

INDIA

# ATME Auditorium Plays Revamped AV

*EV, Kramer, Biamp & NEC Share Honours*



*The Academy for Technical and Management Excellence (ATME) Engineering College in Mysore had recently refurbished its auditorium into a modern, sophisticated multipurpose facility that can address academic as well as cultural, and social gathering of the institution, with a video-conferencing provision.*

*Bengaluru-based Hansa Pictures had been roped in to design, supply, install and commission the project that was a prestigious facility for the institution.*

When the solution provider visited the site, they found it barely done with its basic structure. With only walls white washed and a little work of false ceiling and HVAC work done, it had a huge amount of work to be done to be able to install a 'performing AV system.' One of the biggest challenges was that the false ceiling was made as low as 14 feet below the main ceiling for a hall that measured 65 feet in length, 62 feet in width, and 14 feet in height (28 feet total height). So, acoustics was a big potential problem, and the AVSI had to turn themselves into acoustic solution providers as well.

"We addressed this issue with Himalayan Acoustics whose cement boards come with 1 NRC and aphony fibrette wood fibre," explains Gautam N Shah, Head-Projects at Hansa Pictures. "The height was really good at 14 feet till the false ceiling and the remaining 14 feet was going to be used for AC ducting, electrical to run through. So we worked out a design in such a way that we could suspend speakers and avoid using the side walls as the venue was very broad. We had to consider a 5.1 surround system set-up as well in the design."

Having addressed the acoustics part, the task was to weave in the audio and video design. The SI chose to install audio systems from Electro Voice; the audio processing systems from Biamp Nexia and Red-one; switching systems from Kramer, and video projection from NEC.



"While acoustics was a real big problem, doing the right acoustics was only half the challenge," says Gautam. "Getting a good, suitable design was a big deal; we had to really think hard, send multiple designs back and forth, before they froze on a design in conjunction with the Architect."

Finally, the client was happy with the job executed to 'near perfection.'

"For us, it was big challenge to do it the right way. Hansa came good with the design, and the quality of work they executed," says the project coordinator Mohan of ATME who is all praise for the SI. "Gautam and team did a splendid job; they have been with us at every stage supporting, and qualifying our ideas with feasible solutions. That was great."

[www.hansagroup.in](http://www.hansagroup.in)

## SYSTEM HIGHLIGHTS:

### Audio

- EVU-2082 for L-C-R- 3 units
- EV Q-99 amplifier-1 unit
- EV-R300 hand mic-2 units
- EV-R300 lapel mic-2 units
- EV-RE90P Gooseneck mic.-1 unit.
- Furman PL8CE Power conditioner-1 unit
- Biamp Nexia VC-1 unit

### Video

- NEC P451W Projector-1 unit
- Fixed frame screen-1 unit
- Kramer VP-438-1 unit
- Kramer RC-78R 8-Button Room Controller-1 unit
- We present wireless presenter-1 unit
- TviX HD Café Media Player-1 unit

### Control

- Biamp Red-one-1 unit
- Kramer RC-78R 8-Button Room Controller-1 unit