

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 | 250 | December,2016 | OS up gradation |
| | LENOVO | Dual Core/Core i3, 320/500 GB HDD, 2/4 GB RAM | 35 | As and when required | OS up gradation |
| | ACER | Intel Core i3, 500 GB HDD, 4GB RAM | 33 | As and when required | OS/RAM/HDD up gradation |
| | HP | Dual Core, 250/500 GB HDD, 1/2 GB RAM | 28 | As and when required | OS/RAM/HDD up gradation |
| | Assembled | i3,500 GB HDD, 4GB RAM | 46 | As and when required | OS/RAM/HDD up gradation |
| | Wipro | Intel Core 2 Duo, 2.93 GHz, 250/500 GB HDD, 1/2 GB RAM | 47 | As and when required | OS/RAM/HDD up gradation |



Details of Servers

| SL. NO. | SERVER | MODEL – SERIAL NO. – PRODUCT ID | PURPOSE | SPECIFICATION |
|---------|---------------------|---------------------------------|--|--|
| 1 | IBM System x3200 M3 | MT 7328 – 99E5571 – 7328I6S | Name Server – 1 (NS1) for lms.sit4u.net DNS Server, Proxy Server, Web Server | CPU - Intel(R) Xeon(R) 2.4 GHz System Memory – 4 GB Storage – 250 GB Operating System – Cent OS 6.2 (Linux) |
| 2 | IBM System x3200 M3 | MT 7328 – 0652195 – 7328I6S | Name Server – 2 (NS2) Backup - DNS Server, Web Server | CPU - Intel(R) Xeon(R) 2.4 GHz System Memory – 4 GB Storage – 250 GB Operating System – Cent OS 6.2 (Linux) |
| 3 | IBM System x3300 M4 | MT 7382 – 06TLMC9 – 7382IA4 | Name Server – 3 (NS3) for lms.sit4u.net DNS Server, Web Server, DHCP Server | CPU - Intel(R) Xeon(R) 1.8 GHz System Memory – 8 GB Storage – 500 GB Operating System – Cent OS 6.5 (Linux) |



Siliguri Institute of Technology

P.O. SUKNA, SILIGURI, DIST. DARJEELING, PIN : 734009
Tel : (0353) 2778002 / 04, Fax : (0353) 2778003
e-mail : sit99@rediffmail.com
sitsiliguriwb@yahoo.com

| SL. NO. | SERVER | MODEL – SERIAL NO. – PRODUCT ID | PURPOSE | SPECIFICATION |
|---------|------------------------|----------------------------------|------------------------------|--|
| 4 | Lenovo ThinkCentre | 1S7569A19L90144 1 | Quick Heal Anti-Virus Server | CPU - Intel(R) Dual-Core E5200 2.5 GHz System Memory – 2 GB Storage – 250 GB Operating System – Windows 7 |
| 5 | HP ProLiant ML150 Gen9 | ProLiant ML150 Gen9 – SGH638YN4M | Internet Gateway Server | CPU - Intel(R) Xeon(R) E5-2609 1.70 GHz System Memory – 16 GB Storage – 600 GB RAID Operating System – Ubuntu (Linux) |
| 6 | Assembled Server | RC311BSKN111443 00279 | Internet Gateway Server | CPU - Intel(R) Core i7 2.5 GHz System Memory – 8GB Storage – 1TB Operating System - Cent OS7 (Linux) |



| SL. NO. | SERVER | MODEL – SERIAL NO. – PRODUCT ID | PURPOSE | SPECIFICATION |
|---------|------------------------------|---------------------------------|---|---|
| 7 | Net-Gear (NAS) - File Server | RND-4E(RN21400) – 4FH3635300200 | File Server Network Attached Storage Server NPTEL Video Dump ftp://192.168.14.245 | CPU - ARM Cortex A15 Quad core 1.4GHz System Memory – 2GB Storage – 48TB 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 |

| S/L | Location | Dept | Vendor/Make | Capacity | Usage |
|-----|---|----------------|-------------|----------|---|
| 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 |
| 8 | Computer Centre | Admin | KIRLOSKER | 10KVA | Computer Centre |
| 9 | Basic Science department, 2 nd 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 |



| S/L | Location | Dept | Vendor/Make | Capacity | Usage |
|-----|------------------------------|-------------|-------------|----------|---------------------------------|
| 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, Project etc.) | 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 16.04 | |
| | | |
| MULTISIM(VHDL ADD ON TO MULTISIM) | | 5 |



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sitsiliguriwb@yahoo.com

| 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(5 User) | | 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 STUDENT EDITION | FREE DOWNLOADED FROM AUTODECK (10 COPIES) |
| Seqrite Endpoint Security | EPS Internet Security | 110 Users |
| Quick Heal Antivirus | Total Internet Security | 15 |


Principal
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