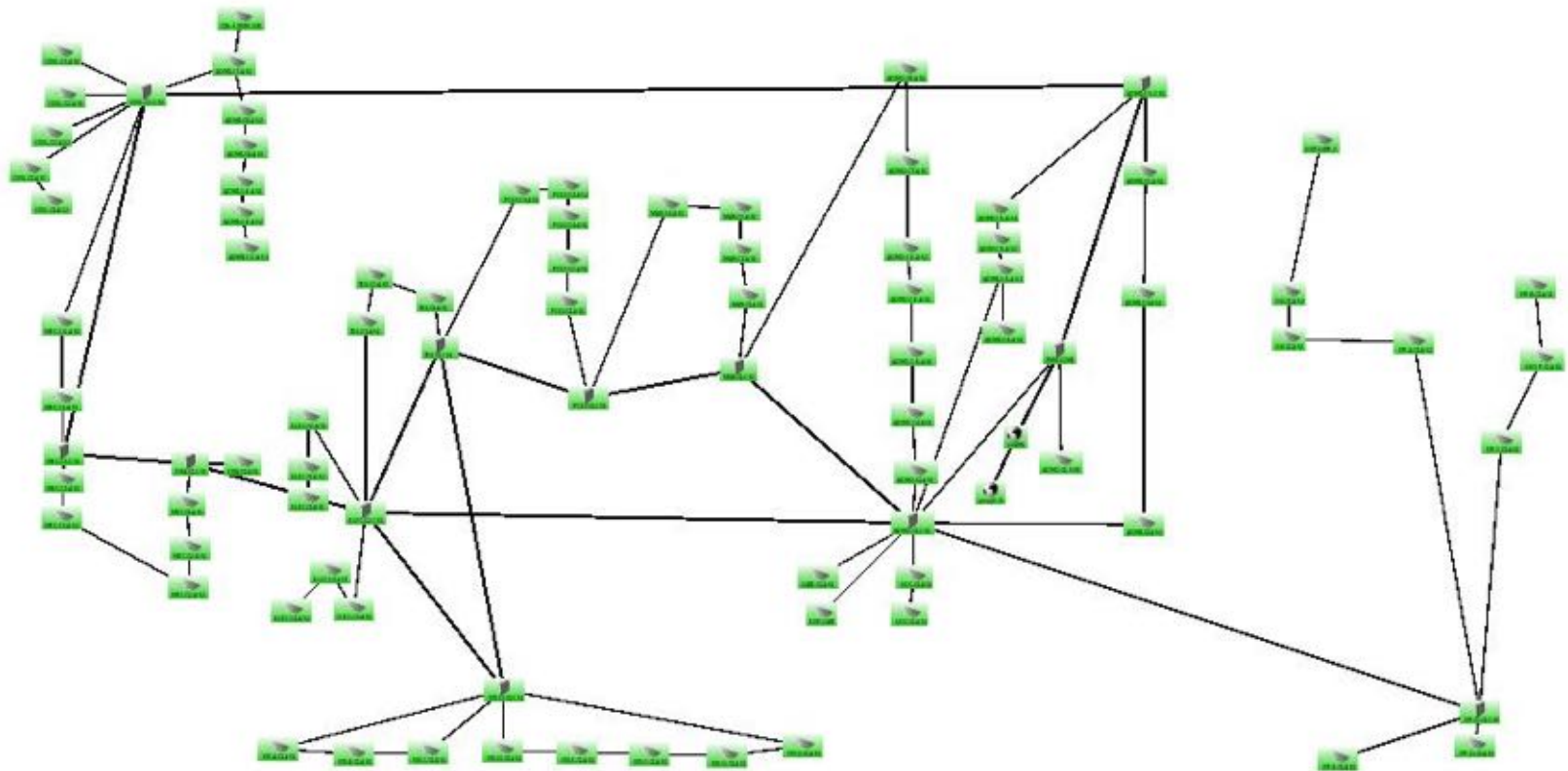
UoM Backbone

UoM Network
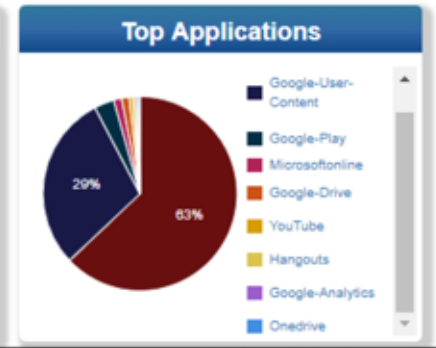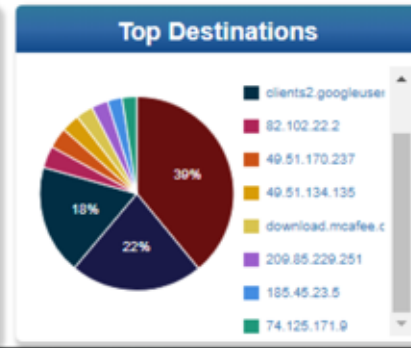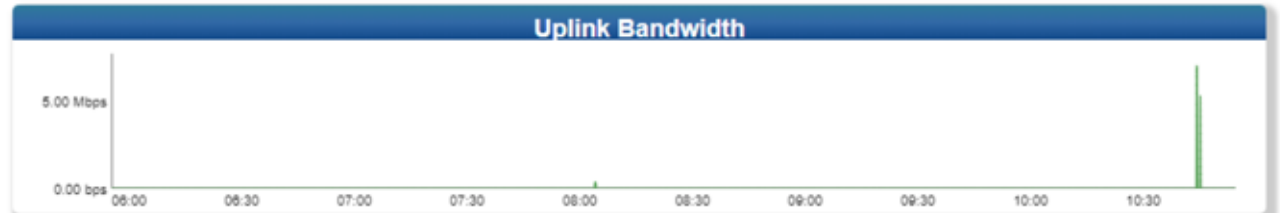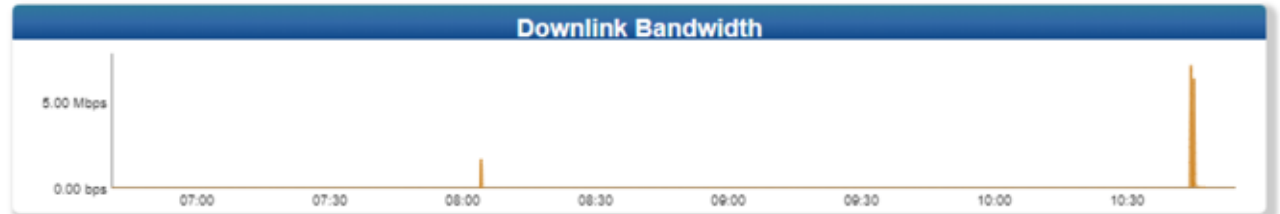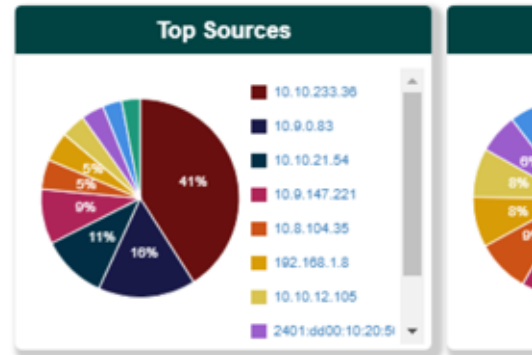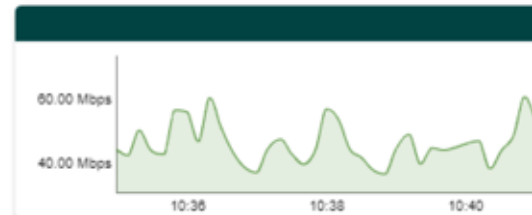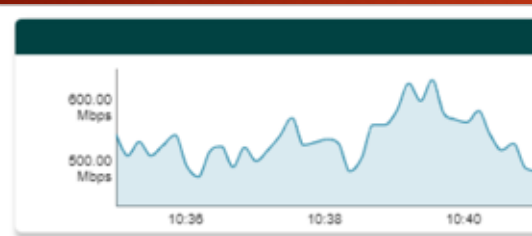
ITUM Network

Traffic at UoM
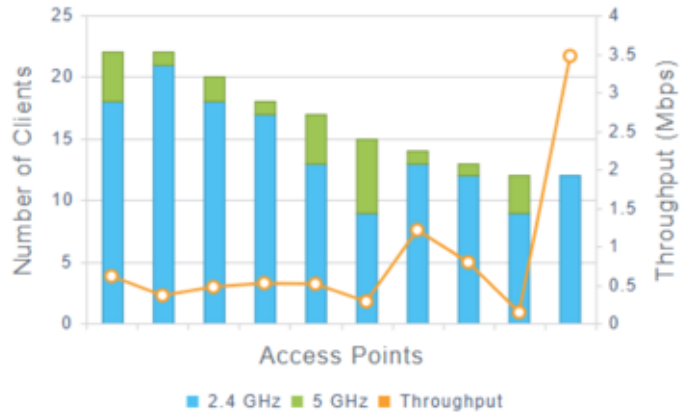
IPv6 Implementation

- UoM IPv6 Block - 2401:dd00:10::/48
- All departments have /64 IPv6 Blocks
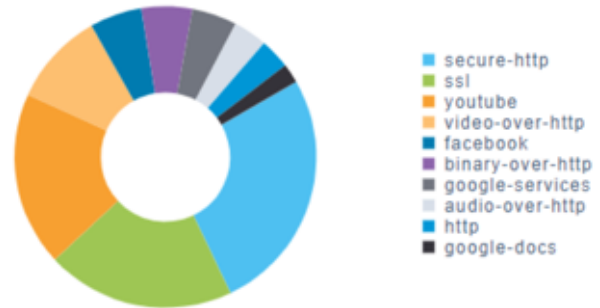- /64 IPv6 Block for Wireless

Wireless

- 3000+ wireless devices. (Range 10.x.x.x/19)
- Uses WPA2/AES with PEAP for extended security in eduroam
- Wireless controller (Cisco 5520)
- DHCP server

Wireless (Contd…)

Future Plans

- DR Site
- Medical Faculty
- Network Research Lab (Partially Implimented for SDN)
- Centralized Power distribution to Backborn

Thank You