

**St. Joseph's College of Commerce (Autonomous)**

**163, Brigade Road, Bangalore – 560 025**

**Assessed and Re-Accredited with 'A' Grade by the National Assessment and  
Accreditation Council**

**Recognized by the UGC as College with Potential for Excellence**



**IT Audit Report**

**2014-2015**

## IT Audit 2014-2015

### Objective:

To evaluate the current IT facilities available and recommend necessary suggestions for upgradation.

### Procedure:

IT Audit & Assessment was undertaken by Mr. Ramesh Babu, Mr. Kumaresh Subramanian and Mr. Babu faculty St. Joseph's College of Commerce. A Report with findings and recommendations was submitted for further action.

The details of findings, recommendation and action taken is presented below:

### Report

Sl. No	Observations / Findings by IT Audit	Recommendations by IT Audit	Executions
1	Lab1 - 90 systems, Lab2-70 systems and other places including library - 60	Need more computers to provide access to everyone.	Scheduled the computer labs for general academic usage for Shift 1 and Shift 2 according to the given timings (Shift1- 11:00 am to 2:00pm and for Shift 2 2:00pm to 5:00pm)
2	All 220 computers are connected through LAN with unmanaged network switches.	Most of the network cables are Cat 5 and they should be upgraded to Cat 6 for better connectivity.	All the networking cables have been upgraded to Cat 6 and systems have been increased to 260.
3	College has 2 ISPs TCL which is 12 Mbps in speed and BSNL 10 Mbps speed, this can support 2500 devices in terms of connectivity.	The present bandwidth is not good enough for current strength of students in campus, therefore the team recommended higher bandwidth.	College has upgraded to total of 350 mbps (TTSL - 200mbps as primary), 100 mbps ACT and 50 mbps of Tikona connection)
4	Firewall in place	The capacity of present firewall is restricted to 100 users; therefore, the team recommended an upgradation.	College has upgraded the Firewall to 500 users Sophos version.
5	There are 40 Laser Printers (38 HP and 2 Nos. of Canon)	These are standalone printers, the team suggested for few network centralised printers.	2 Networked MFP printers have been deployed in office and library.

6	There are 41 Projectors placed in class rooms, AV rooms, Board Rooms and conference rooms.	The audit team suggested wireless presenter and projectors for few rooms.	Set up wireless presenter in the Board Room
7	Total No. of Wireless Routers is 15	The team suggested to increase the numbers of wireless routers across the campus for better connectivity.	Installed WIFI Routers in all floors, departments and corridors for ensuring wide coverage.
8	50 KVA Online UPS are placed in UPS Room for Backup supporting computers	The team Observed roughly 50 computers are not connected with the UPS in lab1. Suggested for upgradation	Proposal for purchasing 100 KV solar power has been sent to management for final approval. This should meet our requirement.
9	CCTVs are placed all over campus	The audit team observed that the CCTVs are very less in numbers and not installed everywhere. Therefore, more CCTVs were recommended.	Installed CCTVs in all parts of the campus.
10	7 Ricoh Photocopiers are placed in inappropriate locations.	The team suggested to go for additional printers as a backup for examination centre.	Additional printers have been purchased and installed in Exam Dept as a backup facility.
11	Digital Signage TVs are placed in all the floors for the purpose of electronic notification and announcements.	The team recommended Digital Signage TV's on all floors including the canteen.	Digital Signage TVs are installed in Library, Canteen and in computer lab.
12	Cloud based Biometric Attendance Systems	Upgradation needs to be done	Upgradation of Payroll has been implemented
13	Tally Accounting Software	The team recommended the purchase of upgraded version of tally in both the computer labs.	Latest version of Tally9ERP 6.5 has been installed in both computer labs.
14	Microsoft Office	The team suggested to increase the license and upgrade to the latest version.	Regularly requesting members to use Open Office
15	SAP	The present SAP Business One is video based e-Learning software. The team suggested to go for licensed version of	Implemented

		SAP R3 Platform for marketing and finance modules.	
16	IBM Server with Intel® Zeon CPU E5507@2.27Ghzs, 4GB RAM,250 HDD	Higher configuration is needed	Purchased high end configuration of IBM Blade Server, Dell Server

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**Principal**

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