

## 4.3.1: Institution frequently updates its IT facilities including Wi-Fi

### Details of Computers

Type	Make	Details/Configuration	Quantity	Date of Update(if applicable)	Nature of Update
Desktop	ACER	Intel®Pentium®-3.10GHz, 500GB HDD, 4GB RAM	215	December,2016	OS up gradation
	ACER / Foxin/ Assembled	Intel Core i3, 500 GB HDD, 4GB RAM	57	As and when required	OS/RAM/HDD upgradation
	HP	Z2 Workstation Intel Core i7, 1 TBHDD, 16GB RAM	4	As and when required	System up gradation
	Wipro/ HP/ Lenovo	Intel Dual Core /Core 2 Duo 240/320 GB HDD, 2/4GB RAM	123	As and when required	OS/RAM/HDD upgradation
	DELL Vostro	Intel Core i7 10700 @ 2.93 GHz, 512GB NVME2 SSD, 8 GB DDR 4 RAM	64	July 29, 2022	System up gradation
	DELL OptiPlex	Intel Core i7 12700T @upto 4.7 GHz, 512GB NVME2 SSD, 8 GB DDR 4 RAM	71	May 26, 2023	System up gradation

## Details of Servers

SL. NO.	SERVER	MODEL – SERIAL NO. – PRODUCT ID	PURPOSE	SPECIFICATION
1	HP ProLiant ML150 Gen9	ProLiant ML150 Gen9 – SGH638YN4M	Campus Firewall	CPU - Intel(R) Xeon(R) E5-2609 1.70 GHz System Memory – 16 GB Storage – 600 GBRAID Operating System – Ubuntu 20.04 (Linux)
2	Assembled Server	RC311BSKN111443 00279	LAN Router Campus Network Distribution	CPU - Intel(R) Corei7 2.5 GHz System Memory – 8GB Storage – 1TB Operating System - <del>Ubuntu</del> 20.04 ( <del>lin</del> )
3	DELL	Vostro - FRZKPQ3	DHCP Server	Intel Core i7 10700 @ 2.93 GHz, Storage – 512 GB NVME2 SSD, System Memory - 8 GB DDR 4 RAM Operating System – <del>Ubuntu</del> 20.04 ( <del>lin</del> )
4	DELL	Vostro - BNZKPQ3	WEB Server	Intel Core i7 10700 @ 2.93 GHz, Storage – 512 GB NVME2 SSD, System Memory - 8 GB DDR 4 RAM Operating System – <del>Ubuntu</del> 20.04 ( <del>lin</del> )

SL. NO.	SERVER	MODEL – SERIAL NO. – PRODUCT ID	PURPOSE	SPECIFICATION
5	Lenovo ThinkCentre	1S7569A19L901441	Name Server – 1 (NS1) <del>ENDNS</del>	CPU - Intel(R) Dual-Core E5200 2.5 GHz  System Memory – 2 GB Storage – 250 GB Operating System – Ubuntu 20.04 (Linux)
6	DELL	OptiPlex Micro 3000 Series - 5LL09X3	Name Server – 2 (NS2) BIND DNS Server	Intel Core i7 12700T @ upto 4.7 GHz, Storage – 512 GB NVME2 SSD, System Memory - 8 GB DDR 4 RAM Operating System – Ubuntu 20.04 (Linux)
7	IBM System x3300 M4	MT 7382 – 06TLMC9 – 7382IA4	Name Server – 3 (NS3) DNS Server	CPU - Intel(R) Xeon(R) 1.8 GHz  System Memory – 8 GB  Storage – 500 GB  Operating System - <del>Ubuntu</del> 20.04 ( <del>lin</del> )
8	Net-Gear (NAS) - File Server	RND-4E(RN21400) – 4FH3635300200	File Server Network Attached Storage Server NPTEL Video Dump	CPU - ARM Cortex A15 Quad core 1.4GHz  System Memory – 2GB  Storage – 36TB  LAN Ports - 2 Gigabit Ethernet LAN ports

## Details of UPS

S/L	Location	Dept	Vendor/Make	Capacity	Usage
1	CSE UPS ROOM-1	CSE	KIRLOSKAR	20KVA	Prog Lab-I,OT Lab,Projection Room
				10KVA	Faculty Room-1, HOD Room, OT Lab
				6KVA	Server Room
2	CSE UPS ROOM-2	CSE	KIRLOSKAR	10KVA	DBMS LAB
				10KVA	OS & NW Lab
				10KVA	Project Lab, Faculty Room2
3	CENTRAL LIBRARY	LIBRARY	KIRLOSKAR	600VA (15 Nos.)	CENTRAL LIBRARY
4	MBA Dept.	MBA	KIRLOSKER	25KVA	LAB-1,LAB2,LAB3,Faculty Room, MBA Dept.
5	Admin Dept	Admin	KIRLOSKER	10KVA	Admin Block
6	DSP LAB	ECE	KIRLOSKER	20KVA	For DSP,VLSI Lab Computers
7	Conference Room	ECE	KIRLOSKER	6KVA	Faculty Use

S/L	Location	Dept	Vendor/Make	Capacity	Usage
8	Computer Centre	Admin	KIRLOSKER	10KVA	ComputerCentre
9	Basic Science department, 2 <sup>nd</sup> floor	DESH	KIRLOSKER	10KVA	Different Labs, Faculty Rooms
10	Main Building, Ground Floor	For ADMIN labs	KIRLOSKER	60KVA	Different Labs of CSE , EE & ECE Departments (ADMIN).
11	Old Civil Building, Top Floor	For ADMIN labs	KIRLOSKER	60KVA	Different Labs
12	Main Building (Ground Floor)	EE	KIRLOSKER	10 KVA	Different Labs of EE Department
13	Main Building (Ground Floor)	EE	KIRLOSKER	6 KVA	Different Labs of EE Department
14	Main Building (Ground Floor)	EE	KIRLOSKER	6 KVA	Different Labs of EE Department
15	Admin Block	Admin Block	KIRLOSKER	20KVA	Admin Block

## Details of Software:

Name of Software	Version	Total User/ License
Adobe Multimedia Applications	Creative cloud ENT ALL MLP Ed subscription ALL OG K12 1S (65256952)	102
Microsoft Products (Windows,Office, Projectetc.)	Open value subscription agreement for education solutions	
Matlab	Matlab 2016b	10
Simulink		10
Signal Processing tool box		5
control system toolbox		5
symbolic math toolbox		5
Staad Pro	8i	5
Linux	CentOS 6.2, Ubuntu 20.04 LTS, 22.04 LTS	
Oracle	Database Server 11g, Instant Client 19c (Open Source)	
MULTISIM(VHDL ADD ON TO MULTISIM)		5

Name of Software	Version	Total User/ License
COMM SIM		5
MATLAB CDKIT for windows release 12.1, MATLAB 6.1 DOCKIT DONGLE	6.1	
ETAP Software CD KIT (VER-4.0)CD KEY: 17Z-JMS-60B ETAP Power Station H/W Lock No: 1410-02-3602	4	H/W Lock No: 1410-02-3602
Software PS Cad 4.0.1	4.0.1	
PSIM Version Latest( 5User)		5
ETAP VER- 5.5.0 - Single User	5.5	1
Mi-Power Software - 5 Network user - VER-6.0	6	5
Matlab		25
ETAP Modules 16 (or laest)50 Bus, 7 Modules		10
AUTOCAD	2017, 2024 STUDENT EDITION	FREE DOWNLOADED FROM AICTE AUTODESK (125 User)
Seqrite Endpoint Security	EPS Internet Security	110 Users
Quick Heal Antivirus	Total Internet Security	15

  
 Principal  
 Siliguri Institute of Technology