

Computer Centre (Hardware)

Vision, Mission and objective of Computer Centre:

The Computer Center, Hardware of the University provides Computer and Networking related support to all departments in the University. The Computer Center provides technological support to the activities which are conducted at various Schools, Divisions, and Department of the University. The Engineers which are working in the Computer Centre (Hardware) have to update their Hardware and Network related knowledge continuously, adopting latest technology with self-learning and incorporate this technology in the University. The Computer Centre is doing in-house Hardware Maintenance of all Computer and other peripherals.

Networking: The Computer Centre has established Campus Wide Networking in YCMOU campus by connecting all building in campus by Fiber optic cable with Gigabyte backbone capacity. The Computer Centre has been doing maintenance of around 1300 nodes of LAN and more than 75 Active components like Router, Security Switches, L2 and L3 managed Switches.

Information on the activities conducted by the Centre:

- The Computer Centre, BSNL Nasik and NIC Pune installed 1 GBPS internet connectivity under NMEICT Project to provide fast internet connection to all users in the University Campus.
- The Computer Centre has done Networking in Main Building, Library, Studio, YASH INN, Guest House, Yash Bharati with around additional 223 Nodes and 28 Active Components under NMEICT project and laying around 1.39 KM Fiber Optic Cable.
- The Computer Centre provides Fast internet connection to the University staff members by using 1 GBPS leased line and Proxy.

Maintenance, Troubleshooting and Network Administration related activities:

- Maintenance of Active components like Routers, Switches, Access Points, Security Switches which is installed in YCMOU campus.
- Administration and Maintenance of 1 GBPS Internet connection and 16 MBPS RF connection and Juniper M10i.
- Solve all problems related to Router, Switches and cabling.
- Check connectivity between all switches and Servers in YCMOU campus
- Troubleshooting problem related to passive components like Information Outlets, Patch Panels, Network cable etc.
- Configuration of Broadband Internet Connection.
- Design and prepare technical specification of Networking Product, tender Documents.
- Campus wide Networking under NMEICT project by connecting all buildings by Fiber Optic Cable in RING topology.

Maintenance of Computers, Printer and Other Peripherals:

I.

- Attending daily calls as per call slips
- Hardware installation / Reinstallation
- Hardware checking and Diagnosis
- In-house repairing , checking , fault finding and repair hardware materials
- Check and proper control for virus attack. Down load update patches, update file from Internet and install new patches on all workstation
- Preventive maintenance of all Hardware's

II. Software related activity :

- Installation of Operating systems like Windows 8, Windows 7 & XP Professional and other Software and Hardware drivers as per user requirement like Microsoft Office 2010 & 2007, Printers , Scanners , Network Card drivers.
- Installation of Security patches and Antivirus Software
- Trouble shoot problem related to Soft wares