

# Education Trust

## Empowering Education with Advanced Wireless Connectivity and Cloud Networking Management

### Customer at a glance



**Customer Name**

India's Education Trust



**Industry**

Education



**Location**

Mumbai, India



**Partner**

Blossom Inc



### Customer Background

This educational charitable trust is officially recognized in Mumbai, India. Their mission is to provide comprehensive development opportunities to more than 16,000 pupils. The nonprofit educational trust promotes and offers superior education from pre-school to post-graduation in the disciplines of business, management, information technology, and media.

*"We are overjoyed with Zyxel's new WiFi network that has changed the way of study for the school. The new network makes it easier to access educational resources and take part in online learning activities. Besides, it has greatly improved our connections with teachers and colleagues. Huge thanks to the Zyxel team throughout the process. As a significant distributor in this project, we feel fortunate to work with Zyxel."*

**Pranav Gupta**  
CEO, Blossom Inc

### Summary

The educational charitable trust in Mumbai was facing significant connectivity issues on its existing wireless network. The trust turned to Blossom, a value-added distributor with over 15 years of experience, for a solution that could upgrade their wireless network and provide reliable connectivity to all their users. That's when Zyxel came into the picture. Blossom offered a comprehensive Zyxel solution that effectively upgraded the wireless infrastructure by deploying new access points and implementing advanced cloud management tools to monitor and troubleshoot any issues that may arise. In order to achieve excellent connectivity performance, ensure broad coverage, and prevent interference in WiFi networks, WAC6103D-I access points were deployed in the classrooms, offering ultra-fast speeds of up to 1.75 Gbps with a ground-breaking dual-optimized antenna design. Additionally, NWA1123ACv3 access points were installed, delivering reliable connections to all areas of the building, with data rates of 1.2 Gbps. After installing the Zyxel access points, the trust saw a significant improvement in WiFi connectivity. In addition to the enhanced WiFi, they also benefited from easy management via Nebula's centralized cloud solution. As a result of this successful outcome, Zyxel has taken charge of the networking projects for other schools and colleges affiliated with the trust.

### Challenges

- Network infrastructure is insufficient to connect multiple classrooms
- Ensure cost-effective installation without sacrificing performance
- Device management is not centralized, making it hard to manage

### Benefits

- New network offers high speeds and performance for next-generation learning
- Scalable solutions with affordable equipment for an agile network
- Centralized cloud platform simplifies network management and monitoring

### Products Used

- WAC6103D-I 802.11ac Access Point
- NWA1123ACv3 802.11ac Access Point