LUMIVISTA TECHNOLOGIES
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CASE STUDY

Dr. Moonje Institute of Management & Computer Studies, Nashik

Auditorium Upgrade: Projector Screens Replaced with Lumivista Active LED Displays



2	2880 × 1760 mm	P2.5	1152 × 704 px
Screens (left & right wall)	Size per screen (9.45 × 5.77 ft)	Pixel pitch	Resolution per screen

Project Overview

Dr. Moonje Institute of Management & Computer Studies, run by CHMES, Nashik, uses its auditorium for lectures, seminars, academic programmes and institutional events. Lumivista Technologies was engaged to replace the auditorium's existing projector-based display with two Active LED screens, one on each side wall of the stage, so that every member of the audience can see presentations clearly.

The Challenge

The auditorium was originally equipped with projectors and projection screens. Over time, this setup fell short of what a large, well-lit hall requires:

- **Insufficient brightness:** the projectors could not compete with the auditorium's ambient and ceiling lighting, so images appeared faded and washed out.
- **Reduced clarity and contrast:** text, charts and fine detail were difficult to read, particularly from the rear and side seating.
- **Compromised lighting:** presenters often had to dim the room to improve visibility, which affected note-taking and audience engagement.
- **Ongoing upkeep:** projection systems depend on lamps and alignment that lose performance with use, making consistent image quality hard to maintain.

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The Solution

After assessing the hall, Lumivista recommended Active LED displays. Unlike a projected image, an LED screen emits its own light, so the picture stays bright, sharp and high-contrast even with the auditorium lights on. Two **Lumivista P2.5** displays were installed, each measuring **2880 mm × 1760 mm**, giving a fine pixel structure suited to the viewing distances in the hall.

Installation Process

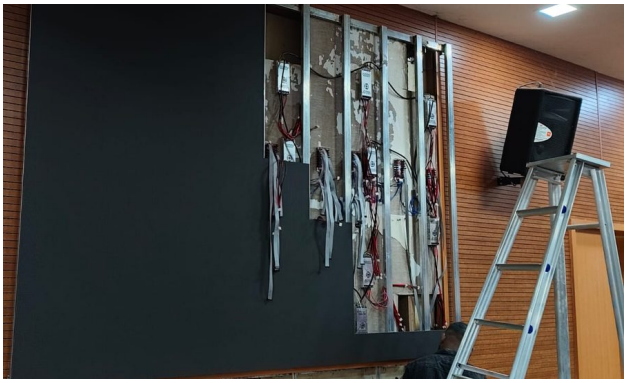
The screens were built into the existing wooden acoustic wall paneling. The old wall surface was prepared first, a steel sub-frame was then fabricated and fixed to carry the cabinets, and the LED modules, power supplies and data cabling were mounted and connected behind the screen face. The result is a clean, flush finish that blends with the auditorium's interior.



1. Existing wall surface prepared for the new display



2. Steel sub-frame fabricated and fixed to the wall



3. LED cabinets mounted with power supplies and cabling



4. Lumivista technician completing module connections

System Integration

Both screens were integrated with the **podium** and the **auditorium's speaker system**, so presenters can control content from the podium while visuals and sound are delivered together as one setup for the whole hall.

The Outcome

The Active LED displays resolved the visibility problem of the earlier projection system. Content now appears bright and clear from every part of the auditorium, which helps audiences follow presentations with greater clarity and attentiveness. Presenters can also use the hall with normal lighting, without compromising screen quality.

Lumivista Technologies | Active LED Displays for auditoriums, institutions and enterprises.

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