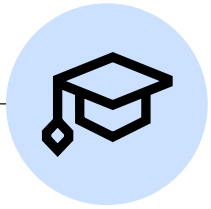
CASE STUDY

CHRIST (Deemed to be University)



A future-proofed AV Ecosystem, perfectly suited for a forward-thinking educational institute.

ADDITIONAL FORMATS

Online

JUMP TO

A FUTURE-FORWARD LEARNING ENVIRONMENT

Elevating Performances at CHRIST University

Renowned for its pioneering contributions to Indian higher education, CHRIST (Deemed to be University) Delhi NCR Campus is committed to fostering a dynamic and future-forward learning environment. The University is celebrated for its rich and vibrant cultural life. Throughout the year, the campus comes alive with a diverse array of cultural festivals, classical and contemporary music concerts, dance performances, theatre productions, film screenings, and literary gatherings. These events reflect the University's commitment to nurturing artistic expression and fostering a sense of community across disciplines.

The University continually raises the bar for academic institutions across the country through initiatives that blend innovation with infrastructure excellence. One such initiative is the recent upgrade of the audiovisual infrastructure at the Delhi NCR campus auditorium, where state-of-the-art Q-SYS technology has been implemented to create a versatile, multi-functional, and future-ready space. This upgrade not only elevates functionality but also positions the auditorium as one of the most sought-after venues on campus. The newly enhanced auditorium now serves as the heartbeat of the University's cultural vibrancy, offering a technologically advanced space where talent, tradition, and innovation converge in spectacular fashion.

CUSTOMER NAME
CHRIST (Deemed to be University)

LOCATION
Ghaziabad, India

INDUSTRY
Higher Education

> **"The experience with Q-SYS has been truly exceptional. The way we conduct events was transformed the moment we integrated the system.**
>
> **Vineet Paul**
> Auditorium Manager, CHRIST (Deemed to be University)
> Delhi NCR Campus

Higher Education

Leadership and Technical Expertise

The visionary project was initiated by Fr Viju P. Devassy and successfully completed under the leadership and guidance of Fr Jossy P. George. A key contributor to this transformation was Edwin Aby John, Live Sound Engineer at CHRIST, who served as the Project Coordinator. His technical expertise, meticulous planning, and on-ground coordination were instrumental in ensuring the successful implementation of the cutting-edge audiovisual system.

Integrator Q Live Technologies

Challenges

ASSEMBLING AN OUTSTANDING AUDITORIUM

Although CHRIST University's auditorium had the potential to be a standout venue, careful consideration was necessary for it to function effectively as a multi-functional space.

Minor challenges arose in the video and projection systems, and the auditorium's structural design required careful planning for loudspeaker placement and mounting to ensure uniform sound coverage. Additionally, the auditorium needed a solution that wasn't just functional today but could accommodate future expansions as technology evolved.

For the project, CHRIST University partnered with Q Live Technologies, a leading system integrator established over a decade ago, specializing in audio, video, and IT solutions. Their client portfolio includes some of the most prestigious institutions, broadcasters, and production houses in India.

Q Live Technologies' decision to integrate Q-SYS into the auditorium was driven by the unmatched sound quality, ease of integration, and scalability. Q Live Technologies' Application Specialist, Vinuraj V, shared, "Q-SYS loudspeakers provide clean sound without distortion, even at high volumes. The Q-SYS system offers a user-friendly interface and reliable performance, making it a perfect fit for CHRIST University's requirements."

Solutions

UNMATCHED AUDIO QUALITY AND ADVANCED LOUDSPEAKER PLACEMENT

Q-SYS loudspeakers were selected for their superior sound clarity, even at high decibel levels. Their ability to handle diverse event types without distortion made them the ideal choice. “The Q-SYS speaker system in the Mini Auditorium has been a reliable and impressive addition to our event setups,” explains Christy John Sanju, Student Leader of CHRIST’s SWO Technical Committee. “Regardless of the type of event, the sound quality is consistently clear, powerful, and distortion-free. The system is easy to operate, adapts well to different environments, and enhances the overall experience for both performers and audiences alike.”

The installation ultimately comprised eight QSC KLA loudspeakers, four KLA subwoofers, and four CP8 front-fill loudspeakers for a balanced sound experience. Four K12.2 monitors were installed for on-stage monitoring. To ensure a flawless setup, Q Live Technologies’ engineers worked on technical wiring and acoustic treatments in parallel. Thanks to advanced EASE prediction software, available on all QSC loudspeakers, they were able to determine the perfect positions for mounting the high-performance loudspeakers to enhance sound clarity and minimize reverberation.

Solutions

COMPREHENSIVE AV SETUP

The integration of the Q-SYS ecosystem has transformed the way events are experienced at CHRIST. Video switching for two PTZ cameras, projection systems, and stage lighting with dedicated control consoles ensured that the auditorium could host a variety of events.

Whether it's an academic seminar, a cultural festival, a theatrical performance, or a high-level conference, the modernized auditorium now delivers an unmatched audiovisual experience. With a seating capacity of over 200, the space is ideally suited for large gatherings. Additionally, its robust hybrid capabilities support seamless online and offline engagement, making it an ideal venue for national and international conferences, webinars, and panel discussions.

The Q-SYS Core 8 Flex processor powered the entire system, enabling precise tuning and management of the audio system, and presets pre-programmed into the Core simplified operations for CHRIST University's AV team.

FUTURE-PROOF DESIGN

Q Live Technologies wanted to ensure the installation remains relevant as technology and the needs of CHRIST University continue to evolve. The scalable, primarily software-based Q-SYS platform allows for the easy addition of more features in the future without the need for additional hardware.

> **"The Q-SYS system offers a user-friendly interface and reliable performance, making it a perfect fit for CHRIST University's requirements."**

Vinuraj V,
Application Specialist, Q Live Technologies

Q-SYS

Higher Education

Equipment List

Model	Pcs Used	Description	Image
Core 8 Flex	1	Q-SYS Audio, Visual and Control Processor Networked I/O: 64 × 64	
KLA12 Loudspeaker	8	Powered Line Array Loudspeaker Ar-Q™ Array Equalization	
KLA181 Subwoofer	4	Powered 18-inch Flying Subwoofer High acoustic output (135 dB SPL peak) Frequency range down to 33 Hz (-10 dB)	
CP8 Loudspeaker	4	8-inch Compact Powered Loudspeaker Directivity Matched Transition® (DMT) Advanced DSP with Intrinsic Correction™	
K12.2 Loudspeaker	6	Powered 12-inch 2-way Loudspeaker Directivity Matched Transition® (DMT) Advanced DSP with Intrinsic Correction™	

Q-SYS

Q-SYS is a globally recognized manufacturer of audio, video and control (AV&C) solutions for huddle rooms to stadiums–and everything in between. Our systems make it easy for your team to design and integrate flexible, scalable solutions and deliver the native IT integration and standards-based technology your customers expect.

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Learn More. Chat with a Q-SYS representative in your region to learn how Q-SYS can help.

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