

DON BOSCO INSTITUTE OF TECHNOLOGY

Don Bosco Institute of Technology (DBIT), established in 2001 is an institution that aims to provide high levels of teaching, research and extension activities in the field of technical education. It is located on a sprawling 36 acre campus in the sylvan south west suburb of the Bangalore city.



The Challenge

The college wanted to provide outstanding facilities with the computer lab having a wide range of platforms and hardware configurations to work with, making it the best in the state.

To upgrade the laboratory regularly with the most modern and sophisticated state-of-the art technology which would provide a challenging atmosphere for the students.

The solution expected by DBIT was that the clients should run applications under the centralized single-point software.

The college was looking for a standardized lab solution which is reliable for college environment mainly for first and second year engineering students. The solution expected by DBIT was “**cost effective, simpler management and security of data**”

“Thin client technology is a perfect solution for education. It made our work easier & simpler. The support from Parrus IT team is excellent”

Shamshekhar Patil
Prof. & HOD
Computer Science Engineering

The College facility is equipped with latest hardware and software technology.

The Computer Science and Engineering Department has well equipped laboratories with IBM servers and networked IBM systems.

Parrus IT provided a flexible and reliable solution in 2005 based on Neoware thin clients. These clients are installed in the first and second year degree college laboratories, connected to IBM Servers.

Solution Architecture

- Deployed Eon e100 thin clients
 - Connected to IBM Xeon Server, 3.0 GHz Processor, 3MB RAM.
 - C C++ applications.
 - D-Link wireless connectivity Round the clock Internet facility
- Systems are installed with software like - Microsoft Windows 2003 Server, Linux Server & Database Server, MS Windows XP Professional, Linux Fedora 10.0, Oracle 9i and Visual Studio, Internet

“We have found Thin Client Technology to be very good fit for education environment in terms of performance, simple administration and data security”



Dr. H. Chandrakanath
Principal
Don Bosco Institute of Technology