DEVI AHILYA VISHWAVIDYALAYA, INDORE
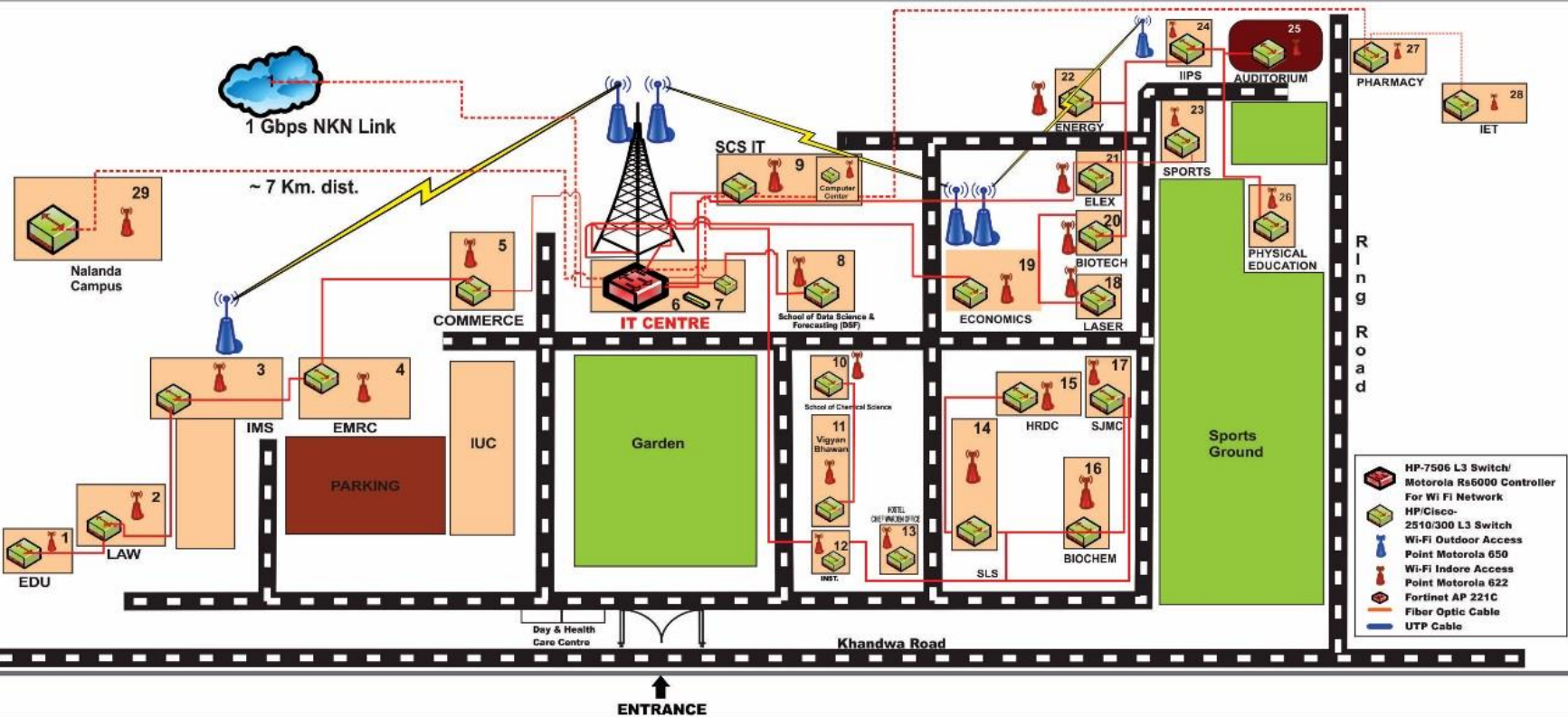
Vital Statistics about DAVV IT Infrastructure (DAVVNET)

➢ Network Coverage
  ➢ Two Campuses, 38 Buildings, 12 Hostels
  ➢ Three Networks Covering
    - Campus Wide Network
    - Campus Wi-Fi Network
    - Hostel LAN
	➢ Application Services:
	  - University Admission Information System
	  - University File Tacking System
	  - Requirement and Information Gathering System
	  - University Time Table and load management system
	  - Student Information System

➢ 45 Departments Interconnected	➢ 9000+ Users
➢ 1 GBPS Internet Leased line through National Knowledge Network (NKN)	➢ 1000 Mbps Internal Bandwidth
➢ Router Juniper M10i	➢ Fiber Optic Cable Length : -16 KM
➢ Firewall: Fortigate-300 D UTM, :Cisco ASA 5520, Cyber roam 1000i	➢ UTP Cable Length : - 100 KM
➢ Core Switch HP7500 Series	➢ Structured LAN Cabling
➢ Edge Switches 248 Nos. (HP,HP, Aruba, Cisco, D-Link, Digisol)	➢ 5000+Connections on DAVV Network ➢ (2050 , New Connections 2950)
➢ Wi-Fi Network Controller-2 No. (Motorola RFS-6000), 1 No. (Fortinet Controller Fortinet 300D) ➢ Wi-Fi Access Point-6 Nos. (Motorola AP-650), 36 Nos. (Motorola AP-622), 36 Nos. (Motorola AP-650), 125 Nos. (Fortinet AP-221C)	➢ Servers: Mail Server (mail.dauniv.ac.in),Web Server (www.dauniv.ac.in), LDAP, DNS , DHCP,User Identification (ID Server), Bandwidth Monitoring Server (MRTG),Research compendium , Library Server,
➢ Controller based Wi-Fi Connectivity in UTD's at Takshashila Campus and Nalanda Campus	
➢ Total Investment Rs. More than Rs. 8 Crore	
➢ DAVV-NTPC Foundation ICT Centre for Visually Challenged Persons.	

DAVV Campus Network Layout

Devi Ahilya Vishwavidyalaya, Indore
Takshashila Campus-wide Network Layout

DAVV University Fiber Route Diagram

Ramabai Girls Hostel
NEW C V Raman Girls Hostel
C V Raman Girls Hostel
NEW Kamla Nehru Girls Hostel
Kamla Nehru Girls Hostel
IIPS
Jawaharlal Nehru Boys Hostel

125 M — 125 M — 125 M — 125 M

800 M

Physical Education

2 K.M

Energy

Bapna Hostel
IT Center
CC

Jagdish Chandra Basu Boys Hostel
Ravindranath Tagore Boys Hostel

900 M

Pharmacy College

800 M

SCS

Electronics

Vigyan bhavan

Biotech

IET Girls Hostel

SoE

LAW

ASC

Instrumentation

Laser

IET Eng.

700 M

800 M

EMRC

IMS

Ground

School of Life Science

Biochem

Academic Building

Legend

University Buildings

Existing Fiber

Existing Cat 6 Cable

Proposed Fiber

University Campus Road

Highway Road