Actis supports IIT Bombay’s goal of providing digital learning solutions for leaders of tomorrow.

Learning is evolving fast, with the proliferation of digital learning and content becoming the major driver. As the premier technical institute in India, IIT is establishing new standards for learning (and teaching) and continuing its tradition as the leading technical learning institution in the country.
The Challenge

Institutes in positions of excellence grow with time. The ideas and ideals on which such institutes are built evolve and change with national aspirations, national perspectives, and trends worldwide. IIT Bombay too, is one such institution and aspires to be the fountainhead of new ideas in technology and science. They also recognise that today's students demand sophisticated, high quality interactions and content presentation. This is why they needed a state-of-the-art Convention Centre for dissemination of research through conferences and continuing education programmes.

IIT Bombay, set up by an Act of Parliament, was established in 1958, at Powai, a northern suburb of Mumbai. Today the Institute is recognised as one of the centres of academic excellence in the country.

Over the years, there has been dynamic progress at IIT Bombay in all academic and research activities, and they wanted to undertake a parallel improvement in facilities and infrastructure, to keep it on par with the best institutions in the world.
Actis was selected to design and build the learning solutions for the IIT Bombay Victor Menezes Convention Centre. This consists of the Boardroom, Conference Room, Seminar Room and Lecture Hall for holding conferences, workshops etc.

A well-equipped Boardroom provides tangible benefits by improving the environment for meetings between professors and management and reducing travel budgets.

The IIT Boardroom has a motorised projection screen with flat-panel displays on either side and is connected with the outside world using a video conferencing facility.

By effectively integrating technology into the classroom, IIT has transformed how knowledge is delivered and received. Students today have access to technologically advanced aids and tools, making the learning experience interactive and easier. Actis has developed and integrated several such technology tools for the IIT Convention Centre, Lecture Halls and Seminar Rooms.
The IIT Conference Room is set-up with a projector and a motorised screen that is used during presentations. Mics have been provided so that all participants are audible and provisions have been made for laptop connectivity.

In the 150-seat Lecture hall, handheld / lapel mics are available to the speaker and participants, and deliver crystal clear sound through ceiling speakers.

Every room has a touch/button panel to control all the equipment with complete ease. This can be operated by the speaker or even the participants.

One of the greatest advantages of technology in the classroom is that it exposes the students to new experiences and allows them even more opportunities to learn and implement.
Actis has equipped the 390-seat Auditorium with a long-throw projector at the end of the room, so that it doesn’t obstruct one’s view during an ongoing event.

Two fixed frame screens are placed so that they can be seen from every angle in the auditorium. Advanced lighting control with preset scenes is provided for events or presentations.

A 3-camera set-up captures the audience as well as the stage area. 2 cameras have been placed on either side of the stage and 1 camera is placed at the rear to cover the stage area. These cameras also aid Video Conferencing. The audio system consists of multiple line array speakers which ensure that the sound reaches even the last row.

The Podium has been equipped with a touch screen that gives the end-user full control of the equipment in the Auditorium.
The Auditorium
The Result

The state-of-the-art facilities help fulfill IIT’s vision to become an internationally recognised technological university that meets the needs of a global and technologically rich society.

With this upgrade of their larger learning spaces, the quality of interactions between faculty and students has been considerably enhanced, resulting in an even more effective learning environment.

“Actis has been the most reliable AV company in terms of their choice and range of products, well trained resources and delivery timelines. They are geared to serve any challenge in the AV space.”

K. V. K. Rao
Dean - IPS, IIT Bombay

re-imagining learning