

HAVI DESIGN Creates Immersive Experiences in New Delhi

The Experience Centre of O.P. Jindal University at Taj Man Singh Hotel in New Delhi is redefined with state-of-the-art AV solutions



*Universities striving for quality education adapt cutting-edge pro AV solutions to elevate conferencing and meeting experiences. With the vision to deliver a world-class facility design, HAVI DESIGN INDIA LLP transforms O.P. Jindal University's Experience Centre at Taj Man Singh Hotel, New Delhi with unique AV solutions. AV-ICN Expo Magazine got in touch with **Manikk Gupta**, HAVI DESIGN INDIA LLP who along with his team elucidated on the experiences on creating impactful AV architecture and design at the venue.*

O P. Jindal University or Jindal Global University (JGU), a number one ranked private university in India in the QS World University Rankings 2023, based in Sonapat, Haryana, strives for

quality education with the motive to have a world-class design facility for esteemed guests from various walks of life like professors from international universities, ministers, philanthropists, reputed lawyers, diplo-

mats etc., to not just address the students in person or through video conferencing and streaming but also present to these learned guests about JGU and its vision for future. For these high-profile guests on many occasions, time doesn't allow them to travel all the way to Sonipat.

The Experience Center of Jindal Global University at Taj Palace in New Delhi can accommodate up to 72 people and is equipped with state-of-the-art audiovisual and control system technologies. The space was created to truly reflect the quality and commitment of JGU towards their passion for quality education.

Taj Man Singh Hotel being so well centrally located near India gate and one of the finest hotels in Delhi, was chosen by the Vice chancellor – **Prof (Dr.) C Raj Kumar**, a man of taste and intelligence. Although a small space, but state-of-the-art technology implemented here creates an immersive and engaging experience for all attendees.

The existing space was being used for their internal staff training by Taj Man Singh hotel. Determined to identify the suitability of the products, the team also performed a thorough recce of the venue. **Nitish Sehgal**, RSM North, HAVI Designs India LLP, commented, "We visited the space before we

started designing. However, the original interior was completely demolished and re-created by the architect from the scratch. So, we designed the system based on the new drawings received from the architect." He further added, "Considering limited space, we surely had to set up multiple meetings with the client and architect to emphasize on fulfilment of application and negotiate our way through to get right locations for the equipment being proposed from speakers, ceiling mic tiles, cameras, etc. as aesthetics were also very important for the client and they didn't want to compromise on the looks and feel of the space."

Installation Requirements

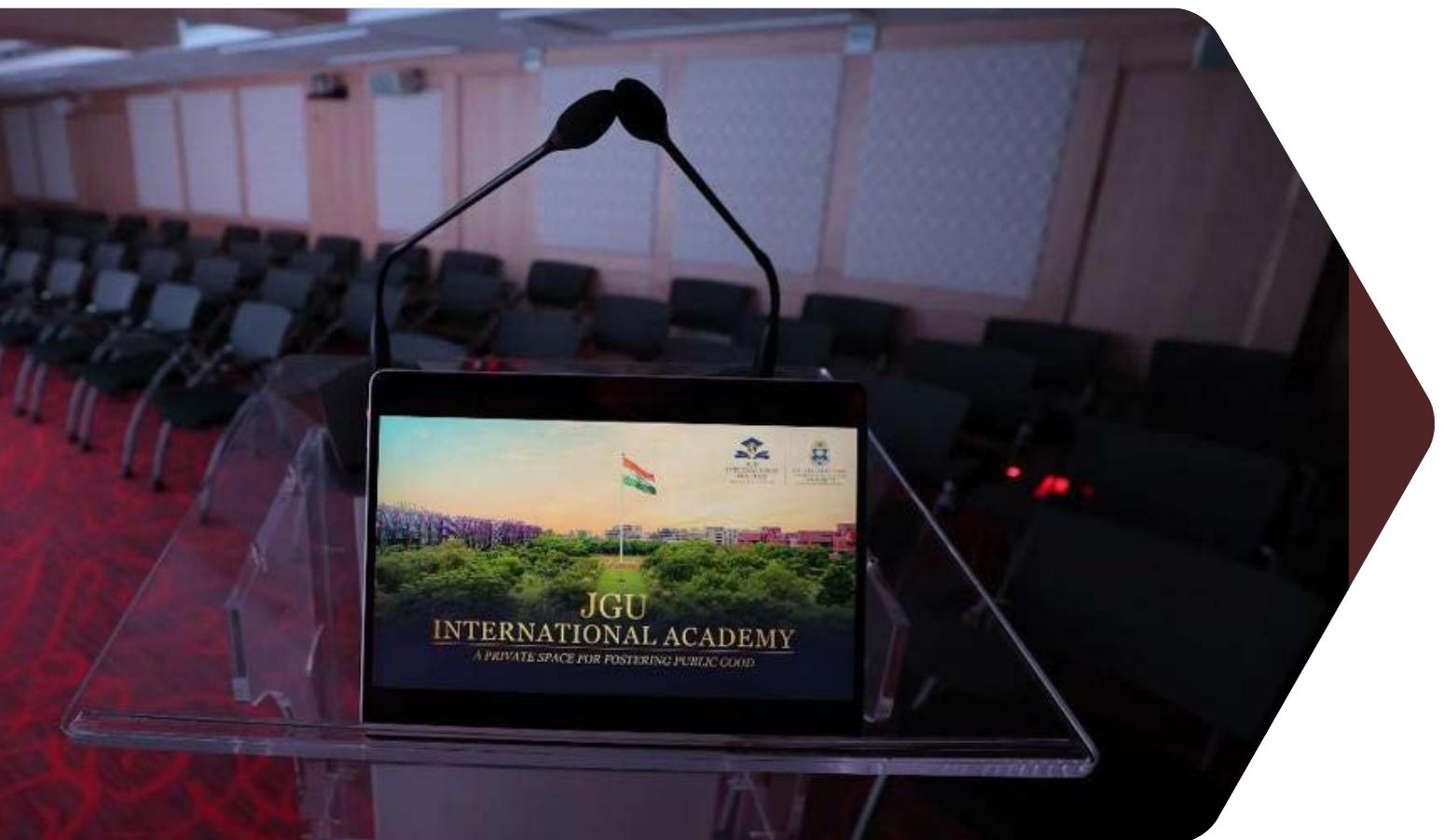
The first thing required by the client was a seamless LED screen going from left to right of the front wall as envisioned by the University Vice Chancellor, Dr. C Raj Kumar.

With very specific and clear instructions, the client wanted everything, a world-class facility can have for an AV experience centre catering to applications like – video conferencing, lecture recording & streaming, movie viewing, presentations along with annotation facility, background music during informal gatherings, and complete control of lighting and AV over touch panel. However,

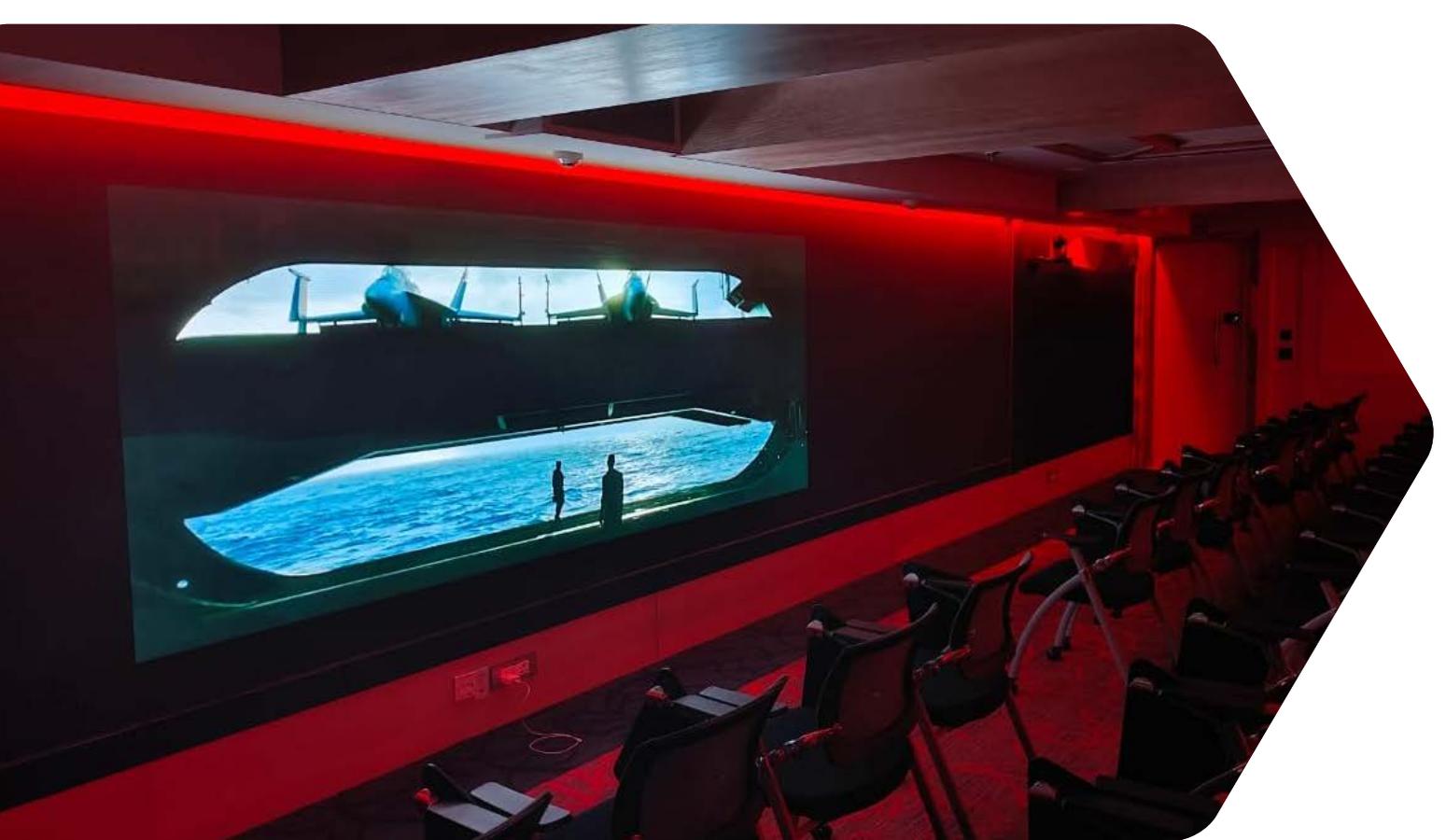
designing and selecting the right components to meet the client expectations of a state-of-the-art system in a small rectangular space with a ceiling height of just 8 feet was a significant challenge as the team had to consider important factors like uniform distribution of sound, sight lines for video, and aesthetics.

Another challenge was to complete the project including interiors in 15 days and therefore, coordinating with a large team for different services in a confined space in terms of logistics and safety of equipment. In fact, the team only got 1.5 days after physical installation of all equipment to test, program, and commission.

Adding to the experiences during the installation, **Dhiraj Jangra**, Projects Head at HAVI stated, "We carefully created a project schedule and met with other services team heads to create a meticulous timetable, ensure teamwork, and meet the deadlines. Arranging the material in such short period of time and space constraints at the site for keeping the material was also managed with multiple rounds of transportation from our warehouse in Delhi at odd hours of the day." **Richa Chaturvedi**, Design Head at HAVI, further added, "Designing the system to ensure we fulfil all requirements without compro-



Enhancing AV experience centre with complete control of lighting and AV over touch panel with uniform distribution of sound, sight lines for video, and aesthetics



LED Screen installed from left to right at the front wall of O.P. Jindal University conference room for ultramodern audiovisual experiences

misizing the result was achieved through out-of-the-box thinking and coordination with the architect team to get right locations for ceiling mic tiles, cameras, and speakers according to the requirements. Location of the rack just outside the hall was also very typical and we managed to convince the team to facilitate smooth operations.”

O.P. Jindal’s Installation in Brief

The audio system is a 5.2 setup with three Bose single 8-inch Front-of-House speakers, single 5 inch – two left and right surround speakers, and three rear surround speakers, along with two Dual 10-inch subwoofers.

The video system features an active asymmetric **Samsung LED video wall** with a P1.5-pixel pitch and measuring 28 feet x 5.6 feet, resulting in a total diagonal screen size of 300 inches. It can be configured and programmed to display multiple content simultaneously, which could be possible through TV video wall processor – Split View, Single Center Screen View, Full View, Video Conferencing View, etc.

For video conferencing, three Lumens cameras are installed with zoom capabilities of up to 12x and 20x, allowing them to capture both the presenter and participants with auto tracking (in centre camera) system that is also equipped with lecture recording and streaming facility through Lumens LC200.

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To capture audio for video conferencing and lecture recording, wireless gooseneck/handheld/lapel mics along with three

Sennheiser ceiling tile microphones are deployed, which are strategically placed to cover the entire hall and deliver exceptionally clear and crisp audio to the far end. Annotation through Touch tablet PC is also included.

Conclusion

The entire audiovisual system is set up and programmed to enable users to control and manage all functions, including lighting, effortlessly through a single touchpad via Kramer Controller. Furthermore, complete backend switching, and AV wall plate transmitters are from Liberty AV. This cutting-edge audiovisual and control system technology makes the conference and training room ideal for a wide range of events.

“The state-of-the-art technology implemented here creates an immersive and engaging experience for all attendees,” states Manikk Guptha while recalling the successful installation. “IT Head of O.P. Jindal University, **Sridhar Ghanti** was also very impressed with our teams’ organised approach and quality of work done in such a short period of time.”

Apparently, Dr. C Raj Kumar was really impressed with how everything from audio, video, and lighting can be controlled and managed so simply from a touch panel in his palm. In the end, he was dazzled with the quality of the audio and the asymmetrical LED video screen installed.