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.
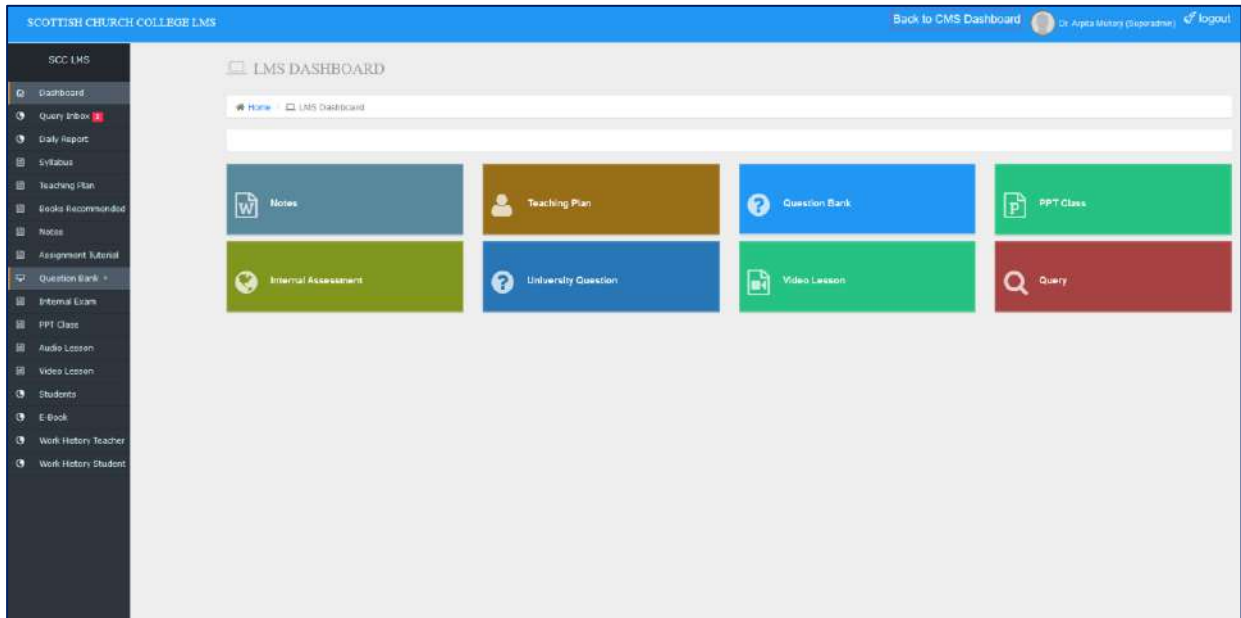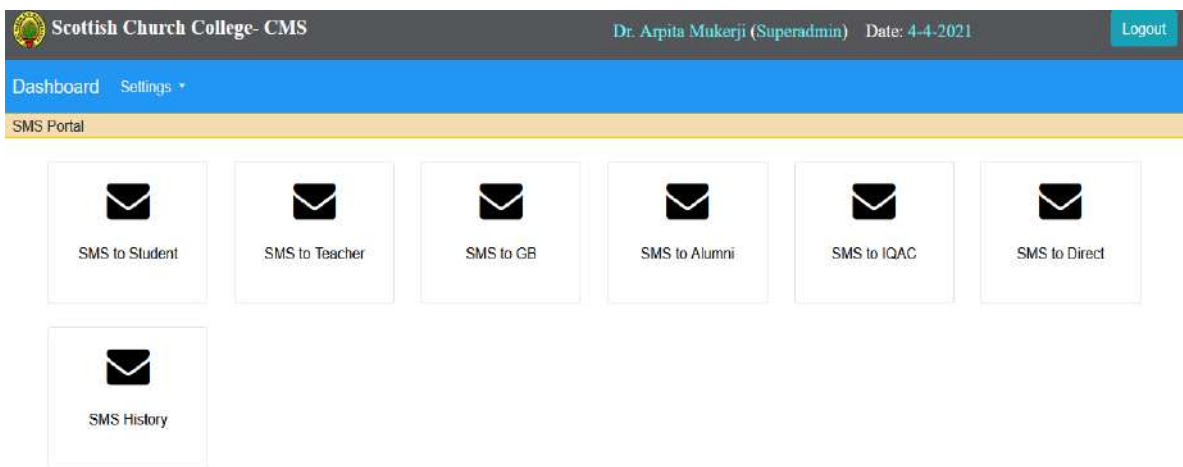


*Figure 2 Custom built LMS for optimized learning environment*



*Figure 3 Custom built SMS Portal*