

For Wide Circulation

Office of the Director
(CWN and Internet Services Section)
Computer Centre, A.M.U.

D. No. 61/CC

Dated:28.04.2016

Circular

To: All Departments/Offices/MICs//IT-Focal Points

Guidelines: For AMU Campus LAN and W-LAN within Buildings

To get best performance, reliability and ensure cyber security on AMU network all the department are required to follow the below mentioned guidelines to procure the network devices from the local purchase.

[A] HUBSs: No HUBs should be connected to Campus LAN of AMU.

No HUB should be connected to AMU Campus Network, as it is a major source of issues to the network performance:

- Cause wastage of precious Internet Bandwidth
- Adds to Network Security Vulnerability
- Not suitable for large networks like AMU

[B] Switches: Only managed switches must be used

- a. No Unmanageable Switches should be connected to AMU Network, as it is causing multiple issues to the network performance.
- b. All Access Switches should be Managed L2 Switches Compatible with existing Network Devices like Core Swith (Cisco 6500 Series), Distribution Switches (Cisco 4500 and 3700 Series) and Edge Switches (Cisco 3500 and 2900 Series) currently deployed at Network Operations Control Room of Computer Centre.
- c. Department/Offices may choose from any of the following depending on their requirement and budget available at their disposal:
 - i. **24 - Port Managed L2 Switches**
 - *24 Ethernet 10/100 ports Managed Switch with 8 PoE ports and two 10/100/1000TX uplinks.*
 - OR*
 - *24 Gigabit 10/100/1000 ports Managed Switch with 8 PoE ports and two/four 10/100/1000TX uplinks*
 - OR*

