

**LAXMI CHARITABLE TRUST'S**  
**SHETH L. U. J. & SIR M.V. COLLEGE OF ARTS, SCIENCE AND COMMERCE**  
Dr. S. Radhakrishna Marg, Andheri (East), Mumbai - 400 069

**ACADEMIC YEAR 2023 – 2024**  
**IT Facilities in College Computer Labs.**

Sheth L.U. J. and Sir M.V. College, Andheri (East), Mumbai is constantly enhancing and fortifying its information technology infrastructure. Projectors have been added to additional classrooms and laboratories to expand these facilities. It has facilitated improving the teaching and learning experiences for instructors and students using ICT. The college offers a sophisticated IT infrastructure. The college has improved its on-site Wi-Fi capabilities (250 MBPS) for the academic years 2023–2024.

The College has well-equipped computer laboratories. The high-end computers in the lab serve as CAP Centre for teachers with a high-speed internet connection helping in the timely assessment of university examination papers. **BAMMC lab** on the first floor has 20 computers that are used for conducting BAMMC practicals. In addition to this, a facility of 2 LCD projectors and 1 printer, 1 Laptop and 3 computers for admin purposes is also available.

**IT and Comp Lab** situated on the ground floor (Room No. 007) is used by both BSc. I.T. and B.Sc. C. S. students. This lab has a total of 42 computers and 1 projector for conducting practicals across all three years of the course. All the computers in the lab have access to the internet via LAN and Wi-Fi facilities (plus 3 computer for administrative purposes). The Operating System installed on the computer systems is Windows 10 with RAM ranging from 8 GB. Several cutting-edge software like Power BI, Quantum GIS, Android Studio, Cordova, and NodeJS; along with conventional software 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 8085 microprocessor. The IT lab also has 15 Raspberry Pi Toolkits for the conduct of the 'Internet of Things' practical and 07 new 'Digital Electronics' kits for the Digital Electronics practical. Most of the software used in the lab for practical purposes is open-source software.

**The Computer Science Lab** situated on the ground floor (Room No. 005) is used by both B.Sc. C. S. and BSc. I.T. students. This lab has a total of 31 computers for conducting practicals across all three years of the course. All the computers in the lab have access to the internet via LAN and Wi-Fi facilities (plus 01 computer for administrative purposes). The Operating System installed on the computer systems is Windows 10 with 8GB RAM. Several cutting-edge software like Android Studio, Visual Studio, Scilab, Cisco Packet Tracer, R, and Unity along with conventional software 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 Logisim. The CS lab also has 18 Raspberry Pi Toolkits for the conduct of 'Internet of Things' practical. Most of the software used in the lab for practical purposes is open-source software.

There is 1 wall-mounted projector in each of these labs. One laptop and 4 movable Projectors are shared between the CS and IT Depts. All 4 labs are under CCTV surveillance. All these facilities enable the smooth conduct of lectures and practicals.

**CEC Centre:** Add-on courses and value-added courses are conducted in the Computer Education Centre after college hours. This lab has a total of 20 computers for conducting

courses. Students aiming to learn and upgrade their technical skills, enroll in various courses offered by the CEC and get benefitted.

**Library:** In Library 5 computers with internet facilities are made accessible for the students.

**Networking of computers** state of the art- 118 Computers in all 4 labs and library have access to the internet via LAN and Wi-Fi facilities. Internet connection is upgraded to a high-speed fiber optic line with 250Mbps bandwidth.

**CCTV surveillance facility details** - Available

**UPS Facility:** Not Available

**Cyber security, antivirus/internet access/Blocking of websites policy measures**-Only Anti-Virus available.

**Wi-Fi Bandwidth certificate**- 250Mbps

**Hardware configuration with the Excel of Inventory** -Attached Below

**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.

**Students Computer ratio:** There are four students per computer i.e., 4:1.

Total students = 518 and Computing Machines = 118

**College development committee minutes**- Available in Admin Office

**Quotation and Bills of the physical infrastructure purchase**-

<https://drive.google.com/drive/folders/1y9HWzpt07zHfb2OZNx7oosJrYtvHJjr?usp=sharing>

Department of Information Technology  
(Room No. 007 - IT and Comp Lab)

Sr. No	Particulars	Count/Configuration
1	Total No. of PC's	42
2	CPU (Processor)	i5
3	RAM	8GB
4	Hard Disk	256GB, 512GB, 1 TB
5	Total number of projector (Wall mounted) in IT Lab	1

Department of Computer Science  
(Room No. 005 - Computer Science Lab)

Sr. No	Particulars	Count/Configuration
1	Total No. of PC's	31
2	CPU (Processor)	Core i5
3	RAM	8GB
4	Hard Disk	256GB, 512GB, 1 TB
5	Total number of projector (Wall mounted) in CS Lab	1

Department of Multimedia and Mass Communication  
(Room No. 110 - Media Lab)

Sr. No	Particulars	Count/Configuration
1	Total No. of PC's	20
2	CPU (Processor)	Core i5-5, i7-5 & i3-10
3	RAM	4GB, 8GB, 16 GB
4	Hard Disk	512GB, 1 TB
5	Total number of projector (Wall mounted) in BAMMC Lab	1

Computer Education Centre  
(Room No. 101 – CEC Lab)

Sr. No	Particulars	Count/Configuration
1	Total No. of PC's	20
2	CPU (Processor)	Core i3-10 Core i5-10
3	RAM	4 GB, 8 GB
4	Hard Disk	512GB, 1 TB
5	Total number of projector (Wall mounted) in CEC Lab	2

Library  
(Room No. G-17 –Library)

Sr. No	Particulars	Count/Configuration
1	Total No. of PC's	05
2	CPU (Processor)	Core i3-05
3	RAM	4 GB
4	Hard Disk	500 GB