IT Facility Description in 200 words

The Information Technology Department is furnished with state of the art facilities. The BSc IT lab has a total of 60 computers(plus 01 for administrative purposes) for conducting practicals across all the three years of the course. All the computers in the lab have access to the internet via LAN and WiFi facilities. The LAN is extended to the lab via four switches installed at the main and the mezzanine labs. The Operating System installed on the computer systems is Windows 10 with RAM ranging from 2 GB to 16 GB. Several cutting edge softwares like PowerBI, QuantumGIS, Android Studio, Cordova, NodeJS; along with conventional softwares like Turbo C, Oracle , JDK etc are installed on the computers for practical purposes. The computers are also equipped with IDEs like Python IDE and Net Beans and simulators like Proteus and Keil. The IT lab also has 24 Raspberry Pi Toolkits for the conduct of Internet of Things practicals. Most of the softwares used in the lab for practical purposes are open-source softwares. The lab has five laptops, two movable projectors and one wall mounted projector that is installed in the main lab. All these facilities enable the smooth conduct of lectures and practicals.

Maintenance of software, piracy issue, purchase date (How they handled)-Not available in the Department

Networking of computers state of art- 61 Computers are connected in LAN via 4 LAN switches. The LAN is also connected to a WiFi enabled router for internet purposes. Internet connection is upgraded to a high speed fiber optic line with 50Mbps bandwidth .

CCTV surveillance facility details with bill-Not available in the Department

UPS Facility at location- 3 UPS available in IT department

Cyber security, antivirus/internet access/Blocking of websites policy measures- Not available in the Department

Wi-Fi Bandwidth certificate- 50Mbps

Hardware configuration with the Excel of Inventory and Stock register-Attached Below+Stock register is maintened at department level

LMS implementation- The department is using google classroom as an LMS tool which is implemented from the academic year 2020-2021. Division wise classrooms are made in the LMS. Every Student and Teacher is a member of the assigned google classroom. The tool is used for conducting online lectures, sharing study material, assignment evaluation and conducting class tests. The students also can access recorded lectures through Google Classroom if one missed the online session.

Department of Information Technology

Number of equipment in IT laboratory (Room No 221)

SET -I Right Hand Side Group of PCs In Lower Lab		
1	Total No of PCs	20
2	CPU (Processor)	Core i5
3	RAM	8 GB
4	Hard Disk	500GB

SET -II Left Hand Side Group of PCs In Lower Lab		
1	Total No of PCs	20
2	CPU (Processor)	Core i3
3	RAM	4 GB
4	Hard Disk	500GB

SET -III Upper Lab Group of PCs		
1	Total No of PCs	20
2	CPU (Processor)	Core2Duo 2.4
3	RAM	2 GB
4	Hard Disk	160 GB

Projector		
1	Total number of projector (Wall mounted) in IT Lab	1