Enhancement of IT Infrastructure

Response:

The college has very good IT facilities which are updated and upgraded regularly. CKEC has 24×7 internet facility with sufficient bandwidth of 150 Mbps. The computers in various blocks are interconnected via fibre optic cables using distribution switches. The institution has wired and one Wi-Fi hotspot at prominent locations -wireless connectivity for use of students and faculty members across the campus.There are 279 computers available, of which 35 are used by staff and 243 are used by students. Desktops with i3 / i5 Processor, 4GB / 8GB /16GB RAM, 500 GB / 1 TB Hard Disk, 3.2GHz Processor speed is available in the campus and maintained throughout the year.

Upgrading the configurations of the systems are happening based on the needs of Curriculum systems in the entire campus have been connected with well-structured optical fiber connectivity .The college has well-structured IT infrastructure with updated hardware and software to support all the teaching & learning processes. There are dedicated computer rooms in every laboratory.Internet access available in every faculty room. Every classroom, COE, seminar hall, and conference hall has an LCD projector. Every classroom, COE, seminar hall, and auditorium has audio visual equipment. 150 Mbps internet bandwidth is available to access different e-learning tools and transport data throughout the campus.Our campus has three smart LED televisions.

1.ICT-equipped classrooms:

All departments in the college have classrooms that are equipped with ICT tools such as projectors and wifi connectivity. Teachers utilize these resources to deliver high-quality instruction using PowerPoint presentations, animations, and other interactive learning material.

2.Wi-Fi enabled Campus

The campus of CKEC is equipped with Wi-Fi connectivity, enabling students and faculty members to access the internet wireless from various locations within the campus. Students and faculty can utilize this feature to enhance their academic pursuits, engage in online discussions, access educational content, and stay connected with the global community.

3.Students Learning Resources

Camu platform provides a comprehensive ERP solutions designed for Education. Right from the admissions to the Alumni, Camu suits variety of Educational Institutes ranging from Schools to Multi campus Universities. Camu App makes it easy to run a paperless classroom administration and ZERO data entry to manage day to day activities..

CHRIST THE KING ENGINEERING COLLEGE
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MyCamu app provides mobile access to the student & parent portal of Camu platform - some of the features mentioned below.

1. Attendance Notifications

2. Access to Timetable

3. Reminders

4. Assignments

5. Online Assessments

6. Exam Schedules

7. Exam Results and Report cards

8. Billing and payment

and more..

4.CCTV Camera Availability

104 CCTV are installed in the campus to ensure the safety of the students.

5. AR/VR Licensed software

VR Gaming:

Virtual Reality gaming provides immersive and interactive experiences. Games like "Beat Saber," "Half-Life: Alyx," and "Superhot VR" have been popular**.**

AR Entertainment:

AR apps like Pokémon GO, Snapchat, and Instagram filters enhance the entertainment and engagement of users in the real world.

Details of LAN Facility

Name of the Internet provider	Bharat Sanchar Nigam Limited
Available Bandwidth	100 Mbps(Shared)
Access Speed	100 Mbps
Availability in most computing Labs	All Labs
Availability in Faculty Rooms	All Faculty Rooms
Availability in Departments and other units	All Departments and other units

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Details of LAN Facility

Name of the Internet provider	Jio
Available Bandwidth	50Mbps
Access Speed	50Mbps
Availability	CSE Department Block

Details of Wi-Fi Facility

Name of the Internet provider	Bharat Sanchar Nigam Limited
Available Bandwidth	100 Mbps(Shared)
Access Speed	50 Mbps
Availability in most computing Labs	All Labs
Availability in Faculty Rooms	All Faculty Rooms
Availability in Departments and other units	All Departments and other units