

# Rajarata University of Sri Lanka

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NOC Meeting 2023 - LEARN

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# LEARN Connections

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- Main Link – 400 Mbps (Mihinthale Premises)
- Faculty of Medicine and Allied Sciences – 200 Mbps (Saliyapura)
- Faculty of Agriculture – 200 Mbps (Puliyankulama)
- Faculty of Technology – 100 Mbps (Mihintale)

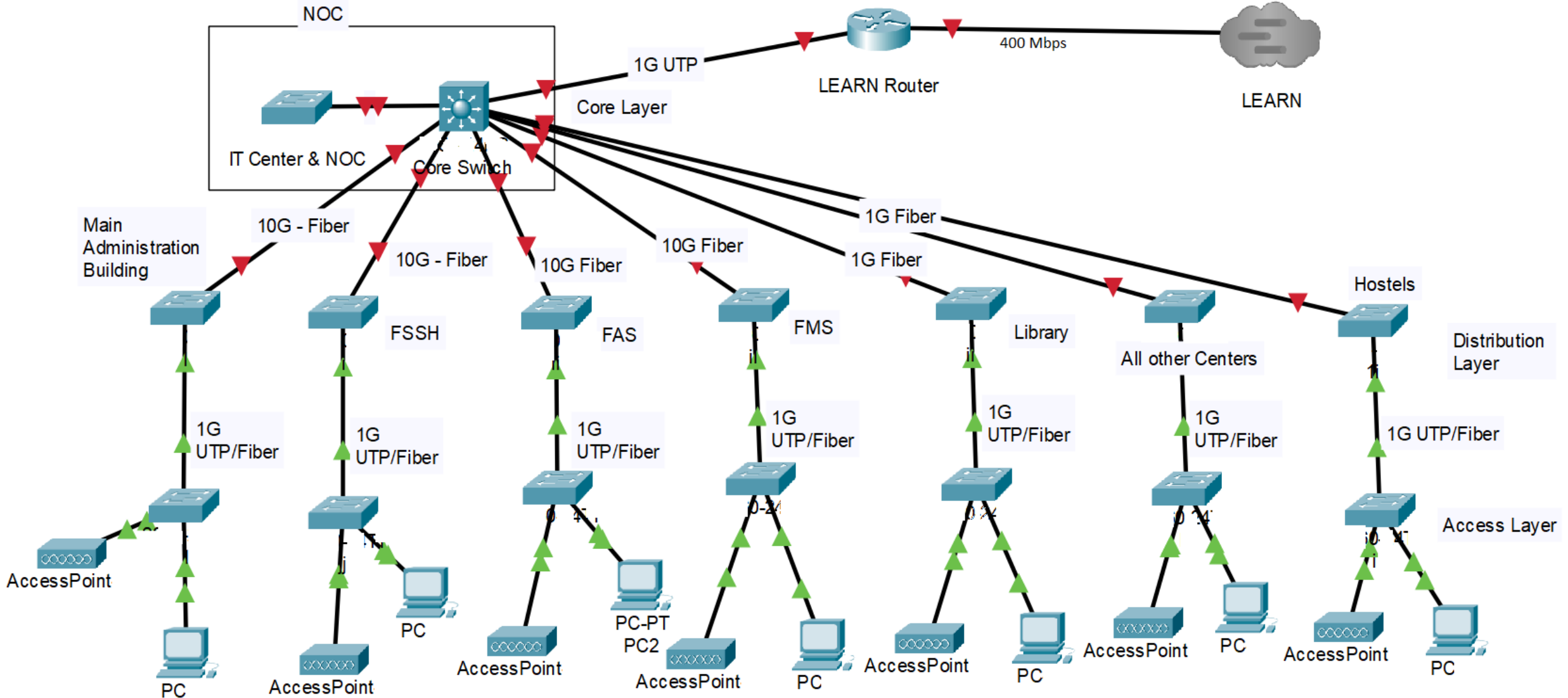
# Main Link - Mihintale

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- Bandwidth – 400 Mbps (backup link 100 Mbps)
- Area covered by the link
  - Faculty of Management Studies
  - Faculty of Applied Sciences
  - Faculty of Social Sciences and Humanities
  - Main Administration Building
  - Center for Information Technology Services (NOC)
  - Library and Other Sections/Divisions/Centers



# Topology of the Network



# Services Provided by the Network

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- LMS
- Internet Facility
- WiFi
- MIS
- Email
- Digital Library Systems and Services
- ERP
- LDAP/ IDP
- VPN
- File Sharing

# Current Operation

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- 400 Mbps is not enough to cater the user demand
- Need to be increase to twice (800 Mbps) – already obtained the approval to increase the bandwidth
- Uses pfSense firewall



# Faculty of Agriculture - Puliyankulama

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- Has a link with 200 Mbps bandwidth
- About 400 users at the faculty
- Major services obtained from NOC at Mihintale

# Faculty of Medicine and Allied Sciences - Saliyapura

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- Has a link with 200 Mbps bandwidth
- About 500 users at the faculty
- Major services obtained from NOC at Mihintale



# Faculty of Technology - Mihintale

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- Has a link with 100 Mbps bandwidth
- About 600 users at the faculty
- Major services obtained from NOC at Mihintale

# Future Plans

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- Increase the bandwidth of the main link from 400Mbps to 800Mbps
- Obtained LEARN connection for the following locations
  - Professor Unit – Base Hospital, Anuradhapura
  - Center for Distance and Continuity Education (CDCE) – Anuradhapura
- Expand the LAN to newly constructed Buildings of Faculty of Technology



Thank you

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