

Information Technology Group (ITG)

The Information Technology group at AIIMS Bhopal is a bunch of few professionals, who have right from the beginning provided the much needed computer hardware, networking , software development, tendering process, training, and stand as a backbone of AIIMS Bhopal for all its IT needs. The following are some of the work areas that the ITG AIIMS Bhopal provides:

Work Areas:

Website In-house website was developed. It is regularly updated and maintained. It had over 1 crore hits. It hosts not only our information, all the tenders, jobs, on-line application and several other intranet applications – aiimsbhopal.edu.in

Software Most of the software regularly used and the applications that are popular in AIIMS Bhopal have been developed by ITG

Communication ITG secures dedicated, post-scripted AIIMS Bhopal URL email accounts for all its staff, faculty and students. ITG ensures safe and trustworthy internet & intranet communication.

Governance Sensitive information & data is maintained in a secure trustworthy environment. Highest ethics in governance and watch-dog activity to prevent any eavesdropping.

Infrastructure/Networking A setup of computers and network is constantly planned for various buildings like college, hostels and hospital to ensure security and functionality. This has allowed a very effective internet & intranet with the available NKN and BSNL lines.

Data Management

All documents are now stored digitally mostly on cloud. This helps the data to be available for everyone in the organization regardless of their location. Managing this data and making sure is the IT department's responsibility.

Recruitment: IT is handling recruitment process, managing online registration, preparing sheets for evaluation, audio visual support during recruitment etc.

Tendering: IT department is also participating in tender creation, writing specifications, publishing of tenders & corrigendum on CPPP & AIIMS Bhopal Website, evaluation (Technical & Financial Report). Going forward in the direction of *e-tendering*.

Audio visual: The audio visual support for all the Conferences, Workshops, Meeting, Seminar, Lectures is being carried out by IT

Research & Development (R & D): We apply innovation in our work and use cutting edge technology, upgrade our skills doing continuous research in our field because of continuous technology change and changing preference of users.

Software Applications developed by ITG AIIMS Bhopal

| SN | Application Name | Features | Key Success |
|----|--|---|--|
| 1. | Patient Management & Investigation System | <ol style="list-style-type: none"> Admin can manage patient Role base security Unique id generation Payment management of patients | Over 60,000 patients registered through this application |
| 2. | Website <i>aiimsbhopal.edu.in</i> <i>nursing.aiimsbhopal.edu.in</i> <i>abeu.aiimsbhopal.edu.in</i> | Simplicity, Fast Loading pages, Minimal scroll, Cross- browser compatibility, visually appealing, polished & professional. | Institute website reaching to 1 Crore hits |
| 3 | Event Management System | <ol style="list-style-type: none"> Role base security One click print of registration details Data report (xls, pdf & doc) Email verification of user Unique Id for registered user | >12 events has been successfully done |
| 4 | Hostel Management System | <ol style="list-style-type: none"> L-shaped structure of rooms as in Hostel Color coding for room availability Get details on Mouse Hover | Maintain Dossier of all the students (MBBS -2012, 2013 & Nursing 2013) |
| 5 | MBBS 2012 Result | Student could see their result online by entering their roll number only | MBBS 2012 batch students saw their result with this app |
| 6 | Payroll Management System | <p>This application has three modules Admin, Manager and Employee</p> <p>Admin, Manager & Employee</p> <ol style="list-style-type: none"> Manager- Employee Chat System View salary (current & Previous months) | |
| 7 | Annual Performance Appraisal Report | <ul style="list-style-type: none"> Faculty can self-appraise themselves Stores faculty publications | Approx all the faculty have filled their APAR form |
| 8 | Electricity Bill Generation | <p>Consist of 2 modules</p> <p>Admin: Manage, re-allot, de-allot resident. Generate and Update electricity bill for each resident & other non domestic places. Export Bill records & maintain record of amount collected by admin</p> <p>User:- View bill details like(Consumption of Units & Total Amount to be paid) and get bill on Email of current month</p> | Admin gerates bill for residents and the bill automatically reaches via mail to their respective mail ID. |
| 9 | Inventory Management | <p>3 Modules:</p> <p>Central ,Department & IT Stores</p> <ol style="list-style-type: none"> Check stock of goods in primary store Issue,Re-allocate & return items to departments or central store. maintain stock entry Maintain buffer stock in their modules | For testing application is implemented in IT department and it is working properly. |
| 10 | Enterprise Resource Planning Software(Intranet) | IT team has integrated several modules for intranet mentioned above so that faculty will became able to access all these areas from a single login , we are also planning to develop several other modules to add it in | Now faculty can view their profile, can view birthday of any other faculty, can view their pay slip and Electricity bill from a single login area. |

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| | | intranet. | |
| 11 | CFM Surveillance | Provide help in decision making and statistics | Collection of raw data from remote area |

Hardware & Network Support:

1. Procurement, Installation, Configuration & Management of Network devices like Routers & Switches etc.
2. Configuration & Management of BSNL & NKN Lease line
3. Installation, Configuration & Maintenance of System Software (Window and Linux Operating System) in Laptops, Desktops.
4. Installation & Configuration of different Application software (Outlook, Tally, SPSS, Auto Cad, MS office.
5. Patch updates, OS update, security integration, virus detection and removal.
6. Create proxy server and install web server for using BSNL network & NKN network.
7. Configured FTP Server.
8. Telephone Installation & Support.
9. Resolving Hardware, Print, and Network Connectivity Issues.
10. Day to day troubleshooting & Maintenance of Hardware & Network