

SOA UNIVERSITY
BHUBANESWAR



Transforming Education With End-to-End Networking

CASE STUDY

Name : SOA UNIVERSITY

Industry : Education

Location : Bhubaneswar, Odisha

BACKGROUND

Siksha 'O' Anusandhan (SOA) Deemed to be University, located in Bhubaneswar, Odisha, is a prominent educational institution with a diverse and expansive presence. The university operates across multiple sites, encompassing a wide range of institutes, schools, and departments throughout Odisha, including Berhampur. SOA's vast ecosystem includes medical colleges, engineering colleges, a hospital, and various other academic and business verticals, making it one of the most comprehensive and multidisciplinary institutions in the region.

THE CHALLENGE

With a massive campus network spread across multiple locations in Odisha - including hospitals, medical colleges, and academic institutes. SOA University needed to upgrade its infrastructure with high-performance Fiber Distribution and Core Fiber Switches. The challenge was to provide a 10G backbone solution that could seamlessly integrate with their existing network. The client was looking for a reliable, compatible, and scalable solution across all sites and that's where Digisol stepped in.

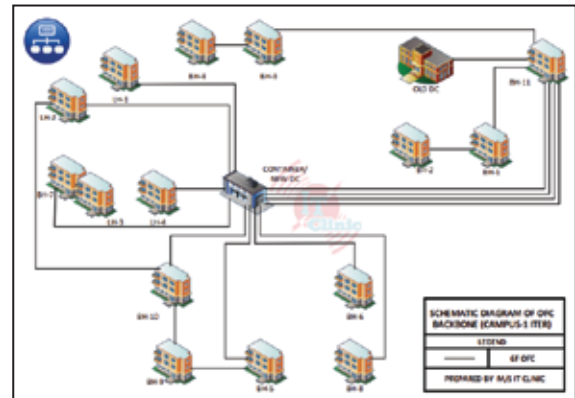
THE SOLUTION

To support SOA University's growing connectivity needs, Digisol delivered a smart, campus-wide network solution that was both cost-effective and feature-rich. We provided customized color-coded OFC cables for easy maintenance, in-wall access points in hostel rooms for strong, uninterrupted Wi-Fi, and a powerful setup with 40G stackable switches, 10G backbone, and 1G edge connectivity. With LSZH and outdoor-rated cables, the solution ensured enhanced safety, reliability, and long-term performance perfectly tailored for a multi-location educational environment.

THE OUTCOME

Digisol's smart and scalable network solution helped SOA University build a strong, future-ready digital foundation across its campuses. With reliable Wi-Fi in hostel rooms, high-speed connectivity through 10G and 40G switches, and easy-to-maintain color-coded cabling, the university now enjoys seamless performance and easier network management. The upgraded infrastructure has not only improved daily operations but also enhanced the overall learning experience for students and staff.

NETWORK DIAGRAM



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