



Netaji Subhas Open University

School of Professional Studies

Regional Campus, Kalyani

Details of Computer Lab

Date of establishment: April 06, 2016

Hardware Specifications:

- Punching 33 I/O and Fix 33 face plate.
- Casing of Electrical point of 66
- Punching the 2 patch panel of 33 keystone
- Connect 2 patch panel (24port),2 cable manager,2 Netgear switch (24 port).1 power manager Modem Tray,33 patch cable from patch panel to switch and one up-link from switch to switch
- Cable laying of Lan for 33 nodes
- Set 33 pcs monitor, keyboard, Mouse, Enson 3300 and also patch cable from Enson to I/O
- Casing & Cabling a single cable from there I/O to our switch for taking Internet Connection.
- Fortigate 50E is fix on the modem tray
- Enter into the Microsoft License portal and download the winserver2012 license & download Microsoft office10 license
- Download the device call and user call License
- Activate the Device call in Server2012 RDP licensing
- Configure 33 thin client and connect through server
- 5KVA Ups is installed with one hour back up time.



State-of-the-Art Computer Lab, School of Professional Studies, Kalyani Campus

Software Specification:

- Install the OS in the server Win2012 server
- Installed Driver Solution.
- Customized UBUNTU is installed in LAMP architecture. To support practical classes of various departments of Professional studies subject related software are embedded. Mostly FOSS based Library Management software are installed to support different practical classes of library and information Science.

The Thin Client Solution we setup a machine with good processing power & RAM as a SERVER. All software programs are loaded on the SERVER. The NODES (without any hard disk and with minimal processing power) are connected together through a standard RJ45 Networking. The Nodes use the computing power of the server and thus allows to run high end applications with phenomenal performance.

The learners of the School of Professional Studies and other School of the University regularly attend the laboratory classes at Kalyani Campus.