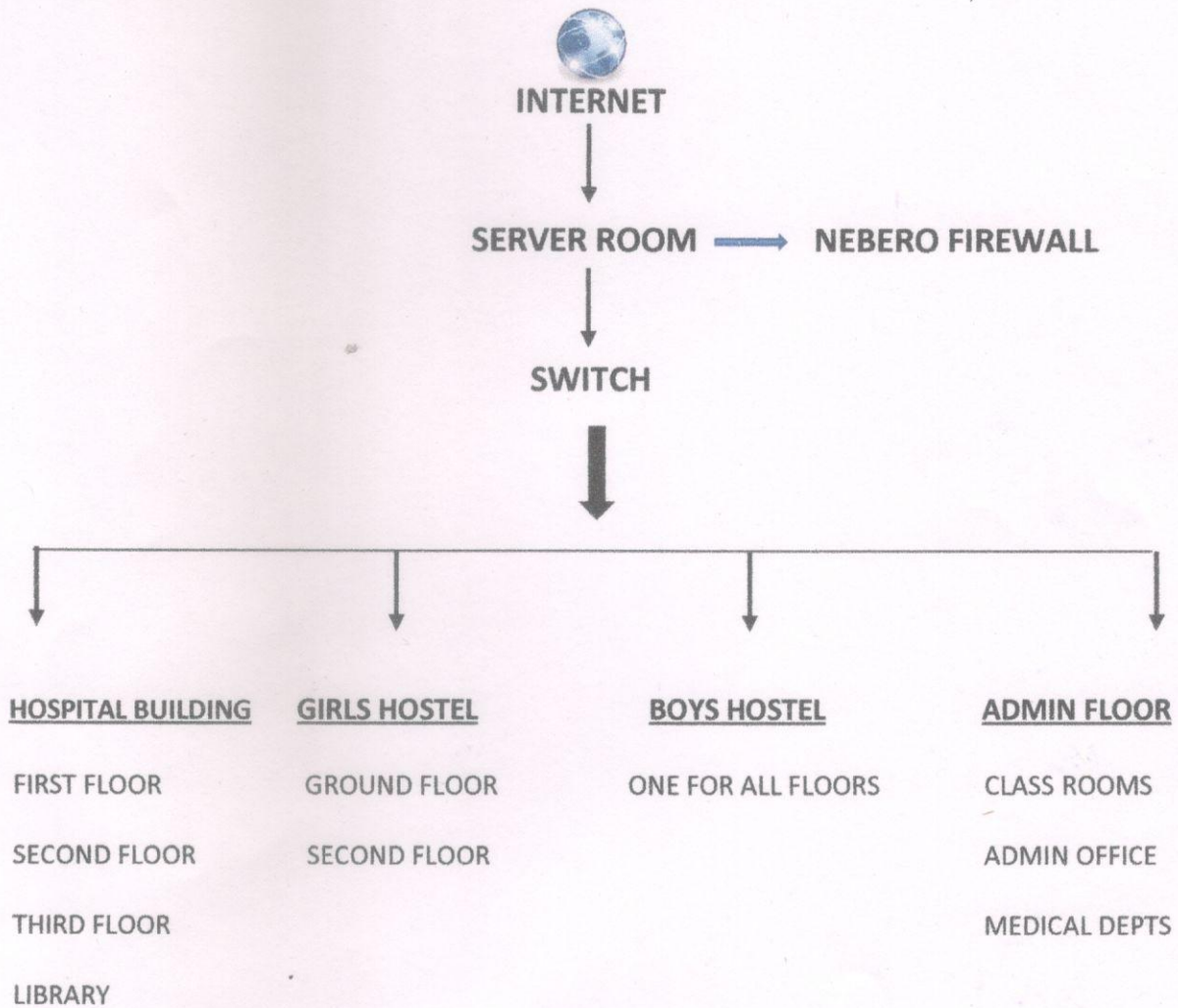





Baba Jaswant Singh Dental College, Hospital & Research Institute
Chandigarh Road, Ludhiana 141 010, Punjab (India) Phone: 0161-5055162, 2677367
Fax: 0161 - 2677326 E-mail: bjsdental@rediffmail.com

DIGITAL CAMPUS ARCHITECTURE

Network Diagram – Server Room to Building Connectivity




Principal
Baba Jaswant Singh Dental College
& Research Institute, Ludhiana



Baba Jaswant Singh Dental College, Hospital & Research Institute

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SOLUTION ARCHITECTURE

| Client | Network | Application | Data | Web services |
|------------------|-----------|----------------------|-----------------|------------------|
| Super Admin | Internet | University ERP | Common database | e- mail services |
| Top management | Local LAN | Hospital ERP | Web services | SMS gateway |
| Department admin | Wi-Fi | Research software | | Biometrics |
| Students | Wi- fi | Staff and student ID | | Net banking |
| Patient services | | | | Soft system |
| Office | Local LAN | | | Soft system |

ABS

Principal

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Hospital & Research Institute, Ludhiana



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E- Governance in Administration

- All servers, desktops and laptops are licensed with proper Microsoft licenses.
- Attendance is captured by Biometric devices
- All servers are protected by Antivirus
- All the websites are maintained regularly by Kalsi IT solutions

E- Governance in Finance and Accounts

- To fulfil needs of accounting and finance soft software is used and updated from time to time
- For all online payments, a separate portal for payment gateway is available from Net-PNB

E- Governance in Students Admission and Examination Support

- BFUHS portal is used for facilitating Admissions and Examination of students.
- The university time schedule for Examination is followed.
- The learning facilities for examination are E- enabled. Projectors have been installed in all lecture halls/classrooms/library to undertake computer aided teaching / learning as well as for presentations.

H.S.

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Hospital & Research Institute, Ludhiana



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E- governance in general

- The institute has been equipped with internet lease line from Net Plus Broadband
- All the servers are placed in the server room and are not at all accessible from outside the campus
- From the server room, the network is distributed to all buildings
- All the network switches are managed with VLAN

INTEGRATED SOLUTION FRAMEWORK

| | | | |
|-------------------|-----------------------------|---------------------|--------------------------|
| Colleges | Admission | Fee Schedule | Library |
| Department | Students | Examinations | Alumni |
| Programs | Time table | Results | Feedback |
| Semesters | Attendance | Marksheet | Reports |
| Subject | Assignments | Certificates | Hospital services |
| Faculties | Clinical postings | | Pharmacy |
| Syllabus | Internal assessments | | Stores |
| | Field visits | | |

ALS

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Baba Jaswant Singh Dental College
Hospital & Research Institute, Ludhiana