

ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
University of Mysore

Information & Communication Division (ICD)



Manasagangotri, Mysore - 570 006 India

ABOUT ICD

It was in the year 2004, approval from the University Syndicate Authority to implement UGC Infflibnet programmes to coordinate, provide technical support Information and Communication Division(ICD) was established. ICD acts as central processing system for all Information Technology(IT) related activities in University of Mysore. Maintaining campus Wired & Wireless networks, Web Server, Mail server, E-procurement Portal owned by Karnataka Government for tender related activities, Desktop Computer support are the facilities being processed through ICD. Knowing importance of the ICD, University has established centrally located, well equipped, secured DATA CENTRE (Main Server Room) in Department of Studies in Computer Science. DATA CENTER is the storage container of valuable High Performing equipments like ;



- IBM Blade Servers
- IBM Blade Chasis Server
- HP Proliant Server
- Network Brocade Fastron Core Switch
- Sonicwall UTM Firewall
- 4ipnet Wireless Controller



Shortly e-governance as a feature is also being powered into the facilities.

About ICD Staff



Prof. G Hemantha Kumar ; System Coordinator : He is the Chairman Department of Studies in Computer Science who is the coordinating person of all ICD activities. Owing to his continuous support and endeavours, ICD has grown as the main HUB of the University in IT related activities.

Manjunath.M ; System Administrator : Specialization : Hardware and Networking.

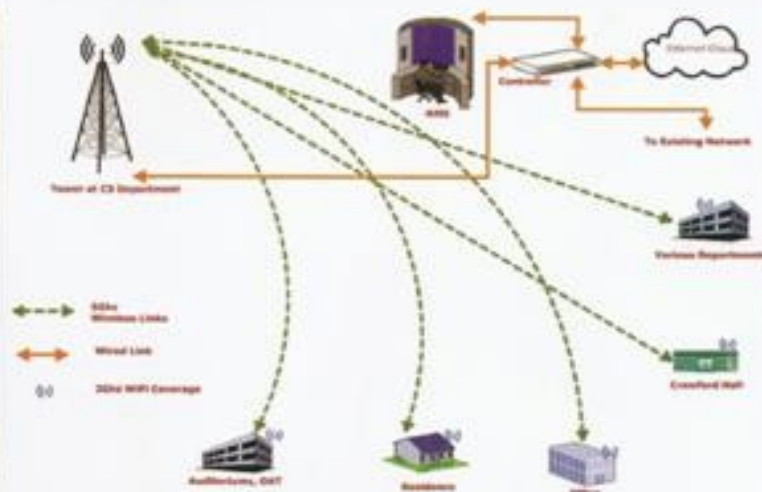
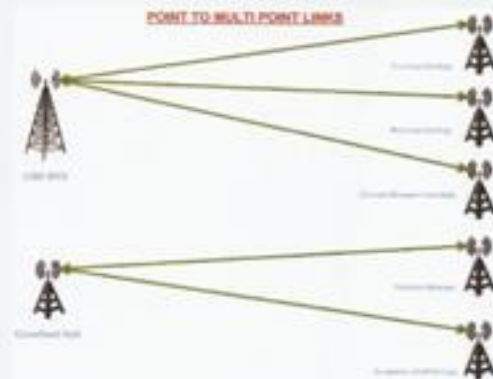
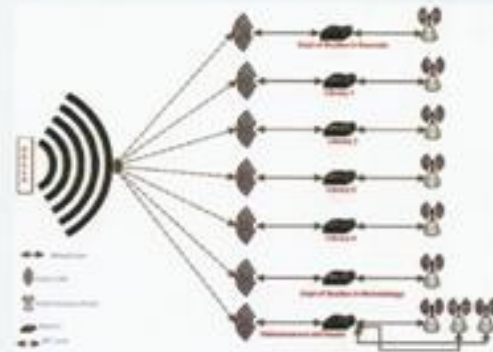
Girish.G.R ; Computer Hardware Technician : Specialization : Campus Wide Internet Service and Maintaining e-procurement (e-tendering) process of the university.

About Campus Wide Wireless Networking

The University of Mysore is the first University which has deployed the Campus wide Wireless Network using 100ft Triangular Tower with Carrier Class Wave, through MIMO (Multi Input & Multi Output) Technology.

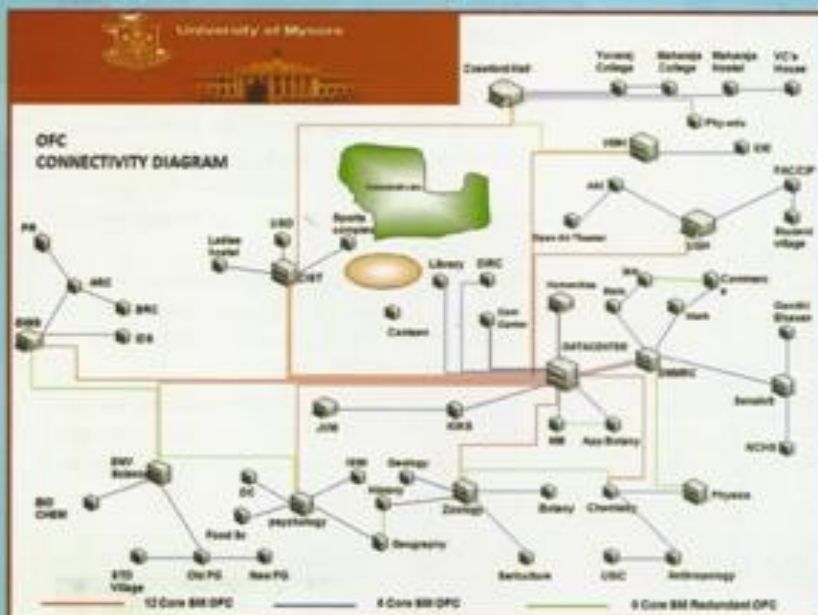
Features of Wireless Networking

- Secure Network
- Independent User Authentication
- 150Mb Full Duplex Network
- 1.2Gb capable BTS
- Reachability
- Seamless Roaming
- Remote Ticket Generation
- On Demand Ticket/Bandwidth Policies
- Controller based Modules architecture
- Open standard based network architecture
- Multimedia capability of streaming audio, video and data
- Layer 3 authentication
- Future IPV6 standard protocol
- Reporting
- Gigabit Ready Network
- 24/7 Availability
- Admin Defined Group Based Policies
- User Logs
- White Listing for VIP's
- Customizable Login Pages for Different Groups



About Campus Wide Wired Networking

- Wired Network architecture is designed as a fully secured network which is managed intelligently and comprehensive and user friendly environment with open standards.
- All the 55 blocks inside and outside the campus are provided with centralized data center connectivity.
- 10GBE Connectivity for more than 15 blocks inside the campus has been provided with the network.



*Wired Network Rack
Core Switches, Juniper Router,
Sonycwal Firewall,
Brocade Global Switch etc*

Campus Wide Wired Network Schematic Diagram

- More than 65 VLAN'S will be configured in the Network
- Authentication based access to the network.
- IPV6 Standard Maintained
- Video conferencing facility enabled network.
- High availability: The network level redundancy is automatic and manual intervention for switch-over of the links is provided.
- OFC backbone with P2P physical connection are individually connected to each department in the campus.

Contact

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