Mody University of Science and Technology for women rejuvenates the student experience and transforms market attractiveness with digitization

Mody University of Science and Technology

Size:	3500 students including 200 research scholars and 1200 faculty and staff
Industry:	Education
Location:	India

Solutions

- Enabling reliable, high-speed digital learning with Cisco Catalyst switches
- Securing bring-your-own-device using Cisco Aironet access points
- Protecting campus networking with Cisco Next Generation Firewalls
- Simplifying IT management with Cisco Prime Infrastructure and Smart Net Total Care Services

Bold digital journey points to a connected-learning future

Since its foundation in 2004, Mody University has been focusing upon delivering quality education to women from all around the world. Based at Lakshmangarh, Rajasthan, India, it's a private women's university offering including Engineering and Technology, Arts, Science and Humanities, Architecture, and Design and Fashion Design.

Embarking on a bold digital journey, Mody University saw a wireless environment as the foundation of its connected learning vision. However, obsolete Wi-Fi hampered the educational experience.

"There was no bring-your-own-device solution, so students were unable to freely access learning resources and keep in touch with friends and family," says Amit Pareek, System Administrator. "Our new Cisco infrastructure and network solution enhanced the satisfaction level of users."

The last point was especially important for attracting future boarders. "When comparing institutions, students have one eye on the quality of their teaching and the other on the quality of their technology," adds Pareek.

Opening up the network with end-to-end security and control

Mody University was concerned about its network being overwhelmed by students streaming bandwidth-hungry video and surfing uncontrolled sites. Local specialist Allience Technologies integrated security, mobility, and network intelligence with an end-to-end Cisco® Unified Access design as one easy-to-manage solution.

The new setup includes more than 200 Cisco Aironet® indoor and outdoor access points, enabling more users to connect wirelessly in more places. Additionally, a complete LAN refresh improved the speed and reliability of the campus network with the latest Cisco Catalyst® switches. Mody University now has a strengthened network infrastructure foundation that supports the increased traffic load.

With Cisco-enabled digital learning, Mody is:

Meeting student expectations for bring-your-own-device access and high-speed connectivity

Offering unlimited access to education in ubiquitous fashion

Attracting larger student and faculty pools

Cisco next-generation firewalls with FirePOWER™ services provide effective web filtering and malware protection. Empowered with greater insight into users, applications, devices, threats, files, and vulnerabilities, Mody University can automate security tasks and speed remediation.

Cisco Prime™ technology provides visibility into wired and wireless networks, helping IT staff identify gaps in service and target areas to adjust capacity. Using the configuration management features in Cisco Prime, IT staff can quickly analyze configurations to help troubleshoot networking issues.

The university also benefits from the Cisco Smart Net Total Care™ service. Technical support, online resources, and smart capabilities help reduce downtime. Inventory and contract management are automated, so maintaining an up-to-date view of the network takes less effort.

"Teachers and students experience fast and uninterrupted access, while IT can complete updates and build out the network without causing disruption," says Dr. V.K. Jain, Dean, CET, Mody University.

Enticing video-based programs help impart professional skills

Mody University has digitized the student experience, transforming delivery and consumption of education throughout the campus. Previously, Wi-Fi was limited to about 45 percent of classrooms and indoor areas. Now, coverage is almost 100 percent, enabling students and teachers to get online indoors and out.

With improved application performance, it's much quicker to access everyday Information and Communications Technology ICT services, such as learning management systems. "Before, we used to receive over 100 complaints a month. Now, user satisfaction is very high," says Prof. Suresh Advani, President, Mody University.

Pervasive Wi-Fi is enabling teachers and students to collaborate more effectively. Teachers can use online resources confidently, without worrying about technical issues. Students can participate in study groups on campus and work together with students from other Indian and international universities, while also accessing global resources and a wider catalog of learning tools. When class is over, students can stay in touch with friends and loved ones far easier than before.

"Our vision is to be an institute of professional learning comparable to the best in the world, with special commitment to women's education and India's cultural heritage."

Shri Rajendra Prasad Mody
Chairman
Mody University

This connected learning environment has enabled Mody University to introduce enticing video-based undergraduate programs. One example, the international baccalaureate diploma, encourages students to excel not only in their studies, but also in their personal growth by considering local and global contexts and developing as multilingualists.

Shri Rajendra Prasad Mody, Honorable Chancellor, Mody University, concludes, "Our vision is to be an institute of professional learning comparable to the best in the world, with special commitment to women's education and India's cultural heritage."

For More Information

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www.cisco.com/go/security

Cisco Switches:
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Cisco Smart Net Total Care:
www.cisco.com/go/smartnet

Products and Services

Management
· Cisco Prime Infrastructure

Routing and Switching
· Cisco Catalyst 2960X Series Switches
· Cisco Catalyst 3850 and 6800 Series Switches

Wireless
· Cisco Aironet 1530 and 1700 Series Access Points

· Cisco 5500 Series Wireless Controllers

Security
· Cisco ASA 5500-X with FirePOWER

Services
· Cisco Smart Net Total Care

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