

DIGITAL CAMPUS ARCHITECTURE (E-GOVERNANCE)



MGM Institute of Health Sciences

(Deemed to be University u/s 3 of UGC Act, 1956)

Grade “A” Accredited by NAAC

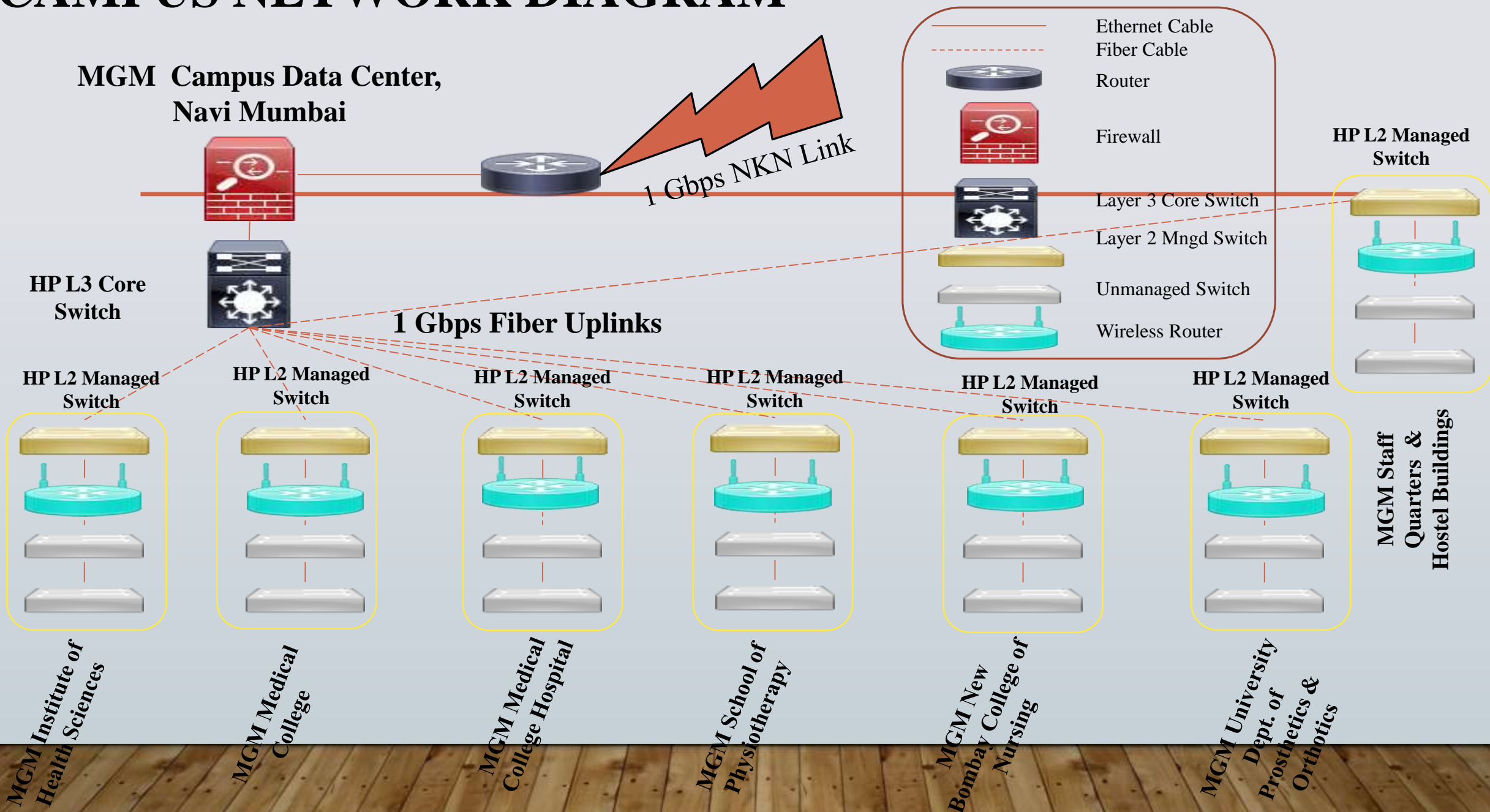
Sector-01, Kamothe, Navi Mumbai - 410 209.

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<https://www.mgmuhs.com>

CAMPUS NETWORK DIAGRAM

**MGM Campus Data Center,
Navi Mumbai**



*MGM Institute of
Health Sciences*

*MGM Medical
College*

*MGM Medical
College Hospital*

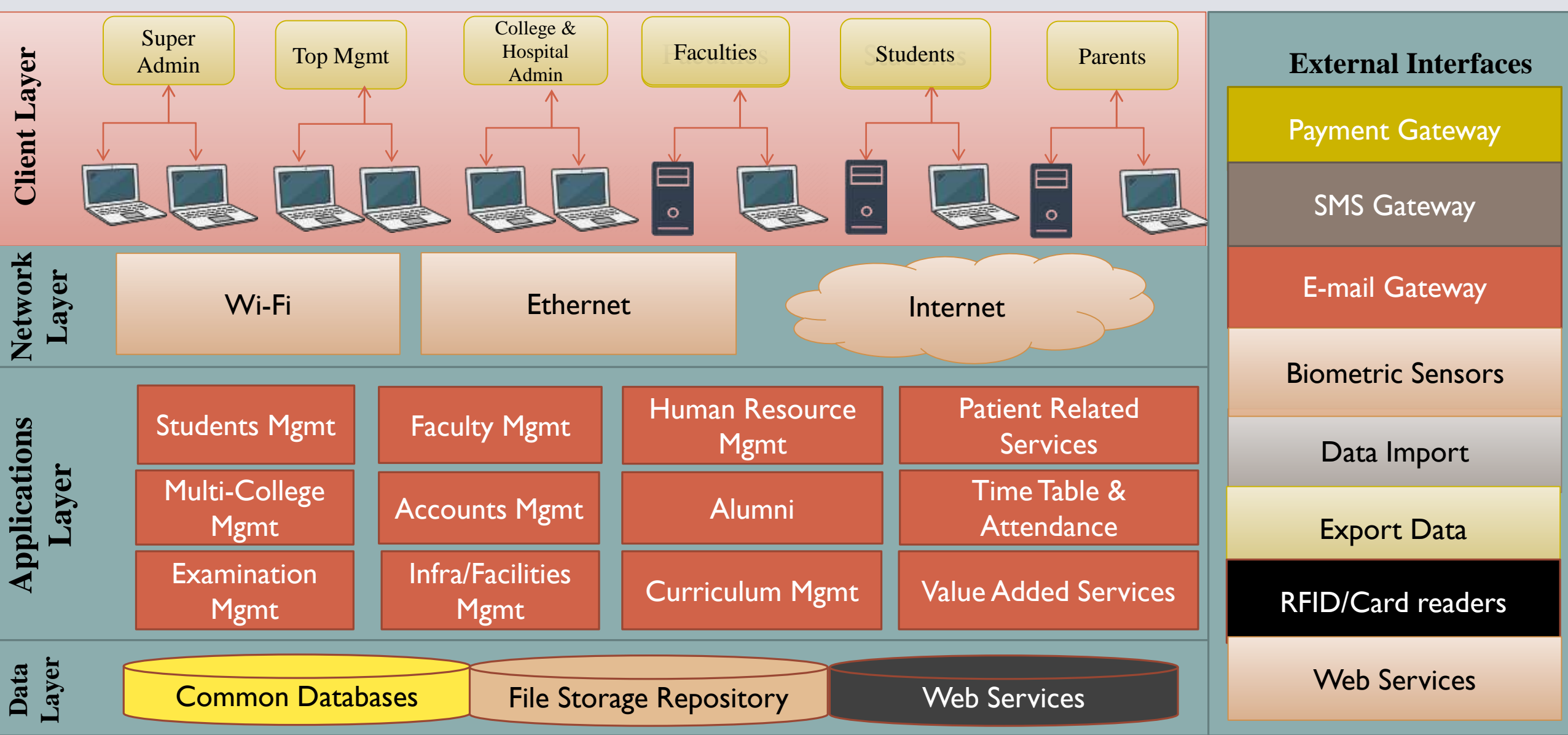
*MGM School of
Physiotherapy*

*MGM New
Bombay College of
Nursing*

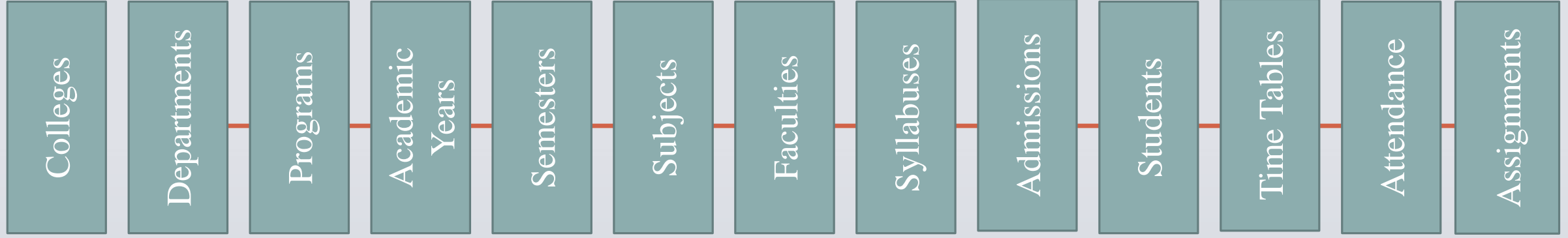
*MGM University
Dept. of
Prosthetics &
Orthotics*

**MGM Staff
Quarters &
Hostel Buildings**

SOLUTION ARCHITECTURE



INTEGRATED SOLUTION FRAMEWORK



Digital Campus Framework



E- GOVERNANCE IN MGMIHS

- E-governance means 'electronic governance'. It is application of Information Technology in the organization's functioning in order to have good and smart governance.
- Smart here refers to 'Simple, Moral, Accountable, Responsive and Transparent'. This involves using information and communication technology by Organization to have transparent dealings with different users.
- MGMIHS is backed up with the Internet Leased Line of 1 Gbps from NKN, which gets terminated in the Data Centre.
- The network is protected and controlled by Cyberoam CRI 500iNG-xp Firewall.
- All the servers are placed in the Data Center and is not at all accessible from outside the campus.
- From the Data Center, the network is distributed to all constituent units of MGMIHS via 1 Gbps Fiber Uplinks.
- Institutes Databases are uploaded on Government web portals i.e. NAAC, NIC, MHRD, UGC, MCI, DMER, DCI, AICTE, DTE, Mumbai University & MJPJAY portals .

E-GOVERNANCE IN PLANNING & DEVELOPMENT

- All the stake holders being stationed in different campuses viz. Navi Mumbai and Aurangabad communicate with each other via Video Conferencing in all the Board Meetings
- All Video Conferencing is done with the help of CISCO Telepresence S X 20 unit which equipped in the respective Board Rooms.
- All the websites are maintained / updated regularly and are under Annual Maintenance Contract with SkyQ Infotech

E-GOVERNANCE IN ADMINISTRATION

- All Hospital related activities are automated with HIMS, LIMS, PACS, & Pharmacy Software in place.
- Attendance is being captured by means of Biometric Sensors / Device at each location and institute.
- All the desktops, laptops and Servers are licensed with proper Microsoft Licenses and are protected by Updated Antivirus system.
- MGMIHS has an MoU signed with Almashines Technologies which provides a dedicated platform for managing all the events/ activities related to Alumni.

E-GOVERNANCE IN FINANCE & ACCOUNTS

- All the activities related to Fees such Migration Fees, Eligibility Fees etc. are automated and online
- For catering the needs of Accounting and Finances, Tally is in place and is updated to its latest version
- All the online payments are governed by means of the payment gateway i.e. IDBI Bank Pay Online.

E-GOVERNANCE IN STUDENT ADMISSION & SUPPORT

- The admission module has been made automated.
- Academic Modules are automated with the help of an ERP solution viz. CloudEMS.
- Training programs are conducted for faculty and postgraduates to make them familiar in the operation of IBM-SPSS installed in MGM Central Library.
- The library and information services activities have been made fully automated using KOHA: ILMS with integrated In/Out system.
- LCD projectors interfaced with computers have been installed in all the Lecture Halls/Class Rooms to undertake Computer-Aided Teaching/Learning as well as for presentations
- All OT's are connected to the AV rooms.

E-GOVERNANCE IN EXAMINATION

- Examination Modules have been made fully automated
- Modules of the Examination Management System is hosted on an in-house dedicated server.
- The theory/practical evaluation process is automated