

Election Software 2007-08

BITS Pilani, Goa Campus

Software/Technologies used-

1. WAMP server (MySQL, Apache Server with PHP support)
2. Windows XP machines (Intel 2.4 GHz , Dual core, 1GB RAM)

Bits student elections are conducted in the first semester each year. This year it was the first time the campus was at its maximum capacity i.e. 2300 students, with students in all the respective years.

The election procedure was hence planned to make the election procedure as smooth as possible.

With around 180 computers available for the election it was planned that for the election process the computers be divided into 6 numbers of cubicles, each having around 30 computers. This was done to minimize the load on the central server.

Each cubicle is connected to its secondary server on which the election votes of that cubicle are stored. And all the secondary servers were connected to the main server on which all the votes were compiled together. Each server sent its data to the main server at an interval of 7 seconds.

