



JAIN COLLEGE HOSTELS



BACKGROUND

Jain Group of Institutions is a dynamic and forward looking institution, committed to excellence in teaching, learning, enterprise and research. With immense strengths and credits, JGI has opened door to establish Jain College of Engineering in the academic year 2010-11.

Hostels of Jain College are spread across in Bangalore city and facilities are outsourced to a company. Internet facility to the hostel students was provided by another company with services below copacetic level and additionally customer was probing for a revenue share model.

BUSINESS REQUIREMENTS

In 2016, CSC approached I-ON to provide a robust Wi-Fi infrastructure. Hostel management needed to deploy an incipient wireless networking solution that could meet the following demands:

Capacity : Wireless network should provide adequate bandwidth to all students living on the campus.

Coverage : Wireless network must provide coverage for the entire Hostel and walls should not avert the perforation of the signal.

Reliability : The wireless connection must be stable and reliable.

Cost-eficacious Contrivances : Over 100 contrivances have to be installed at the location, consequently even diminutive savings for each contrivance would avail to keep the costs low.

Centralized Management : Network management must be intuitive and efficient, sanctioning network administrators to facilely manage and monitor the entire wireless network.

I-ON offered the seamless internet connectivity to the hostel students on the premises by establishing a Wi-Fi network in nine hostel blocks across the Bangalore city on build own and operate model with a capacity to connect 2000 subscribers.



SOLUTION OFFERED

To address these challenges, Jain College accommodation management cooperated with I-ON which leads to following solutions :

Reliable Wireless Performance and Coverage with Cost Effective solution -

Robust active and passive Wi-Fi infrastructure is always on the cards when you require a seamless wireless ecosystem and this is where I-ON is best in the field. Deploying 100 access points in the 9 hostel blocks, I-ON built an indoor Wi-Fi solution. The strong Wi-Fi network helped the user to access multiple devices with a single sign-in across the campus and thereby 11000 subscribers are on boarded with 70% concurrency rate.

The standard service includes an internet speed of 1 Mbps to each student with 5GB of download/upload data per month. Moreover, skilled onsite resources are available to address the issues and complaints of the students. The solution helped Jain College of Engineering in reducing Operation & Maintenance cost.

Facile-managed cluster mode -

All 100 APs are working under cluster mode which is very simple to be managed. The user simply need to browse to be able to set up configuration, therefore additional controller is not required.

BUSINESS BENEFITS

This solution helped Jain College of Engineering to focus on primary business of education while I-ON manages the communication network with skilled man-power constantly interacting with students through social media forums.

I-ON also provided a flexibility in the service for the technology savvy users who want a high speed connectivity by introducing paid model.

Students reported great satisfaction with the wireless experience. I-ON Solution provides a strong wireless signal in every corner of campus. Although over a hundred rooms are located at a campus, access points provide strong connection that can penetrate through walls easily due to high-quality hardware.

The centralized Wi-Fi management platform allows the Student accommodation's administrator to effortlessly manage and monitor the entire wireless network with great efficiency.

Wi-Fi coverage enhancement and Technology upgrade costs are carried out by I-ON as per the compliance policy of Jain College of Engineering and which results in a shared revenue model.



We are pioneer in our field. Join us to create a new era of digital connected community.

SEGMENTS -

- Residential
- Hospitality
- Campus Solution
- Healthcare
- Corporate
- Retail

 +91-80-4511-4500

 info@i-on.in

 www.i-on.in