University of Ruhuna

by

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University of Ruhuna

- University of Ruhuna consist of 8 faculties located at four different locations.
  - Wallemadama – Matara.
    - Main Administration complex
    - Faculty of Science
    - Faculty of Marine science and technology
    - Faculty of Management
    - Faculty of Humilities and Social Science
    - Faculty of Post graduate studies
    - Main Library

UoR Cont...

- ## Faculty of Agriculture
  - Mapalana – Kamburupitiya
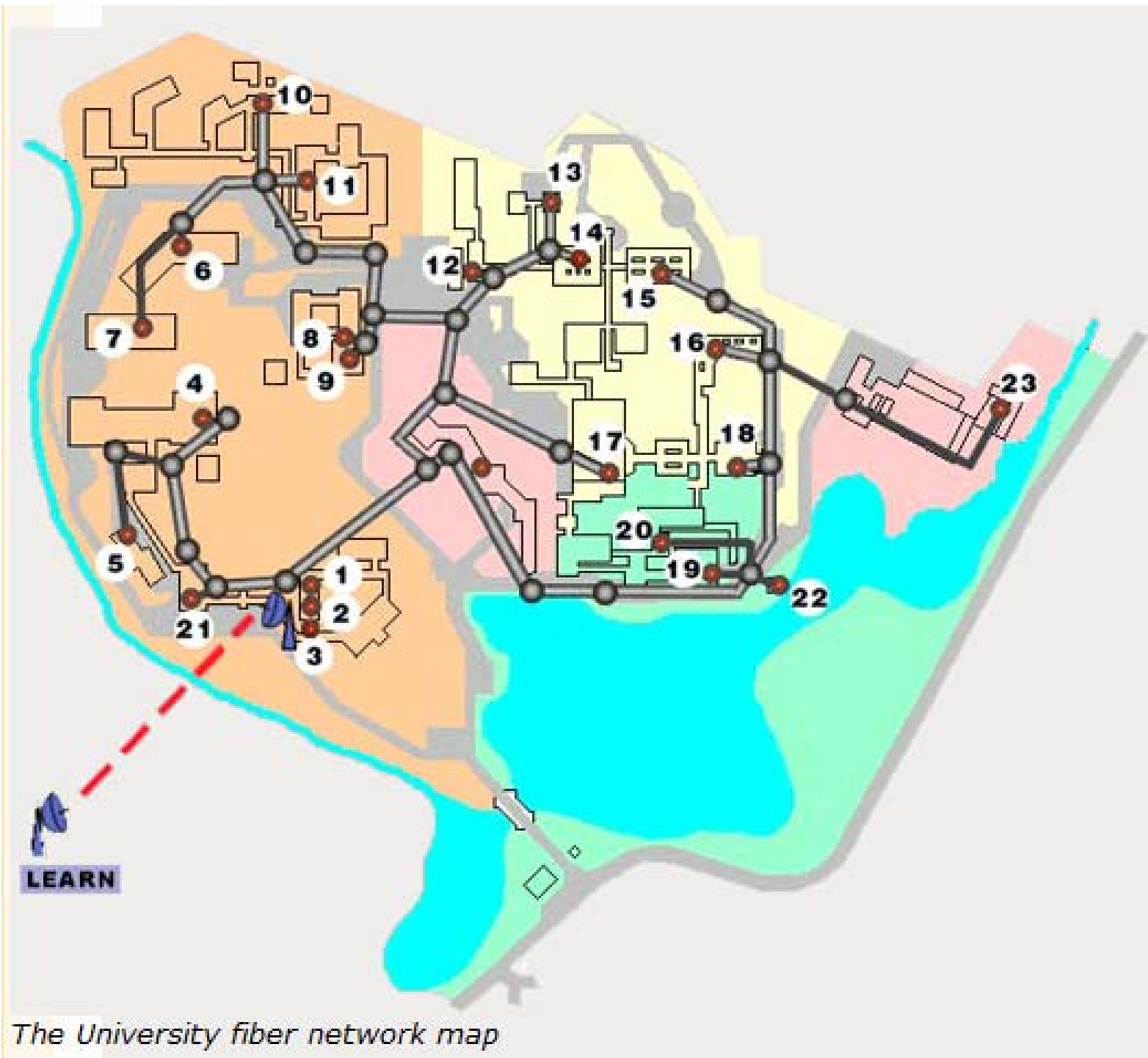
- ## Faculty of Engineering
  - Labuduwa – Galle

- ## Faculty of Medicine
  - Karapitiya - Galle

Connections to Academic Network

- Separate leased line connection to individual locations from LEARN.

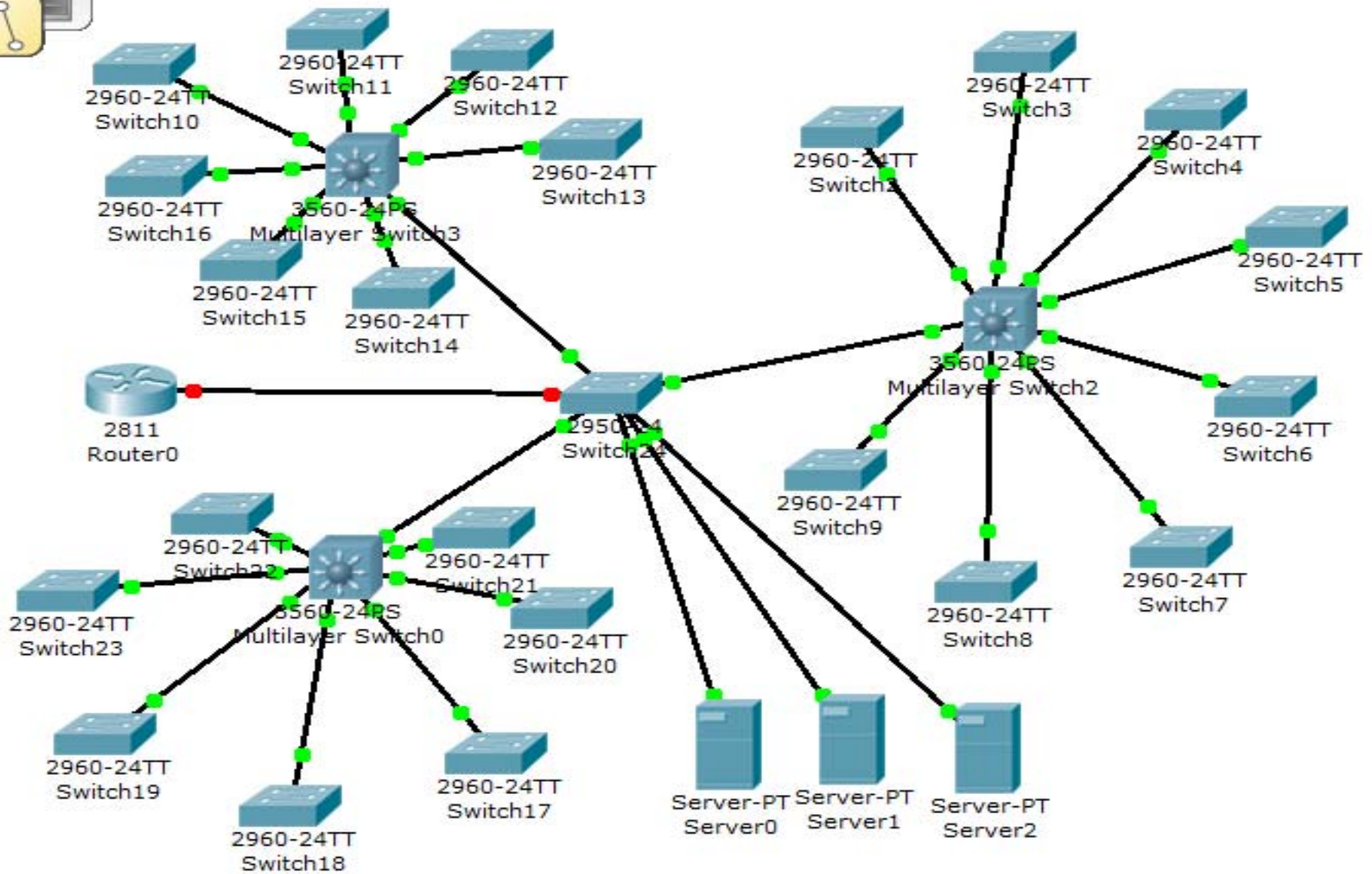| Location	Local Link Capacity	Internet Link Capacity
Wallemadama	100 Mbps	60 Mbps
Agriculture	50 Mbps	32 Mbps
Engineering	50 Mbps	32 Mbps
Medical	50 Mbps	24 Mbps

The University fiber network map

LEARN

Network Topology – Wallemadama Site

Topology Cont....

- 19 fiber connections from the core switch
- 18 fiber extensions from IDF (Intermediate Distribution Frame)
- Nearly 30 UTP extensions from IDF
- Use nearly 150 L2 switches
- 3 L3 switches
- 6 wireless access points
- 1 firewall
- More than 30 servers

Network Services

- DNS Service (managing ruh.ac.lk domain)
- Web Service
- Email Service / Email relaying
- Proxy Service
- LMS Service
- FTP Service
- VoIP Service
- Video Conferencing Service
- Antivirus Service
- Streaming Service
- Fully automated Library system
- Network Monitoring/Traffic Monitoring Service
- Management Information Service (In-house development)

Other Services

- Preparing specification for network related devices.
- Representing technical evaluation committee
- Consulting other departments to develop their internal network and terminate new network connections (UTP) jointly work with maintenance unit.
- Conducting awareness programs

Future Developments

- Upgrade fiber backbone
- Setup the fully controlled wireless network for all students and staff.
- Virtualized our servers

- SLT story

Thank You

Any Questions ?