

ViewSonic All-in-One dvLED Display Elevates Teaching & Collaboration in Premier Technology Institute



Institute of Technology

- **Location:** New Delhi, India
- **Industry:** Higher Education
- **Solution:** ViewSonic LDM136-151 All-in-One Direct View LED Display
- **Display Pixel Pitch:** 1.5mm
- **Display Size:** 136"
- **Display Dimensions:** 3000mm × 1687.5mm

Challenge

1. The lecture and workshop room previously utilized two 86-inch interactive flat panels, creating a fragmented viewing experience with content split across multiple screens.
2. Faculty found it challenging to present technical drawings, coding demonstrations, and multimedia content seamlessly due to the bezels separating the two displays.
3. The overall display size was insufficient for larger classrooms, making it difficult for students seated at the back to clearly view detailed academic content.
4. The institute required a future-ready display solution that could deliver an immersive visual experience while enhancing classroom engagement and collaborative learning.

Solution

1. The institute upgraded to the **ViewSonic LDM136-151 All-in-One Direct View LED display**, replacing the dual-display setup with a single 136-inch seamless display.
2. The bezel-free LED screen provides one expansive canvas, allowing presentations, videos, engineering simulations, research data, and teaching materials to be displayed without interruption.
3. Featuring a fine **1.5mm pixel pitch**, the display delivers exceptional brightness, vivid colors, and razor-sharp image quality, ensuring every detail remains clearly visible.
4. The large-format display enhances visibility across the entire lecture room, enabling faculty to deliver more engaging lectures and interactive workshops with greater confidence.

Result

1. The 136-inch ViewSonic LED display has transformed the lecture and workshop room into a modern, collaborative learning environment, becoming the highlight of every session.
2. Students now benefit from a seamless, distraction-free viewing experience, resulting in improved focus, higher engagement, and better comprehension of complex concepts.
3. Faculty can deliver lectures, technical demonstrations, workshops, and collaborative discussions more effectively using a single expansive display without the limitations of multiple screens.
4. The larger display size and outstanding image clarity ensure excellent visibility from every seat, creating a more inclusive and immersive classroom experience.
5. By replacing two separate displays with one premium All-in-One LED solution, the institute has simplified classroom technology while enhancing teaching efficiency, collaboration, and long-term learning outcomes.

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Background

A leading engineering and research institution in India continuously invests in advanced learning technologies to create engaging, collaborative, and future-ready classrooms. With an increasing emphasis on interactive teaching, technical demonstrations, coding sessions, and hybrid learning, the institute strives to offer exceptional visual clarity while supporting dynamic classroom interactions.

Challenge

The institute's lecture and workshop room relied on two separate 86-inch interactive flat panels to deliver lectures and presentations. While functional, the dual-display setup created a fragmented viewing experience, as content had to be split across two screens separated by visible bezels. This interrupted the continuity of presentations, making it difficult for faculty to effectively showcase technical drawings, engineering diagrams, coding demonstrations, simulations, and multimedia content.

The limited overall display size also posed visibility challenges in larger classrooms, with students seated farther away struggling to clearly view fine details and text. As the institute continued to modernize its learning environments, the institution sought a single, large-format display solution that could eliminate visual distractions, provide a seamless and immersive viewing experience, and support highly interactive, collaborative teaching for both in-person and hybrid learning sessions.

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Solution

To enhance the teaching experience and ensure every student enjoys a clear and immersive view of classroom content, the institute upgraded its lecture and workshop room with the **ViewSonic LDM136-151 136-inch All-in-One Direct View LED (dvLED) display**, replacing two 86-inch interactive flat panels with a single seamless screen. Its bezel-free design creates one expansive visual canvas for presentations, engineering diagrams, coding demonstrations, simulations, research data, and multimedia content without visual interruptions.

With a fine 1.5mm pixel pitch, Full HD visuals, exceptional brightness, vibrant colors, and sharp image clarity, the display ensures even the smallest details remain clearly visible from every seat. The large-format display enhances viewing comfort and classroom engagement while enabling faculty to deliver lectures, workshops, and collaborative sessions more effectively.

Result

The deployment of the **ViewSonic LDM136-151** has transformed the institute's lecture and workshop room into a technology-enabled learning space that supports greater engagement and collaboration. The seamless, bezel-free 136-inch display gives students an uninterrupted viewing experience, helping them stay focused on lectures, technical demonstrations, engineering simulations, and multimedia content. Exceptional image clarity and vibrant visuals also ensure that detailed diagrams, coding exercises, and research presentations are clearly visible from anywhere in the room.

Faculty can now deliver lectures, interactive workshops, and collaborative discussions more effectively using a single large-format display. By consolidating two separate displays into one All-in-One dvLED solution, the institute has eliminated the limitations of its previous multi-screen setup, streamlined classroom technology, improved teaching efficiency, and increased student participation, supporting better educational outcomes.