



CASE STUDY

**Updating the Communication Infrastructure of
Government Office of the Chief Executive Officer,
DRDA & Zilla Parishad, Nuh Haryana**



Overview

The administrative building of DRDA and Zilla Parishad in Nuh serves as a critical hub for planning, execution, and review of rural development initiatives in the district. The conference room is regularly used for inter-departmental meetings, training sessions, and discussions with government and NGO stakeholders.

Client Requirements

The existing 22-seater conference room suffered from:

- Low voice audibility, particularly at the far end of the room.
- An outdated analog system lacking clarity and modern features.
- No camera integration, making remote monitoring or hybrid meetings difficult.
- Poor aesthetics and cumbersome wiring, hampering the professional environment.

The need was clear: a modern, sleek, and intelligent conference system that would allow effective communication, real-time camera tracking, and ease of use for officials and visiting dignitaries.



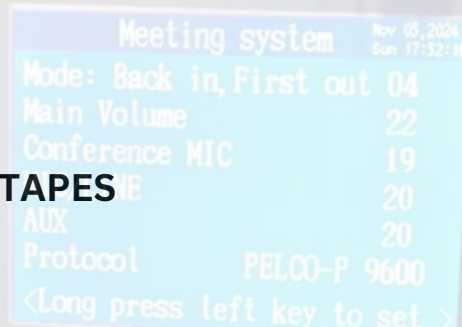
Challenges

Acoustic Limitations: The room's layout posed challenges with echo and uneven sound distribution, making it difficult to ensure clear audio for all attendees.

Space Management: The installation had to be efficient, utilizing the available space smartly while keeping the room organized and free of clutter.

Technical Integration: Connecting the new AV equipment to the existing IT framework required careful planning to avoid disruptions and maintain the security and efficiency of communications.

Solution Provided by STAPES



Meeting system		Nov 05, 2024
		Sun 17:32:18
Mode:	Back in, First out	04
Main Volume		22
Conference MIC		19
IE		20
AUX		20
Protocol	PELCO-P	9600
<Long press left key to set>		

STAPES implemented a comprehensive upgrade of the conference room with the following setup:

- 12 Delegate Units (Stapes ST- COND)
- Elegant, touch-sensitive units offering crystal-clear audio pickup and speech clarity.
- 1 Chairman Unit (Stapes ST-CON C)
- With override functionality and priority control, ideal for leading official meetings.
- STAPES Look At Me PTZ Camera (ST-20U)
- A 20x optical zoom PTZ camera with auto camera tracking integrated via microphone activity—whenever someone speaks, the camera pans/zooms to focus on them automatically.
- Camera Control Integration
- Using Stapes camera control software and hardware trigger module, real-time visual coverage is achieved without needing manual operators

 STAPES

Outcome

- Clarity in communication improved drastically with powerful built-in microphones and speakers in each unit.
- Seamless hybrid meeting capability enabled by the PTZ camera and USB output integration.
- The system brought a modern, clutter-free aesthetic to the room.
- Officials can now conduct meetings efficiently, with camera tracking enhancing both in-room and remote engagement

Client Testimonial

“We were facing significant issues with audibility and outdated technology. The new STAPES conference system has transformed our conference experience. The auto camera tracking, sleek design, and clear audio have made our meetings more effective and engaging.”

— Chief Executive Officer, DRDA & Zilla Parishad, Nuh

Conclusion

The STAPES conference system not only addressed the key pain points of the DRDA & Zilla Parishad’s conference room but also future-proofed the facility with state-of-the-art features. This installation stands as a model for other district and government offices aiming to upgrade their administrative communication infrastructure



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