

CRITERION 8

INFRASTRUCTURE

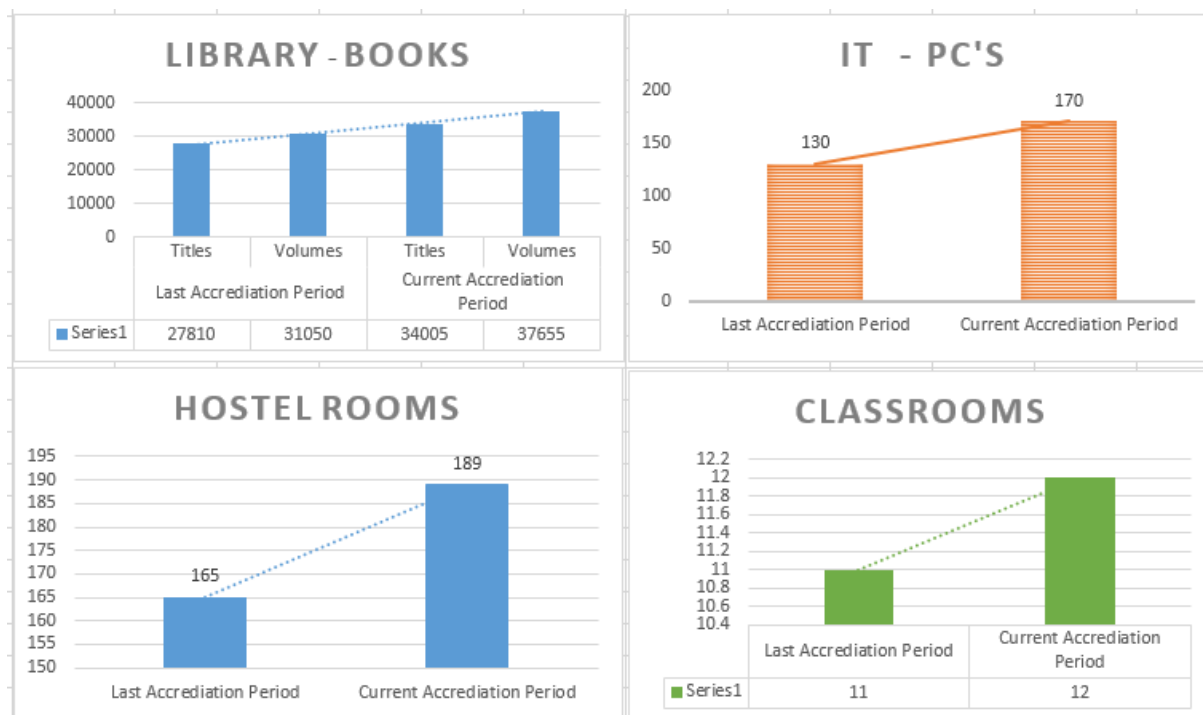
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8.1 CLASSROOMS & LEARNING FACILITIES (10)

(Availability of adequate, well-equipped classrooms to meet the curriculum requirements. Availability of learning facilities, utilization; initiatives to ensure students learning)

XIME has a total built up area of 1,42,308.61 Sq. Ft for academic purposes and 13,912.05 Sq. Ft area for administrative purposes.

The learning spaces of the Institute are put to excellent use by the students. The classrooms are open for studies, group discussions etc. even outside the regular class hours. Regular classes start every day at 8.30 am. XIME follows a six-day work week. On Saturdays students organize many programmes as a part of the activities of various clubs. There are also sessions featuring guest faculty and by experts from industry. The data below gives a glimpse of the infrastructure available at XIME including the hostels (Triple Sharing), Laboratories, and the IT Infrastructure (No of PC's available and No of PC's added after last accreditation.):



The upkeep and maintenance of all these facilities is the responsibility of the administration. There is a team to do preventive maintenance also. There are cleaning staff who take care of the upkeep and maintenance for their part.

Details of the available infrastructure of the Institute are presented in the tables below:

- a) **Classrooms** - The institute has sufficient class rooms that are well equipped to meet the curriculum and pedagogic requirements. The following table lists the classrooms, area in sq m along with their respective building and floor location:

Room Id/Name	Area In Sqm.	Floor Number	Building Name
G – 1	91	Ground	Main Building
F – 1	91	First	Main Building
F – 2	118.3	First	Main Building
F – 3	71	First	Main Building

S – 1	91	Second	Main Building
S – 3	101.5	Second	Main Building
S – 8	88.5	Second	Main Building
10 th Batch Hall	94.5	First	Arch Bishop Alphonsus Mathias Block
1 st Batch Hall	94.5	First	Arch Bishop Alphonsus Mathias Block
V O Sebastian Hall	111.6	Ground	Arch Bishop Alphonsus Mathias Block
Dr. J. Alexander Hall	189	First	Arch Bishop Alphonsus Mathias Block

b) **Other Learning Facilities** - The following table lists other infrastructure facilities like conference rooms, Auditoria, Computer Lab and Tutorial Rooms along with their respective building location and floor number.

Room Id/Name	Room Type	Area (Sqm.)	Floor Number	Building Name
Biocon Hall	Conference Room	101.5	First	Main Building
Computer Lab	Computer Laboratory	150	First	Main Building
T – 1	Tutorial Room	39.85	First	Main Building
M S Oberoi Hall	Auditorium	370.7	First	Main Building
Devi Ravindranathan Hall	Conference Room	126.70	Second	Main Building
Board Room	Conference Room	35	Second	Main Building

C. J. Kuncheria Hall	Conference Room	125.8	Second	Main Building
J. Philip Auditorium	Auditorium	697.30	Second	Main Building
Fr. McGrath Hall	Tutorial Room	91	Ground	Arch Bishop Alphonusus Mathias Block
Incubation Center	ELC-Centre of Excellence	60	Second	Arch Bishop Alphonusus Mathias Block
IoT Lab	Laboratory	34	Second	Arch Bishop Alphonusus Mathias Block
Design ThinkingLab	Laboratory	70.84	Second	Arch Bishop Alphonusus Mathias Block

J. Philip auditorium along with M. S Oberoi Hall together have a seating capacity of 750. The Seminar rooms / Conference Halls which include Biocon, Devi Ravindranathan Hall, Board Room and C.J. Kuncheria Hall have an aggregate seating capacity of 190.

c) **Administrative and Common Spaces:** The following table lists the faculty rooms / cabins, administrative area, students' cafeteria and recreational activity rooms along with their building location and Floor number.

Room Id/Name	Room Type	Area In Sqm.	Floor	Building Name
Faculty Rooms	Cabins	34.03	Second	Arch Bishop Alphonusus Mathias Block

Cafeteria- 2	Cafeteria / Restaurant	183.6	Ground	Arch Bishop Alphonsus Mathias Block
Common	Studio / Material Museum	70.84	Ground	Arch Bishop Alphonsus Mathias Block
Gym	Studio	156.17	Second	Arch Bishop Alphonsus Mathias Block
Cd1	Principal Directors Office	50.7	Ground	Main Building
Gf Hod	Cabin For Head Of Dept	25.59	Ground	Main Building
Fac Ff1	Faculty Room	13.23	First	Main Building
Fac Ff2	Faculty Room	15.08	First	Main Building
Fac Ff3	Faculty Room	88.36	First	Main Building
Fac Ff4	Faculty Room	23.98	First	Main Building
Fac Gf 1	Faculty Room	13.23	Ground	Main Building
Fac Gf2	Faculty Room	15.18	Ground	Main Building
Fac Gf3	Faculty Room	80.37	Ground	Main Building
Fac Sf1	Faculty Room	13.23	Second	Main Building
Fac Sf2	Faculty Room	15.08	Second	Main Building
Fac Sf3	Faculty Room	82.9	Second	Main Building
Fac MDP 1	Faculty Room	34.44	First	MDP Building
Plo	Placement Office	33.5	First	Main Building
Gf Ex.Ctr	Exam Control Office	51.48	Ground	Main Building
Sec.Of	Department Office	38.26	Ground	Main Building
Cafeteria – 1	Cafeteria / Restaurant	187.5	Ground	Main Building

d) Learning Facilities – Technology Resources

- All students are advised to bring their own laptops at the time of joining the institute.
- Students can also use the 60 networked workstations which are available in the Computer Lab.
- Internet Leased Line 2 x 100 Mbps; For Wi-Fi - 108 Access points (64 – Academic, 44 – hostel)
- Use of facilities: The students are adept at using laptops / computers in the computer Lab. They are given assignments and projects regularly that necessitate use of computers.
- Students are guided on how to use modern software, gadgets and the videoconferencing facility.
- Students utilize the Institute's ample e-learning resources extensively to augment the learning processes being constantly encouraged by the faculty.

e) Other Facilities

- RO plants are installed in many locations on the campus so that continuous supply of clean drinking water is ensured.
- An Incinerator has been installed in the ladies' hostel for waste disposal.
- STP – the Sewage Treatment Plant is installed behind the hostel premises.
- Separate toilets for girls and boys are provided in all academic buildings
- Sufficient water and flush facilities are available in the toilets.
- Toilets are kept sedulously neat and cleaned thrice a day.
- The campus has lush green lawns and many trees.

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- Parking lots are available for the faculty, students and guests.

8.2 LIBRARY (10)

(Quality of learning resources (hard/soft), Relevance of available learning resources including e-resources, Accessibility to students)

The XIME library gives extensive support to teaching, learning and research activities. It has large numbers of up-to-date books, research journals, periodicals in management and allied subjects in both print and digital formats. The library is open from 8.30 am to 9 pm every day. Online resources are available to students and faculty 24/7. The library has the necessary support staff to provide effective services.

- The Library offers a wide spectrum of services such as reference, research support, facility of circulation, database for course and MDP/OBP support, user guidance, photocopying, bibliography, document delivery, online catalogue and display of latest book additions.
- The library provides access for all students, faculty, and visiting faculty to the subscribed online databases and the e-contents through library networks.
- The Library Management System (**Koha**) facilitates easy location of books.
- Internet access, image scanning and CD/DVD recording of material.
- Links to useful free access resources are given on the library webpage so that the faculty and students can those resources.
- Reprographic facilities are also available in the library.
- XIME is a member of the National Digital Library.



Library XIME Bangalore

The resource details of the library are provided below.

SI No	Items	Availability Details
1.	Area	483.65 Square meters
2.	Total printed books	37533
3.	Titles	34005
4.	Journals- National: 66 Journals – International: 31	97
5.	Periodicals- National: 43 Periodicals – International :12	55
6.	Online Resources - Subscribed: 7 Online Resources - Free: 8	15
7.	E-books NDL (National Digital Library)	186,020
8.	Seating Capacity	95
9.	Bound Volumes	2713
10.	Newspapers	10

11.	Computers with Internet Connectivity	11
12.	Biometric / E-gate Attendance	1 Barcode scanner
13.	Wi-Fi Connectivity	Yes. Both wi-fi and LAN
14.	Availability of Library Management Software	KOHA
15.	Automation for Search, Indexing, etc	OPAC
16.	Project Reports	3070
17.	Company Reports	127
18.	CDs / Videos	679
19.	DELNET (online)	Active
20.	EBSCO Business Source Elite (online)	Active
21.	Refinitive Eikon (online)	Active
22.	STATISTA (online)	Active
23.	Harvard Case Repositories (online)	Active
24.	Sage Journals (27) (online)	Active
25.	Turnitin - Plagiarism Check (www.turnitin.com)	Active

List the Library Services Below

- Book issue and return: using Library Automation (KOHA Software)
- Book search: OPAC (Online Public Access Catalog)
- Reprographic facilities: Print out, Scan and Xerox
- Classification of Books: According to DDC
- Issuing Textbooks: Issued for each Term

- Notice Board: Current Awareness Service (CAS)
- XIME Publications:
 - ✓ Journal of Management Entrepreneurship (JME): Quarterly
 - ✓ XIME News

Circulation Services:

Circulation of library materials will be done according to the following table:

User Category	No. of Books	Retention Period (in days)	Renewal (in days)	Number of Renewals
Students	03	15 days	15 days	3
Faculty	15	90 days	15 days	2

8.3. IT INFRASTRUCTURE (15)

(Availability of composite hardware, software, network resources and services required for the existence, operation and management of an institution's IT environment.)

XIME recognizes the importance of technology in education, so the Institute makes it a point to update and maintain its IT facilities regularly. The institute uses IT to provide a competitive advantage in the core areas of education and research. The IT-facilities include Computers, Laptops, Printers, Scanners, Projectors, Software programs, Interactive Teaching box, Digital Camera, Photocopier, Pen drives, mobile phones and Video camera recorder for capturing photos, make videos, etc.

The below table lists the items available under I.T Infrastructure.

SI No	Items	No	Locations
1.	Computers	170	Classrooms, Faculty Cabin, Staff





2.	Laptops	9	With Faculty and Staff
3.	LCD Projectors	13	Class Rooms
4.	Interactive Boards	3	S3, S8, CJ Kuncheria Hall,
5.	Smart Boards	2	Devi Ravindranathan Hall, Bioconn
6.	Video Camera	1	Auditorium
7.	Still Camera	1	Auditorium

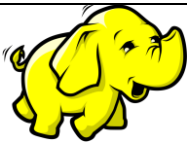







The Institute aims at providing uninterrupted services to all stakeholders. Viz. faculty, officers, staff and students. It has introduced Google Workspace for Education Fundamentals — a free suite of easy-to-use tools that provide a flexible and secure foundation for learning, collaboration, and communication. The faculty, non-teaching staff, visiting faculty and students are provided with their own Suite mail IDs.



The facilities available at XIME to ensure provision of the technical resources mentioned above are:

- 170 PCs connected across the network
- Wired and WIFI enabled campus including hostel rooms
- Students use the networked workstations which are available in the Computer Lab.
- Software for creating presentations, data analysis, word processing, image capture and modification, statistical analysis and multimedia activity are installed in the PCs which are available at the Computer Lab.
- Students can have access to G-Drive which is secured with their email address and password.

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- Backup using the Network Attached Storage for Examinations, Accounts and Admissions PC.
 - Firewall to take care of security issues.
 - Wi-fi on the campus and at the Hostels - 2 x 100 Mbps internet.
 - Latest Software Packages such as Tableau, SPSS, R and MS Projects.
 - Anti-Plagiarism software are used by both faculty and students in connection with project / research reports and the related licenses are renewed from time to time.
 - Video Conferencing facility
 - Networked printers and copier machines
 - Research Centre PCs and the installed software facilitate students' research.

S. No.	Logo	Software	Licensed/Free
1.		SPSS	Licensed
2.		MS office	Licensed
3.		R	Free Software
4.		Tableau	Free Software

5.		Hadoop	Free Software
6.	 Power BI	Power BI	Free Licensed
7.		R Studio	Free Software
8.		Adobe pro	Licensed
9.		Moodle	Free Software
10.		MS Project	Licensed
11.		Mettl – To conduct online Exams	Pay per usage
12.		Zoom – Video conferencing	Licensed

13.		Slido – Forms Responses	Licensed
14.		Turnitin – Plagiarism Checker	Licensed

During the COVID-19 pandemic, classes were conducted through Zoom/Google Classroom platform. The examinations were conducted using 'Mettl', an online AI – based proctoring software.



Research Centre, XIME Bangalore

8.4 LEARNING MANAGEMENT SYSTEM (10)

(Use of software application for the administration, documentation, tracking, reporting and delivery of electronic educational technology (also called e-learning) courses or training programs)

XIME uses an effective Academic ERP System providing a well-integrated Learning Management System which:

- Helps educators save time with Classroom and other assignments by facilitating course design, organizing classwork, distributing assessments, and sharing feedback
- Ensures consistent, transparent grading and feedback with rubrics / marks awarded.
- Helps educators streamline workloads by posting and scheduling coursework and building to-do lists in Classroom.

The below table lists the different LMS used over a period of time:

Year	Software used	License Type
2019 – 2020	Google Classroom	Free
2020 – 2021	Google Classroom	Free
2021 – 2022	Collpoll (ERP)	Licensed
2022 – 2023	Collpoll (ERP)	Licensed

E- Learning systems help in the effective sharing of information. They also support various interactive media like document sharing, video presentation and file sharing. Students can keep track of their own attendance subject wise and the faculty could map the course outcomes relating to the topics covered so as to track the CO covered during the course. Faculty can enter the marks for different assessments which helps them to track the CO PO mapping as well. The ERP System moreover helps the faculty to plan for the sessions well in advance. They can also share Pre- reads with the students thereby helping them to actively take part in class discussions.

8.5 HOSTELS (10)

XIME is a fully residential Institute with separate hostels for men and women. The hostels are located within the campus. The hostels were built with the aim to provide decent and affordable accommodation and other allied facilities to the students. They help:

- Outstation students save the trouble of finding safe and clean accommodation in the vicinity of the Institute.
- Students utilize the Institute's facilities such as the library, computer laboratory and Internet facility more intensively.
- Students to participate better in group discussions and other community activities without worrying about returning to their residences on time.
- Students from different states and backgrounds to improve their sensitivity to diverse cultures and through the daily routines of living together.
- To benefit from, a better learning environment on the bed and board front.



New ladies hostel “**Rev. Sister Prameela Hostel**”
Inaugurated on 25th September 2021.

Hostel with capacity

Girls' Hostel		
Number of Rooms	Hostel Capacity	Location
86	258	Main Campus
Boys' Hostel		
Number of Rooms	Hostel Capacity	Location
81	243	Dr. Alphonse Mathais Block
Guest Rooms		
Number of Rooms	Capacity	Location
22	66	Dr. Alphonse Mathais Block



A Hostel Room: (Approx 22.6 Sq.m)

The Hostel facilities include:

- Well-lit, spacious rooms
- All basic amenities including 24-hour hot water supply
- Internet facility (Wi-Fi enabled)
- Gym facilities (Separate for men and Women)
- Facilities for Badminton, Table Tennis, Billiards, Basketball Volleyball and Tennis.
- A common room with indoor games and entertainment gear.

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- Washing Machines.

The Institute canteen is run by a contractor. A mess committee consisting of students and faculty oversees the menu and related canteen services. Students are charged on the basis of actual payments made to the contractor.

8.6. SPORTS FACILITY (10)

Sports have a pivotal role in shaping one's personality and maintaining good health. In XIME there are adequate sports facilities for both men and women.

All students are encouraged to take an active part in at least one outdoor activity. Intra collegiate league matches are also encouraged. Every year, under the leadership of the sports club, intra - collegiate tournaments organised.

8.6.1 Indoor games (5)

Following indoor sports facilities are available:

- Billiards - 1 No.
- Table tennis - 3 Nos.
- Carom - 5 Nos.
- Chess - 4 Nos.

8.6.2. Outdoor games (5)

- One Football Ground with flood lights, measuring 878 square meters.
- One Basketball Court with flood lights and link mesh around the court. The court is of 268 square meters. Being one of the most popular college sports, in colleges, basketball is played with enjoyment by a large number of students in the evenings.
- One Tennis Court with flood lights. The court is of 261 square meters.
- One Volleyball court with flood lights and link mesh fencing. The court is of

167 square meters.

- Two separate badminton Courts separate for Men and Women



Basket Ball Court

8.7. MEDICAL FACILITY (10)

- XIME has engaged a qualified medical doctor, who is available on the campus on an average of 10 – 12 hours a week. This is as per the MoU signed between a hospital (Vimalalaya hospital) and XIME. A medical room has been set up at Dr. Alphonse Mathais Block and the Students and staff can meet the Doctor as well as obtain prescriptions free of cost.
- If further investigation and treatment are required, the student or the faculty concerned can visit the Vimalalaya Hospital with which the Institute has signed an agreement. The doctor at the hospital also responds to emergency calls.
- If a higher level of treatment is required, the Institute's transport can be used to visit hospital(s) and the warden is authorized to provide it. The student patient is escorted by the staff along with the Health Captain of the hostel.

d) XIME provides **Medical Insurance Policy** for the students and staff through the SBI Insurance. Details for the current policy.

Group Health Policy No : 410119100000001110-01
Starts on : 01.10.2021
Total Sum Insured : 20, 52, 00, 000.00

Covers	LIMITS
Family Definition	Individual - SELF.
Type of Cover	Individual
Sum Insured	3,00,000.00
In-Patient	Maximum limit : 3,00,000.00
Congenital Disease	Maximum limit : 3,00,000.00
Pre-Existing Disease	Maximum limit : 2,00,000.00
Domiciliary	Maximum limit : 20,000.00, 20.0% OF IN-PATIENT
Bed Limit	Maximum limit : 3,000.00, 1.0% OF IN-PATIENT
Intensive Care Unit	Maximum limit : 6,000.00, 2.0% OF IN-PATIENT
Ambulance Only	Maximum limit : 1,500.00
Pre Hospitalization	Yes 30.0 day(s)
Post Hospitalization	Yes 60.0 day(s)
COPAY	Yes, 10 %

e) **XIME provides a Group Personal Accident Insurance Policy**

Details for the current policy

Personal Accident Policy No : 4102201200001091-00
Start on : 12.12.2021
Total Sum Insured : 5, 00, 000

Covers	LIMITS
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Family Definition	Student & one earning parent
Type of Cover	Personal Accident
Sum Insured	5,00,000
Terrorism	Covered for all
Accidental Death	Covered for all
Permanent Total Disablement	Covered for all
Permanent Partial Disablement	Covered for all

f) XIME Provides Medical Insurance for Staff

Covers	LIMITS Staff
Family Definition	Individual - SELF. + spouse + Dependent Children
Type of Cover	Family
Sum Insured	4,00,000.00
In-patient	Maximum limit : 4,00,000.00
Congenital disease	Maximum limit : 4,00,000.00
Pre-existing disease	Maximum limit : 4,00,000.00
Domiciliary	Maximum limit : 8000, 20.0% OF IN-PATIENT
Bed limit	Maximum limit : 8,000.00, 2.0% OF IN-PATIENT
Intensive care unit	Actuals
Ambulance only	Maximum limit : 1,500.00
Pre Hospitalization	Yes 30.0 day(s)
Post Hospitalization	Yes 60.0 day(s)
COPAY	Not Applicable

g) XIME Provides Medical Insurance for Faculty

Covers	LIMITS Staff
Family Definition	SELF. + spouse + Dependent Children
Type of Cover	Family
Sum Insured	5,00,000.00

In-Patient	Maximum limit : 5,00,000.00
Congenital Disease	Maximum limit : 5,00,000.00
Pre-Existing Disease	Maximum limit : 5,00,000.00
Domiciliary	20% of SI, max limit of 20,000
Bed Limit	Maximum limit : 10,,000.00, 2.0% OF IN-PATIENT
Intensive Care Unit	Actuals
Ambulance Only	Maximum limit : 1,500.00
Pre Hospitalization	Yes 30.0 day(s)
Post Hospitalization	Yes 60.0 day(s)
COPAY	Not Applicable

h) XIME provides a Group Personal Accident Insurance Policy for Faculty and Staff

Details for the current policy

Personal Accident Policy No : 4102201200001091-00
Start on : 12.12.2021
Total Sum Insured : 5, 00, 000

Covers	LIMITS
Family Definition	Faculty and Staff
Type of Cover	Personal Accident
Sum Insured	5,00,000
Terrorism	Covered for all
Accidental Death	5,00,000
Permanent Total Disablement	5,00,000
Permanent Partial Disablement	5,00,000
Temporary Total Disablement	5000/- per week