

Aesthetix Spices Up Auditorium for Sankara Nethralaya

Sankara Nethralaya is a super specialty institution for ophthalmic care and receives patients from all over the country and from abroad and is ranked as one of the best ophthalmic institutions in India. On an average, 1200 patients walk through its doors and 100 surgeries are performed every day. Aesthetix was the successful vendors selected to design and build the AV solution for the 225-seater auditorium. The auditorium was meant to be used for large video/audio conferencing, large meeting place and seminars.

The auditorium was been installed with 125 Gooseneck Microphones (AKG GN 15E) with push-to-talk function. Two wired (Shure SM 58) and Lecturn microphones (Shure EZG/18ZE) and two wireless combo microphones (Shure PG1288/PG185) were used for the stage application. Seven Audio DSP units from Biamp AudioFLEX with Input/outputs cards along with AEC cards were also used for managing the



audio network. Four full range JBL VP7210/95DP powered speakers were used for sound re-enforcement and two sub woofers (JBL Control

SB210) along with Yamaha P7000S power amplifiers and DBX driverack 260 were used for speaker management and equalization.

Aesthetix also installed two motorized front projection systems, a 5000 ANSI lumens projector from Sanyo PLC XT 35 and Da-lite 180 inches diagonal Tensioned cosmopolitan electrol screens. Three 47 inch LCD panels from Sanyo were used on the side walls and centre for participants and also as a preview for the presenter. A Pioneer DV Series DVD



recorder, a Samsung digital visual presenter, Rack mounted PCs and video conferencing system (Polycom VSX 8400) with multipoint software and people content, image share facilities were included in the provision, including five ceiling mounted PTZ cameras from Elmo PTC-401CIP were used for video conferencing purposes. A 16x8 VGA matrix switcher from Extron (MVX168VGA) was used for switching the inputs from various floor boxes and wall plates, while a 16 x 8 composite video matrix switcher from Extron (MAVPlus 168 AV) was used for switching multiple camera inputs and other sources from the different plates and SMATV tuner. A scan converter from Extron VSC700 was also used to convert the computer signal to video for recoding the presentation in the DVD Recorder.

A 17 inches interactive writing panel from Wacom PL720 was used for annotations in the lectern, while two customized podiums with built-in reading light was provided for stage usage. A centralized control processor from Crestron PRO2 with Ethernet card (C2ENET-1) and seven 3 port communication modules (C2COM3) was also included. A 16 port I/O module and four 48 port I/O modules from Crestron were used to enable the push-to-talk facility, while one 8.2 Inch wireless touch panel (Crestron TPMC-8x) and a 5.7 inch smart touch panel were retrofitted in the control

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room. One 12 channel leading edge dimmer from Dynalite DLE-1210 is used with two 10 buttons control panels.

All the AV equipments and other components have been installed in a dedicated AV room with four full height closed 22U equipment rack. The system had been completely programmed by Aesthetix with Biamp, Crestron and dbx softwares, with the installation successfully completed within the challenging duration.

Since the completion, the AV facility of the auditorium has been used multiple times successfully for various conferences and seminars. The user friendly control system has made it a breeze to operate successfully the auditorium for multipurpose events and functions.

