Scottish Church College uses Information and Communication Technology (ICT) in education for imparting enhanced teaching learning environment.

College has the following ICT facilities:

- **Overhead Projectors**: Classrooms are equipped with computerized projectors. Some of them are state of the art ultra-high definition short angles projectors.
- Smart Board: Some classrooms are fitted with latest technology smart board.
- Computer Laboratory: Dedicated computer labs are available in Mathematics, Physics and



Figure 1 Computer laboratory in the Physics Department with Ubuntu Linux OS 18.04 LTS.

Computer science departments.

- **Gigabit LAN Backbone**: College has robust CAT-6 1Gbps local area networks for distributing internets on different departments. Main building and Millennium buildings are connected via optical fiber cabling. Entire network is managed by a high-speed gigabit switches and **central sever** located in main building. External cyber threats are protected by Fortinet security software installed in the main server.
- WIFI Hotspot: College has free Wi-Fi access points in the campus.
- Dedicated Server for College: College has purchased dedicated cloud server for managing custom built college management system and LMS in order to server 2000+ students and 150+ staff.

Server has the following capacity:

OS: Linux Based Cent OS RAM: 4 GB CPU: 4 Cores Storage: 1 Tera Byte Network Bandwidth: 5 Tera Byte

• Learning Management System: Now College has custom built LMS hosted in dedicated cloud server. Apart from that we have google suite education which has google classrooms having unlimited space for content hosting.

- Online Attendance Application: We have custom built attendance application for student attendance and reporting.
- SMS Portal: Custom built SMS gateway for communicating information to the faculty, students etc.

SCOTTISH CHURCH COLLEGE LMS				Back to CMS Dashboard O Dr Apes Mutter (Supersidne) of logout	
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Figure 2 Custom built LMS for optimized learning environment

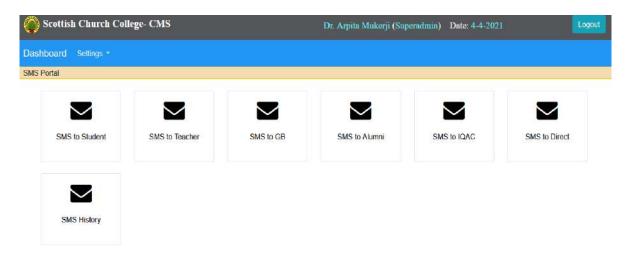


Figure 3 Custom built SMS Portal