

IT Infrastructure

(Availability of composite hardware, software, network resources and services required for the existence, operation and management of an institutions IT environment.)

a. Details of the composite hardware,

Computer

| S.N | PC Name | Features | Quantity |
|-----|----------------|---|----------|
| 1 | Laptop | Intel Core code, 2GB RAM, 500GB HDD, 15" LED Screen | 28 |
| 2 | Desktop | Intel Duel Core, 4 GB, 2GB, 500/1 TB GB HDD, 15" Screen, Keyboard & Mouse | 51 |
| 3 | HpSlimline CPU | Intel Core i3, 4GB Ram,500GB HDD Keyboard & Mouse | 10 |

| S.N | Server Name | Features | Quantity |
|-----|----------------------------|--|----------|
| 1 | Compaq Presario Branded PC | Dual core, 320GB, 4GB RAM Keyboard & Mouse Ubuntu Server, Print Server. | 1 |
| 2 | UMAX | Ubuntu Server Version, Intel Core i5 processor, 4GB RAM, 12GB Ram, 2TB Hard disk Keyboard & Mouse. | 2 |

Multimedia Tools

| S.N | Product Name | Quantity |
|-----|--------------|----------|
| 1 | Web Camera | 12 |
| 2 | Headphone | 20 |
| 3 | FAX | 1 |

Printers

| SL No. | Model Name | Quantity |
|--------|---------------------------------------|----------|
| 1 | Canon MF 4320-4350 All in One Printer | 1 |

| | | |
|----|--|---|
| 2 | Canon MF 3300 | 4 |
| 3 | HP | 1 |
| 4 | Canon 2900 | 1 |
| 5 | HP Photo Smart All in One Colour Printer | 1 |
| 6 | Canon IR3025 All in One Printer | 1 |
| 7 | Canon 6230dn | 1 |
| 8 | Canon LBP 151DW All in One | 1 |
| 9 | Canon MF244d All in One | 1 |
| 10 | Canon Scanner | 1 |

b. Composite network resources & services

Switches

| SI No. | Model Name | Port | Quantity |
|--------|--------------------------|------|----------|
| 1 | Cisco Catalyst 2950 | 24 | 1 |
| 2 | D-link DES-1024A | 24 | 1 |
| 3 | D-link DES-1024D | 24 | 3 |
| 4 | D-Link DES-1008A | 8 | 5 |
| 5 | Netgear | 24 | 1 |
| 6 | Edge Core Switch ecs2100 | 8 | 1 |

Services:

1. Firewall PfSense

Modem

| S.N | Model Name | Service Provider | Quantity | Bandwidth |
|-----|--------------------|------------------|----------|------------|
| 1 | MARO TEK ECAT-04R | Vodafone | 1 | 4Mbps(1:1) |
| 2 | Digisol DG-BG 1000 | BSNL | 1 | 5Mbps |
| 3 | TP LINK TD-W8901g | BSNL | 1 | 5Mbps |
| 4 | BSNL Fibber | BSNL | 3 | 60Mbps |
| 5 | Rack With Mux | Vodafone | 1 | 20Mbps |

Biometric

| S.N | Model Name | Quantity |
|-----|--------------------------|----------|
| 1 | Biometric System Identix | 1 |

Wireless Routers & Access Point

| SI No. | Model Name | Quantity |
|--------|-------------------|----------|
| 1 | TP-Link 3 Antenna | 10 |

| | | |
|---|-------------------|---|
| 2 | TP-Link 2 Antenna | 5 |
| 3 | TP-Link EAP110 | 2 |
| 4 | Cisco | 2 |

UPS

| SI No. | Name | Quantity |
|--------|-------------|----------|
| 1 | APC | 12 |
| 2 | Cyber Power | 5 |

Projector

| Brand | Model Name | Quantity | Features |
|------------|---------------|----------|----------------|
| Sony - LED | XGA VPL-DX120 | 6 | VGA, HDMI, AVI |
| Sony – LCD | SVGA VPL-ES5 | 4 | VGA, AVI |
| Benq – LED | LED | 1 | VGA, AVI |
| Sharp | DLP X305 | 1 | VGA, AVI |
| Sony -LCD | SVGA VPL ES4 | 1 | VGA, AVI |
| Acer – LED | ACER | 3 | VGA, AVI |
| Dell | Dell | 2 | VGA, AVI |
| Epson | Epson 108 | 2 | VGA, HDMI, AVI |
| Epson | EB-S41 | 3 | VGA, HDMI, AVI |
| | | | |

c. Composite software

| SL NO | Name of the Software | Function |
|-------|----------------------|-------------------------------------|
| 1 | Tally Erp 9.00 | Accounting |
| 2 | Ubuntu | Operating System |
| 3 | Adobe Reader | To View Adobe Documents |
| 4 | Flash Player | To View Flash Web Pages |
| 5 | Shockwave Player | To Play Shockwave File In Website |
| 6 | WinZip | To Open ZIP File |
| 7 | Java | To Run JRE File To Develop Java App |
| 8 | Mozilla Firefox | For Browsing |
| 9 | Chrome | For Browsing |
| 10 | File Transfer | To Perform FTP Operation |
| 11 | VLC | To Play Audio & Video |
| 12 | Quicktime | To Run Quick Time Files |
| 13 | Google Drive | To Upload Share & View Photographs |
| 14 | Macafee | To Secure PC |
| 15 | VLC | To Operate Movie Clip |

| | | |
|----|----------------|---|
| 16 | Sms Country | To Send Excel Sms |
| 17 | Gimp | Photoshop Software to Perform Image Open |
| 18 | Notepad | A Code Editor |
| 19 | Open Office | For Open And Edit Documents |
| 19 | eTimetracklite | Staff Attendance |
| 20 | Newgenlib | Library Automation |
| 21 | Moodle | Online Learning Management System for Sharing Lecture videos, Question Paper, Time Table , Quiz and Assignment |
| 22 | Knowledge Pro | Knowledge Pro is an enterprise wide solution that can be used as cross-platform software which covers all aspects of educational institutions offering maximum scalability. Knowledge-Pro is a user friendly software application for paperless management of administration in education institutions. It is designed for Educational Institutions to simplify the needs of the college administrations. |

Internet Connection

1. Vodafone lease line:4Mbps (1:1) Upgrade to 20 Mbps

This connection is used for Faculty and Non-Teaching staff though LAN.

2. ACT fibernet Leased Line 20 Mbps (1:1)

3. BSNL Broadband: 5Mbps - 2Lines (Total 10mbps)

This connection is used for Campus Wi-Fi and students.

Modem: Digisol & TP LINK (Wireless Modem)

4. BSNL Broadband Fiber: 60mbps – 5 Line

This connection is used for Campus Wi-Fi and students.

5. Operation and management of IT environment

Supporting staff are highly qualified. They are proficient in helping principal & other staff with administrative work and also like admission conduction of test. 1 librarian is well skilled to take care of the accession of the Library, has the competence Infrastructure – All networking functions for internal and external IT communications (router, hubs, firewalls, DNS servers, file servers Monitoring network health and alerting network personnel when an issue occurs with network resources (including storage, services such as email or file servers PC provisioning – Acquisition, configuration, management, break/fix, applications installation & configuration, upgrades of company approved desktop and laptop devices Maintain, manage, and add to the IT Infrastructure Library for the organization