Network Operations Centre
University of Colombo

# NOC - History

- One Web Server
- Four people (Director, Asst. Network Manager, Web Admin and one Computer Applications Assistant)
- Started in 2014 August with new Internet connection (100 Mbps)

# NOC - Present

- Three Web Servers, Two Backup Web Servers, Proxy Server, DNS Server, KVM Server and Mail Server
- APC NetShelter SX Rack
- Seven people (Director, Asst. Network Manager, Two Web Admins, Two Technical Officers and Computer Applications Assistant )
- Sri Palee campus, Medical Faculty and IBMBB, UCIARS Institutes are running with separate LEARN connection.
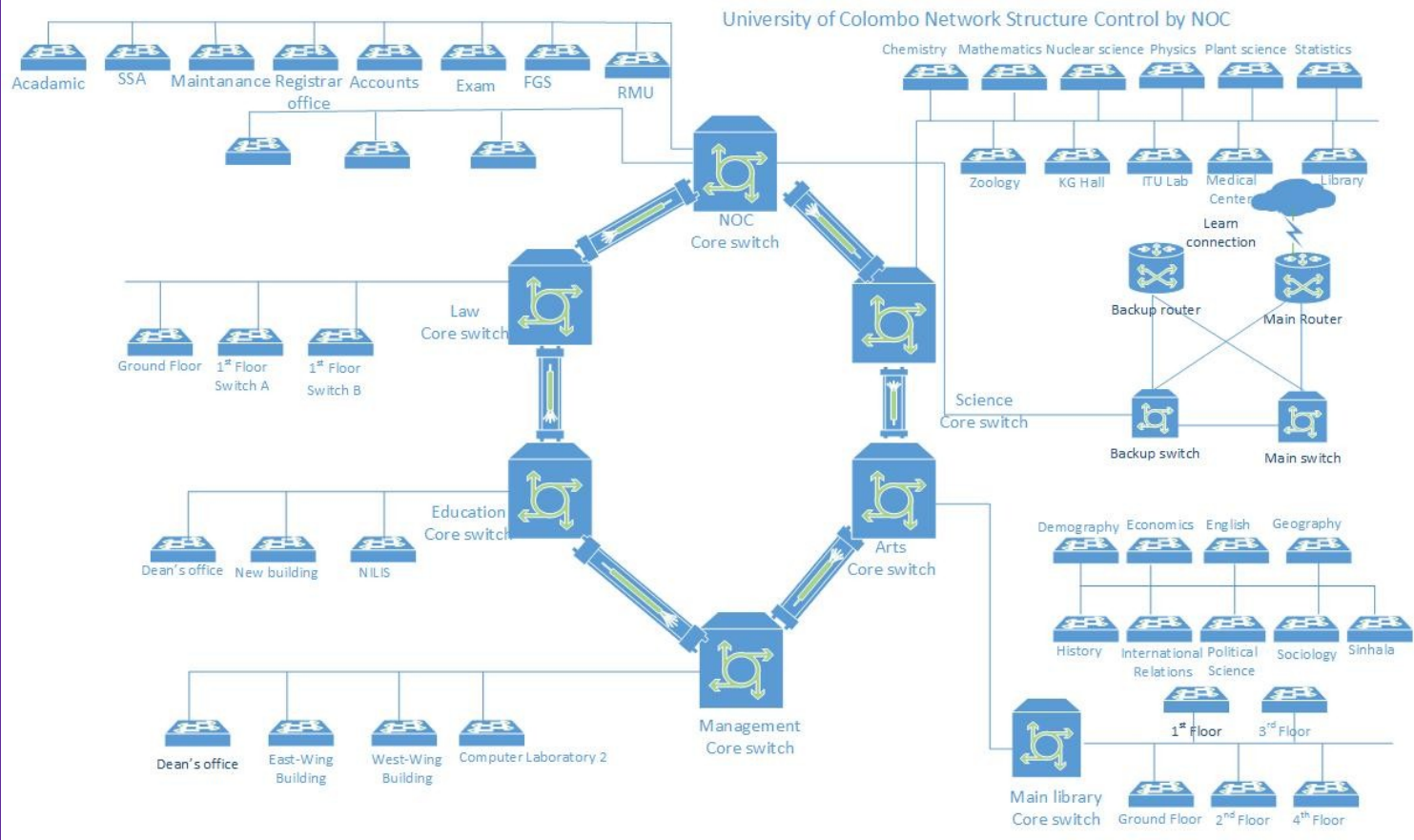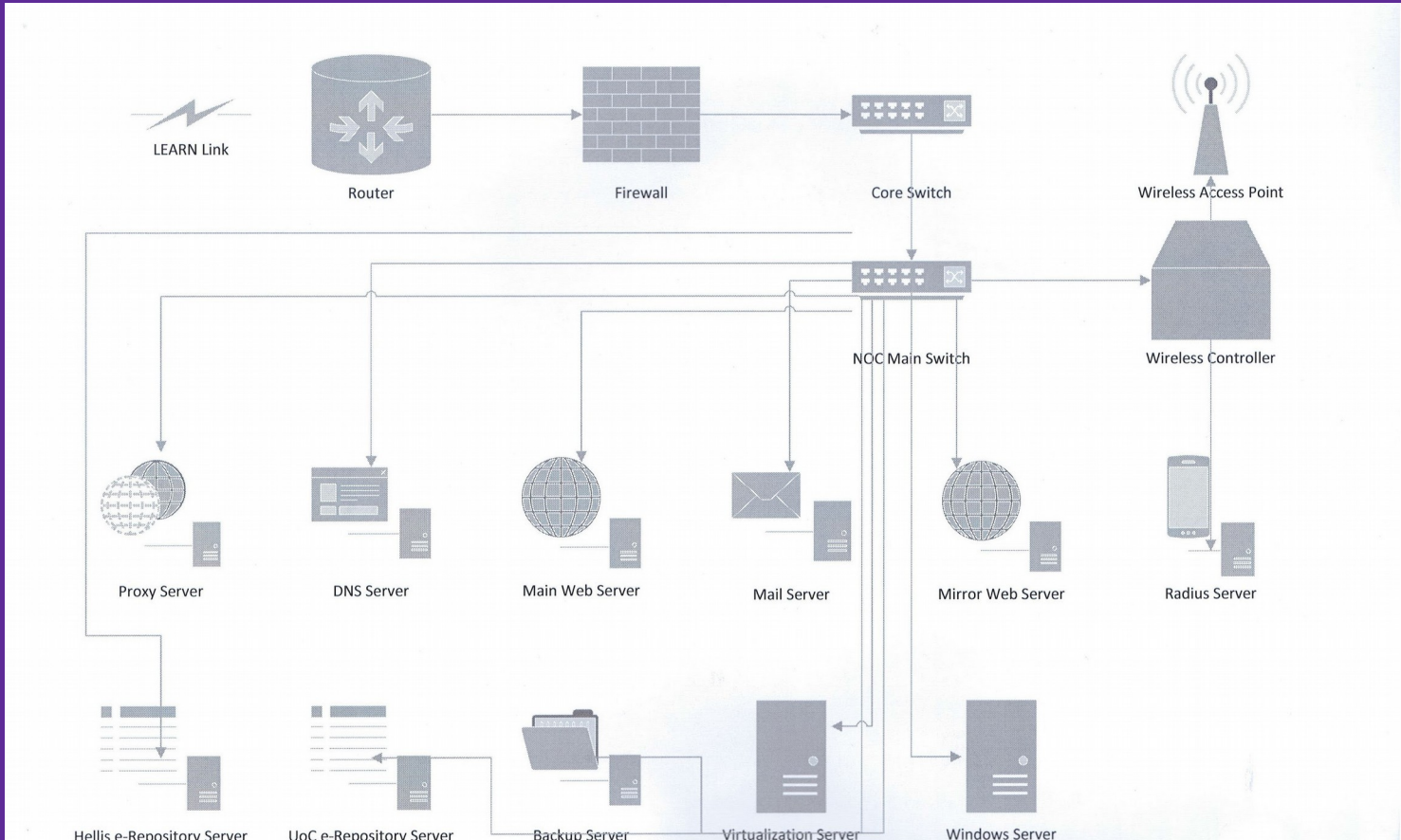- More than 3000 client computers and more than 500 wireless devices connected daily.

# University of Colombo Network

- Current Network bandwidth - 150Mbps, Internet bandwidth 100Mbps
- Wireless Access Points for students in the University premises
- Renovation of Faculty of Science, Faculty of Arts, Faculty of Education, Faculty of Graduate Studies, Main Library and College House Local Area Network with 1Gbps bandwidth
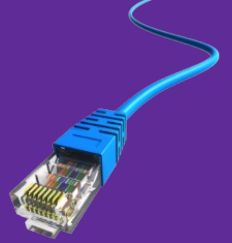
# University of Colombo Network



University of Colombo Network Structure Control by NOC

# University of Colombo Server System

# Successful Stories

- Installation of APC NetShelter SX Rack

# Future Plans

- Increase Internet Bandwidth to 300Mbps from 100Mbps
- Installation of Firewall
- Installation of Radius Server & Wireless Controller
- Implement VOIP service
- Migration to IPv6

# Thank you !

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