

### **4.3.1 IT facilities.**

#### **Office of Information Technology (OIT):**

In 2008, a dedicated department was started to design and implement IT infrastructure. It is responsible for hardware and software design, development and maintenance.

**Online Admission System with Payment Gateway:-** The cashless payment of fees an Integrated Payment gateway for Admission System was introduced from *June 2017*.

The existing firewall, Cyberoam was upgraded in 2019, to Sophos-SG430, which supports 700 congruent users with better Internet speed and high security.

The College has its own centralized information software system for Administration and Academic Management.

A new high speed thermal printer was installed in *June 2018*.

An Upgrade of the WiFi infrastructure was done on *January 2018* by replacing 5 routers (with 2Mbps) and adding 2 Enterprise Router with high speed and higher configuration (1Gbps). The present Internet Bandwidth is 120 Mbps.

Audio-Visual room with state of the art Interactive Smart TV was added.

**Server/Storage/Intranet:** Separate NAS (Network Access Storage) 4 TB and 2 TB mirroring NAS for storing digital media of events.

**UPS:** Replacement of UPS was done in **2017** and **2020**. Currently it has 40 KVA systems to support power backup to the entire college for about 4 hours.

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