Mandatory Disclosure as on F e b r u a r y , 2025

1. Name of the Institution:
   Xavier Institute of Engineering
   Mahim Causeway, Mahim,
   Mumbai– 400 016
   Tel: 0 2 2 - 24451961, 7249371505 / 9920407274
   Email: office@xavier.ac.in

2. Name and address of the Trust/Society:

   The Bombay Xavierian Corporation Pvt Ltd.

   Vinalaya, Mahakali Road,

   Andheri East, Mumbai - 400093

   Phone: 022 2687 1975

3. Name and Address of the Principal
   Dr. Y. D. Venkatesh
   Mahim Causeway, Mahim, Mumbai– 400 016
   Mob:9820198029 /9920407274
   Email: principal@xavier.ac.in

4. Name of the affiliating University:

   University of Mumbai

5. Governance:

   Members of the Trust/ Board and their brief background

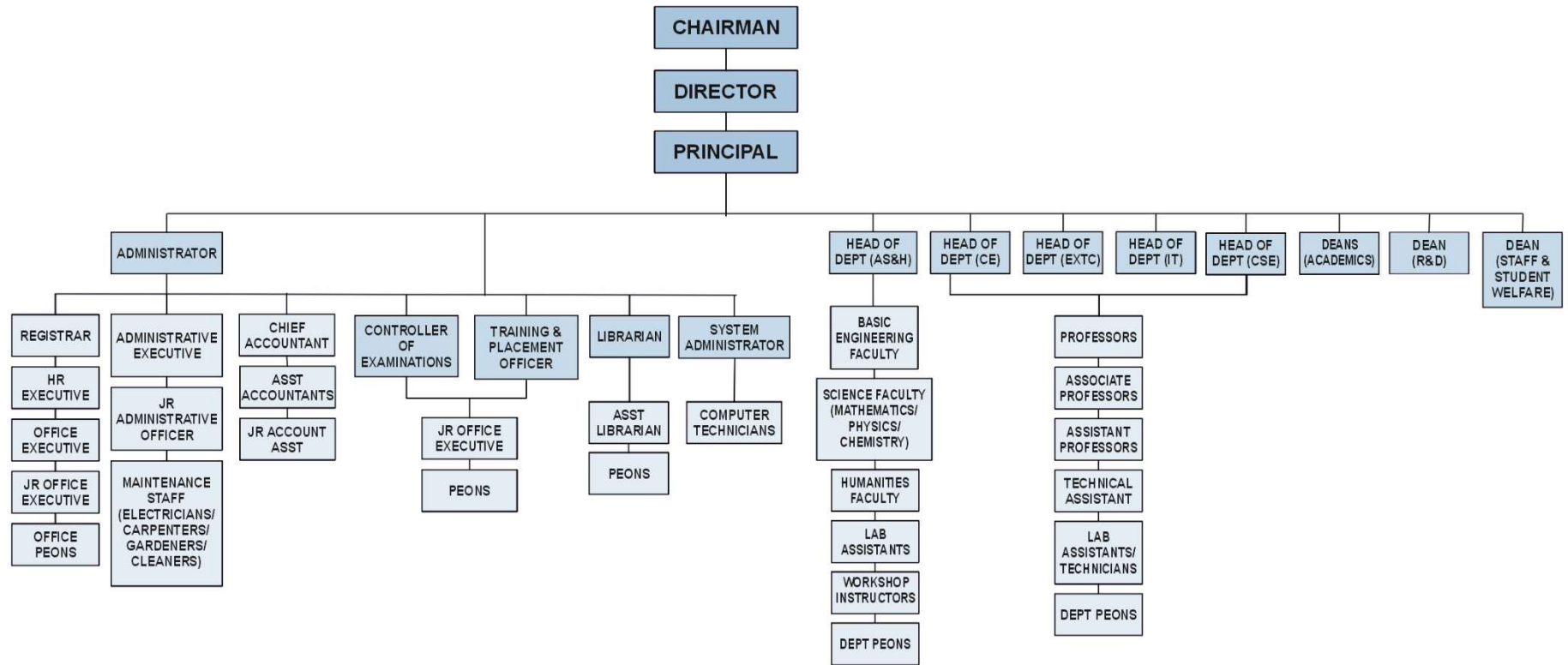| Name	Designation	Occupation	Qualification
Fr. Anil Pereira SJ (Chairman)	President	Education	M.A.(Philosophy)
Fr. Dr. John Rose, SJ (Trustee)	Member (Director)	Education	Ph.D.(Electrical)
Fr. Fabian Barreto, SJ (Trustee)	Member (Admin)	Education	M.E.(Electronics)
Fr. Reginald Tauro, SJ (Trustee)	Secretary (Ex. Director)	Education	M.S.(Computer Science)
Fr. Francis de Melo, SJ (Trustee)	Member (Ex. Director)	Education	M.S.(Electronics)

Members of the Academic Advisory Board (Internal Quality Assurance Cell)

S.No	Name of the Member	Designation	Position
1.	Dr. Y. D. Venkatesh	Principal	Chairperson, IQAC
2.	Fr. Dr. John Rose SJ	Director	Member From Management
3.	Dr. Chhaya Dhavale	Asso Professor	Coordinator IQAC
4.	Dr. Nitin Ahire	HOD-EXTC	Member, EXTC deptl. Representative
5.	Dr. Jaychand Upadhyay	HOD-IT	Member, IT deptl. Representative
6.	Ms. Kavita Jain	HOD - COMP	Member, COMP Deptl. Representative
7.	Dr. Ninad More	HOD – Comp Scie & Engg	Member, COMP & SCI Engg Deptl. Representative
8.	Dr. Vijay Kapure	HOD- ASH	Member, ASH deptl. Representative
9.	Dr. Beatrice S	Asso Professor	Member
10.	Ms. Lalita Moharkar	Asst Professor	Member
11.	Dr. Vidya Sarode	Professor	Member
12.	Ms. Meena Ugale	COE	Member
13.	Dr. Sushama Khanvilkar	Asso Professor	Member
14.	Dr. Gauri Arolkar	Asst Professor	Member
15.	Ms. Suvarna Aranjo	Dean-Staff & Student Welfare	Member
16.	Dr. Bhagyashree Chari	Asst Professor	Member
17.	Mr. Naveen Kukreja	Training and Placement Officer	Member
18.	Ms. Ereena Rodrigues	Registrar	Member
19.	Mr. Prakash Salian	Chief Accountant	Member
20.	Fr. Albert Menezes SJ	Administrator, XIE	Member of the Society
21.	Mr. Stanly Samuel	XIE Alumni	Ex-Student Representative
22.	Mr. Melvin Tharakan	XIE Student	Student Representative
23.	Mr. Mahesh Pinge	Marketing VP, Capgemini	Industrialist
24.	Mr. Manish Joshi	Project Manager, TCS	Stakeholder

Frequency of the above Academic Advisory Board (Internal Quality Assurance Cell) meeting:

Normally, it is held once in an academic year. However, the frequency shall be increased as per the requirement.

9. Organizational chart and processes

CHAIRMAN

DIRECTOR

PRINCIPAL

- ADMINISTRATOR
  - REGISTRAR
    - HR EXECUTIVE
    - OFFICE EXECUTIVE
    - JR OFFICE EXECUTIVE
    - OFFICE PEONS
  - ADMINISTRATIVE EXECUTIVE
    - JR ADMINISTRATIVE OFFICER
    - MAINTENANCE STAFF (ELECTRICIANS/ CARPENTERS/ GARDENERS/ CLEANERS)
  - CHIEF ACCOUNTANT
    - ASST ACCOUNTANTS
    - JR ACCOUNT ASST
  - CONTROLLER OF EXAMINATIONS
    - JR OFFICE EXECUTIVE
      - PEONS
  - TRAINING & PLACEMENT OFFICER
  - LIBRARIAN
    - ASST LIBRARIAN
      - PEONS
  - SYSTEM ADMINISTRATOR
    - COMPUTER TECHNICIANS

- HEAD OF DEPT (AS&H)
  - BASIC ENGINEERING FACULTY
  - SCIENCE FACULTY (MATHEMATICS/ PHYSICS/ CHEMISTRY)
  - HUMANITIES FACULTY
  - LAB ASSISTANTS
  - WORKSHOP INSTRUCTORS
  - DEPT PEONS

- HEAD OF DEPT (CE)
- HEAD OF DEPT (EXTC)
- HEAD OF DEPT (IT)
- HEAD OF DEPT (CSE)
  - PROFESSORS
  - ASSOCIATE PROFESSORS
  - ASSISTANT PROFESSORS
  - TECHNICAL ASSISTANT
  - LAB ASSISTANTS/ TECHNICIANS
  - DEPT PEONS

- DEANS (ACADEMICS)
- DEAN (R&D)
- DEAN (STAFF & STUDENT WELFARE)

3

Nature and Extent of involvement of Faculty and students in academic affairs /improvements

The faculty, staff and students of our Institute are all involved in the academic affairs/ Development of the collage in the following ways:

In addition to the normal teaching learning process the faculty members are conducting/organizing number of seminars, invited talks on selected topics and workshops. They will also guide and organise a number events in the college such as National/International conferences, Technical Projects that are showcased, Codex, Colloquium - I.T. for Society and other programme. The students are also actively involved in many of the above mentioned events under the guidance of all Faculty.

Mechanism/Norms and Procedure for democratic/good Governance

Governing Body/Executive Committee of the Society:

The Governing Body consists of President/Chairman, who is the head of the Governing Body and other members of the Society who own and run the Institute.

The Governing Body of the Society nominates a Director who is entrusted with the responsibility to look after the overall running of the day to day affairs of the college.

The Director shall appoint a Principal who is legally qualified and as per the statutes of UOM/AICTE and or as applicable and he will look after the academic/administrative activities of the Institute.

The Director of the Institute shall look into administrative affairs and frames the policies of the Institute. He will have a bearing on the ethos and the basic principles of the Society. Normally the trustees are the members of this Governing body /executive committee.

Governing Council (GC) – Is a body consisting of members such as the President/the Chairman of the Governing Body of the Society as well as members of the academic fraternity and government / non government / private organisations. A brief description and the functions of GC are as given below:

a. The GC shall assist in formulating the policy decisions of the Institute and implement them within the rules and frameworks of various statutory and regulatory bodies associated with the Institute such as AICTE/DTE/UOM.

b. It shall also formulate policies that are helpful in achieving the goals of the institute and that are directed towards the Vision/Mission statements of the Institute.

c. It shall, from time to time, reviews the implemented guidelines of the college administration and finds the plus / minus points of the policies and advices / make changes accordingly.

d. It shall recommend & provide guidelines / strategies for improvement of the academic, activities, the placement and the research activities of the Institute.

GC meetings are normally conducted once / twice in an academic year. However, the frequency shall be increased as per the Institute's / UOM'S / administrative requirements.

The following table provide the details of the Governing Council Committee members of the AY 2024-25:

Sr. No.	Name	Designation
1	Fr. Anil Pereira S.J.	Chairman, the Jesuit Provincial
2	Fr. Dr. John Rose, S.J.	Member, Director, XIE, Mumbai
3	Fr. Albert Menezes, S.J.	Member, Administrator, XIE
4	Fr. Reginald Tauro, S.J.	Member, Former Director of XIE
5	Fr. Dr. Keith D'souza, S.J.	Member, Rector, St. Xavier's College, Fort
6	Mr. Rudolf D'Souza, IRS	Member, Joint Commissioner, Income Tax, Mumbai
7	Fr. Dr. Thomas J E Schwarz	Member, Visiting Professor, Dept of COMP/IT
8	Mr. Albert D'Souza	Member, Founder Chairman, Aldel Education Trust
9	Prof. Dr. Bernard L. Menezes	Member, Professor - K. R. School of Information Technology, I.I.T. Powai
10	Dr. Surendra Singh Rathod	Member, Principal, Fr. Conceicao Rodriuges College of Engineering, Bandra
11	Mr. Brian Lobo	Member, Corporate Affairs Head, Edelweiss Financial Services
12	Mr. S. Jaykumar, IPS	Member, Special IG (Administration)
13	Dr. Nitin Ahire	Member, Asso. Prof, Dept. of EXTC
14	Dr. Y. D. Venkatesh	Member Secretary, Principal, XIE, Mumbai
15	Dr. Chasanal Rathod	Member of Executive Council: Bombay Orthopaedic Society

Details of various other committees of the Institute:

College Development Committee (CDC)[*Earlier it was known as Local Managing Committee (LMC)*].

It is a statutory body consisting of members or representatives of the Executive committee along with The Director, The Principal, all HODs who are representing on behalf of the teaching and non-teaching staff and a few representatives of both teaching and non-teaching staff and student members who form this committee as per the guidelines of University of Mumbai. A brief function of CDC is given below:

a. It shall assist in the effective functioning of the institute. It focuses on the achievements and the goals as stated in the Vision Mission statements of the Institute.

b. It shall assist in all the administrative matters of the Institute by creating and maintaining a conducive set of rules and regulations acceptable to both the staff and students in pursuit of achieving academic excellence.

c. It shall assist and guide in enchancing the academic, curricular and extra-curricular activities of the institute.

d. It shall review from time to time, all the activities shown in b, c above and evaluate the effectiveness and suggests ways to improve the system.

e. It shall recommend to the Management, the strategies of all the improvements required in the academic front such as research, placement and other activities.

f. It shall discuss and help to find solutions to all the grievances received (if there are any), from faculty staff and the students.

g. It shall motivate staff and students in complying with the directives of various regulatory and certifying bodies, such as University of Mumbai, AICTE, DTE, NBA, NAAC etc.

h. It shall initiate and guide in organizing Co curricular and extra-curricular activities, especially pertaining to National and International Conference, Quiz Competitions, Project Competitions etc.

CDC meetings are conducted 4 times in an academic year. However, the frequency shall be increased as per the requirement. The following table provides the details of the College Development Committee members for the AY 2024-25:

SN	Name	Designation
1	Fr. Anil Pereira SJ	Chairman, the Jesuit Provincial
2	Fr. Dr. John Rose SJ	Member, Director, XIE
3	Fr. Albert Menezes, S.J.	Member, Administrator, XIE
4	Fr. Dr. Thomas J E Schwarz	Member, Visiting Professor, Dept of COMP/IT
5	Mr. Albert D'Souza	Member, Founder Chairman, Aldel Education Trust
6	Mr. Mahesh Pinge	Special Invitee,VP, Capgemini
7	Dr. Vijay Kapure	Member, HoD & Asst. Prof, Dept. of ASH
8	Ms. Suvarna Aranjo	Member, Dean of Students' and Staff Welfare, Asst. Prof., Dept. of IT
9	Dr. Jaychand Upadhyay	Member, HoD,Asst. Prof., Dept. of IT
10	Dr. Nitin Ahire	Member, Dean of Academics, Asst. Prof, Dept. of EXTC
11	Ms. Kavita Jain	Member, Asst. Prof., HOD Dept. of COMP
12	Dr. Ninad More	Member, Asst. Prof., HOD Dept. of CSE
13	Mr. Sandeep Shetty	Special Invitee, From Industry. Director, ED SKILLS
14	Dr. Y. D. Venkatesh	Member secretary , Principal , XIE
15	Dr. Saurabh Patil	Special Invitee, OCI Sr. Instructor, Oracle
16	Dr. Chhaya Dhavale	Member, IQAC Co-ordinator
17	Ms. Ereena Rodrigues	Member, Registrar, XIE

SN	Name	Designation
18	Mr. Prakash Salian	Member, Accountant , XIE
19	Mr. Naveen Kukreja	Member, TPO , XIE
20	Mr. Dev Upadhyay	Member, GS- Student Council

The Institute has also formulated various additional committees consisting of faculty and staff members to work, help and take care of the administrative as well as the academic activities of the Institute, as per the requirements of University of Mumbai / AICTE as given below:

1. **Grievance Redressal committee, mechanism for Faculty / Staff and Students**

The Institute has constituted a Grievance Cell with a Grievance Redressal Committee as per the guidelines issued by the AICTE. The aggrieved parties can freely approach the committee with their grievances for redressal. Regular faculty/Staff meetings are held in which faculty and staff members can freely voice upon their grievances and give their suggestions, on all matters including academic /administrative to the Director / the Principal.

Establishment of Grievance Redressal Mechanism
In order to ensure transparency and to prevent unfair practices, the college has provided a window/mechanism to all our students / faculty / staff for redressal of their grievances. In exercise of the powers conferred under Clause 1 of Section 23 of the All India Council for Technical Education, Act, 1987 (52 of 1987), and as per the regulations the college has the 'Grievance Redressal Committee' (GRC) consisting of a Chairperson / Convenor and seven members including an ombudsman of the college.

Grievance Redressal Committee (GRC) :

The function of this Committee is to look into the complaints lodged by any student/faculty/staff and judge the merits and de-merits. The Grievance Redressal Committee is also empowered to look into the matters of "sexual harassment". The following table provides the details of the committee members for the AY 2024-25

Sr. No.	Name of the Faculty	Designation	Department
1.	Fr. Dr. Lancy Prabhu S.J	Convener	Counselor cum Ombudsman of XIE
2.	Ms. Shailaja Udtewar	Co Convenor	Assistant Professor EXTC
3.	Fr. Fabian Barreto S.J.	Member	Assistant Professor EXTC
4.	Dr. Sushama Khanvilkar	Member	Associate Professor COMP
5.	Dr. Chhaya Narvekar	Member	Associate Professor IT
6.	Ms. Kirti Motwani	Member	Assistant Professor COMP
7.	Ms. Ereena Rodrigues	Member	Registrar

The Grievance Redressal Committee facilitates on the redressal of unfair means matters while maintaining confidentiality. Any stakeholder of XIE with a genuine grievance can approach GRC.

Duties & Responsibilities:
The Grievance Redressal Cell looks in to complaint handling process of the grievances of the college. This system would ensure that the redressal sought is just and fair and is within the given frame-work of rules and regulations. The Committee shall discuss and analyze the causes of complaints and resolve those complaints through a process of enquiry.

Redressal of 'students', 'staff' and 'faculty' of any grievances shall be conducted separately. The details are as given below:

- Redressal of girl students', lady staff and faculty shall be held separately.
- Suitable timings for students', staff and faculty shall be allotted.
- Redressals and Grievances are conducted/heard promptly.
- Employees are allowed to present their case without any prejudice or comment.
- The Committee shall use positive and friendly ways to resolve the crisis instead of taking any punitive steps, which may disturb the system otherwise.
- It assures the complainant that the authorities will be acting impartially and shall resolve the matter amicably as soon as possible to the best of their ability.
- It ensures effective, sensitive and confidential communication among all people involved.
- It ensures that there is proper investigation of the facts and figures related to the grievance.
- It records in writing & documents all the procedures followed and the necessary steps taken to resolve the problem/complaint.

Procedure:
The person concerned with any grievance shall fill the Grievance Redressal Form (available in the office) with all possible facts and documents and submit it to the Principal's office or she/he can put it in the drop box too. GRC will take up the case and investigate on the matter and shall try to resolve it as quickly as possible. The drop box shall be opened once in 15 days.

2. Anti Ragging Committee

With a view to take utmost care and to prevent any ragging activities in our campus, the college has established an Anti-Ragging Committee as per the norms laid down by the AICTE. The members of the anti-ragging committee for the academic year 2023-24, are as given below:

Sr. No.	Name of the Committee Member	Profession	Associated with
1	Dr. Y.D. Venkatesh	Principal	Convener
2	Dr. Shivaji Ghungrad	Principal- St. Xavier's Technical Institute	Representatives Of Civil
3	Mr. Vinayak Vetal	Sr. PSI, Mahim	Representatives Of Police Administration
4	Ms. Reshma Shivadekar	Bureau Chief- Mumbai City	Representatives Local Media
5	Ms. Meenakshi Nagwekar	Katalyst	Representatives Non Government Organizations
6	Mr. Nitin Ahire	HOD – EXTC	Representatives Of Faculty Members
7	Dr. Jaychand Upadhyay	HOD – IT	Representatives Of Faculty Members
8	Ms. Kavita Jain	HOD – COMP	Representatives Of Faculty Members
9	Dr. Vijay Kapure	HOD- ASH	Representatives Of Faculty Members
10	Dr. Ninad More	HOD – CSE	Representatives Of Faculty Members

11	Ms. Ereena Rodrigues	Registrar	Representatives Of Non-teaching staff
12	Mr. Ramakrishna Pulavarthy	Parent	Representatives Of Parents
13	Mr. Nithin Nayak	TE – IT	Representatives Of Students
14	Ms. Lekha Pulavarthy	BE – IT	Representatives Of Students

3. **Internal Complaint Committee(ICC)**

As per AICTE's notification dated 10/06/2016, the college has constituted an Internal Complaint Committee with a view to promote Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women Employees and girl Students. The committee consist of the following members:

Sr. No	Names of ICC	Designation /Position	Department
1.	Dr. Vaishali Gaikwad	Convener	Asso Prof. – Computer Engineering
2.	Dr. Vijay Kapure	Member	HOD- Applied Science And Humanities
3.	Ms. Meena Ugale	Member	Asst. Professor – Information Technology
4.	Dr. Vaishali Gaikwad	Member	Asso. Professor – Computer Engineering
5.	Mr. Panil Jain	Member	Asst. Prof - EXTC
6.	Ms. Ereena Rodrigues	Member	Registrar - General Office
7.	Ms. Smita Kalyankar	Member	Jr. Administrative Officer
8.	Ms. Riya Pataskar	Member	SE COMP
9.	Ms. Shruti Samaleti	Member	SE EXTC
10.	Mr. Shivam Gupta	Member	SE COMP

4. **Committee for SC/ST**

The college has established an SC / ST Committee as per the AICTE norms with the following objectives:

- To create and maintain safe, healthy and supportive environment for SC/ST faculty, staff and students in the campus.
- To address the issues of faculty, staff and students, belonging to schedule caste / schedule tribes in the Institute and to prevent atrocities that may happen with them.

The members of the committee for the current academic year 2024-25 are as follows:

Sr. No.	Names of the SC/ST Committee	Designation /Position	Department
1	Dr. Y. D. Venkatesh	Chairman	Principal
2	Ms. Manali Tayde	Secretary	Asst. Prof.
3	Mr. Nitin Nijap	Member	Office Executive
4	Mr. Hrushikesh Shivdas	Member	FE (EXTC)
5	Mr. Prashik Dongre	Member	TE (IT)
6	Mr. Shantanu Shinde	Member	BE (COMP)
7	Mr. Soham Mohite	Member	TE (EXTC)

Details on Academic issues of the Institute:

Various academic Programmes run by the Institute:

The names of Programmes approved by AICTE, Recognised by DTE and affiliated to UOM, that are run by theInstitute are the following 4(Four) UG Programmes**:**

- Computer Engineering
- Electronics & Telecommunication Engineering
- Information Technology
- Computer Science and Engineering (Cyber Security, IOT, Blockchain Technology)

Details on Accreditation status of the Institute and its programmes:

The following are the details of accreditation status of the Institute and theprogrammes run by the College:

1. **The Institute is accredited with NAAC for 5 years, 2nd cycle**

NAAC Accreditation Status	
1	Accredited	**A+**

2. **NBA Accredited Programme details:**

NBA Accreditation Status		
1	Programme/Courses Accredited	1. Electronics & Telecommunication Engg. 2. Information Technology
2	Applied for Accreditation	1. Computer Engineering
	A. Applied but visit not happened	Yet to visit
	B. Visit happened but result Awaited	---

Data on the approved intake capacity, percentile of last student admitted, the fee fixed by Fee Regulating Authority (FRA) and the number of students placed and their pay package details:

Name of the Department	Electronics & Telecommunication Engineering		
Number of seats approved by AICTE	In the current AY 2024-25 the intake is 30, and the earlier Intake in AY 23-24 & 22-23, the intake was 60		
Duration of the Course	4 years degree course		
Cut off marks /rank of admission during the last three years	2024-25	2023-24	2022-23
	73.88	83.56 (percentile)	86.52 (percentile)
Fee per year	1,56,000/-	1,56,000/-	1,50,000/-
Placement Facilities	Available		
Campus Placement in last three years with minimum salary, maximum salary and average salary	2024-25	2023-24	2022-23
	7	29	28
	Min= 4 LPA Max= 4.25 LPA Avg= 4.11 LPA	Min= 3LPA Max = 7.25LPA Avg= 4.94 LPA	Min= 3LPA Max = 8.5 LPA Avg= 4.99LPA

LPA = lakh per annum

Name of the Department	Computer Engineering		
Number of seats approved by AICTE	In the current AY 2024-25 the intake is 90, and the earlier Intake in AY 23-24 & 22-23, the intake was 60		
Duration of the Course	4 years degree course		
Cut off marks /rank of admission during the last three years	2024-25	2023-24	2022-23
	93.21 (Percentile)	91.71 (percentile)	95.46 (percentile)
Fee per year	1,56,000/-	1,56,000/-	1,50,000/-
Placement Facilities	Available		
Campus Placement in last three years with minimum salary,	2024-25	2023-24	2022-23

| maximum salary and average salary | 30 | 56 | 49 |
| | Min= 4 LPA
Max = 13LPA
Avg= 5.27 LPA | Min=3 LPA
Max = 12LPA
Avg= 5.39 LPA | Min= 3.25LPA
Max = 12 LPAAvg= 6.87 LPA |

LPA= lakh per annum

Name of the Department	Information Technology		
Number of seats approved by AICTE	**60**		
Duration of the Course	**4 years degree course**		
Cut off marks /rank of admission during the last three years	2024-25	2023-24	2022-23
	94.59 (percentile)	95.55 (percentile)	95.55 (percentile)
Fee per year	1,56,000/-	1,50,000/-	1,50,000/-
Placement Facilities	Available		
Campus Placement in last three	2023-24	2022-23	2021-22
Years with minimum salary, maximum salary and average salary	41	47	56
	Min= 4 LPA Max = 8.5 LPA Avg= 4.9LPA	Min=3LPA Max = 1 2 LPA Avg= 5.22 LPA	Min=2.5 to 3 LPA Max = 9.5LPA Avg= 3.5 to 4 LPA

LPA = lakh per annum

Name of the Department	COMPUTER SCIENCE & ENGG		
Number of seats approved by AICTE	**60**		
Duration of the Course	**4 years degree course**		
Cut off marks /rank of admission during the last three years	2024-25	2023-24	2022-23
	95.57 (percentile)	96.89 (percentile)	93.13 (percentile)
Fee per year	1,56,000/-	1,50,000/-	1,50,000/-
Placement Facilities	Available		
Campus Placement in last three	2024-25	2022-23	2021-22
Years with minimum salary, maximum salary and average salary	N.A. As the batch has not come to IVth year		

LPA=lakh per annum

Details on the Faculty position at the Institute:

- **For the Faculty Position–Kindly Check our collegewebsite-www.xavier.ac.in**

  Branch wise list of Faculty positions are check also given under the following heads:

    - **Computer Engineering**

    - **Information Technology**

    - **Electronics and Telecommunication Engineering**

    - **Computer Science and Engineering (Cyber Security, IOT, Blockchain Technology)**

    - **Applied Science and Humanities**

  Briefly stating :

    i.   Total number of permanent Faculty = 49 Excluding Principal
    ii. Adhoc/Visiting Faculty = 7
    iii. Faculty : Student Ratio = 1:18

Number of Faculty employed and left during the last three years:

Academic Year	Faculty employed	Faculty left
2023-24	50	1. Salil Thigale (ASH) 2. Pankaj Mishra (CSE) 3. Nisarg Vyas (ASH) 4. Kunal Meher (CE)
2022-23	47	1. Dr. Madhavi Parimi (ASH)
2021-22	45	1. Ashutosh Valvade (ASH) 2. Saurabh Patil (CE) 3. Nikita Lemos (expired)(IT)

- **Profile of Principal and other Faculty members details are given in the website– please log on to www.xavier.ac.in**

Yearly Fee allotted by FRA for each course :

- Fee, as approved by the **State Fee Regulating Authority (FRA)**, for our Institution is Rs.1,56,000/-

- Time schedule for payment of fee for the entire program –one time/ twice/thrice in some cases

- No. of Fee waivers granted and the amount – 12 students(There fees shall be Rs. 23,455.00)

- Number of scholarship offered by the Institute –kindly click on this link :-https://www.xavier.ac.in/Scholarships.php

- Criteria for fee waivers/scholarship–as per DTE norms

Details of seats sanctioned for admission and the status of approval given by AICTE/DTE of Maharashtra:

- **Total Number of seats sanctioned for FE and the courses approved and offered byAICTE/DTE up to the Academic Year 2024-25 are the followings :**

    Computer Engineering – 90

    Electronics & Telecommunication Engineering – 30

    Information Technology – 60

    Computer Science and Engineering - 60

    (Cyber Security, IOT, Blockchain Technology)

- **Total Number of students admitted under various categories in each year for the last three years by the Institute:**

Description	2024-25	2023-24	2022-23	Remark
Sanctioned intake	253	234	247	* TFWS students ** J&K student
Number of Students admitted	240+12*+1**	224+10*	235+11*+1**	

Details of Number of Applications received and admitted in the last 3 years:

Number of applications received during last three years for admission under Institutional Quota and the number of students admitted by the Institute are:

2024-25 : 361 applications were received and the Institute admitted : 125

2023-24 : 242 applications were received and the Institute admitted : 129

2022-23 : 201 applications were received and the Institute admitted : 103

- **Brief Introduction to XIE:**

XIE: a Jesuit Institute is committed to educating the students as a whole person in terms of the intellect, the heart, the body and the spirit. It is driven by the combination of 4 Cs : conscience, compassion, commitment and competence. Xavier Institute of Engineering is committed to mentoring and counseling the budding leaders of the 21st century. Jesuit education, therefore, probes into the meaning of human life and it is concerned with the total transformation of each student into an individual personally loved by God.

- **Vision and Mission statement of the Institute:**

Vision   : To nurture the joy of excellence in a world of high technology.

Mission : **To strive to match global standards in technical education by interaction with industry, continuous staff training and development of quality of life.**

Infrastructure available at the Institute for running the courses:

XIE has its own spacious campus at Mahim Causeway, the heart of Mumbai. It is conveniently reachable from all parts of the city (Suburban Mumbai, Greater Mumbai and Navi Mumbai). The Institute has an excellent infrastructure consisting of class rooms, tutorial rooms, laboratories, seminar hall, drawing hall, workshop, computer centre, library, placement centre, gymkhana.

The Management of XIE is well known for designing and maintaining stringent quality standards in education, keeping in mind the challenges encountered in the educational sector due to global competition. It is committed to uphold the highest standards of engineering education. This is reflected through the infrastructure and the ambience created at XIE along with its teaching methodologies along with well equipped laboratories, state-of-the-art Computer Centre and Library. At XIE, each classroom is provided with all the teaching aids and equipments necessary for audio-visual presentations.

First Year Admission : (Procedure)

Categories of Seats and Quota Allocated:

The following table provides information on each category and the quota of seats available for each course:

Sr. No.	Category	Quota of Seats	COMP	CSE	EXTC	IT
1	Minority	51%	46	31	15	31
2	Institutional	20%	18	12	6	12
3	State Government – CAP	29%	26	17	9	17

First Year (FE) - Admission Procedure and Refund of fee

 Eligibility Criteria For Admission:

(i)   The Candidate should be an Indian National.

(ii)   He / She must have passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with any one of the subject such as Chemistry or Biotechnology or Biology or Technical Vocational subject or Computer Science or Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies or Electronics or Entrepreneurship and obtained at least 45% marks (at least 40% marks, in case of Backward class categories, Economically Weaker Section and Persons with Disability and the candidates belonging to Maharashtra State only) in the above subjects taken together and The Candidate should have appeared for the entrance test of MHT-CET and should have obtained a non zero score in MHT-CET.

Or

(iii)   Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the subject such as Chemistry or Biotechnology or Biology or Technical Vocational subject or Computer   Science   or   Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies or Electronics or Entrepreneurship and obtained at least 45% marks (at least

40% marks, in case of Backward class categories, Economically Weaker Section and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together and The Candidate should have appeared for the entrance test of JEE mains.

Or

(iv) Passed minimum 3 years Diploma in Engineering and Technology and obtained at least 45% marks (at least 40% marks, in case of Backward class categories, Economically Weaker Section and Persons with Disability candidates belonging to Maharashtra State only);

However, the candidates seeking admission for engineering course must register their candidature under state admission test cell of MH-CET that comes under DTE's jurisdiction of Maharashtra state.

- **Documents Required During the Time Of Admission:**

1. MHT-CET Score Card
2. HSC Mark sheet
3. SSC Mark sheet and Passing Certificate
4. Leaving Certificate
5. Certificate of Indian Nationality OR Indian Passport in the name of the candidate OR College Leaving Certificate indicating the Nationality of the candidate as 'Indian' OR Birth Certificate issued by appropriate Authorities
6. Maharashtra State Domicile Certificate OR Birth Certificate indicating Birth Place in Maharashtra OR College Leaving Certificate indicating Birth Place in Maharashtra.
7. Application Registration printout of CAP (Centralized Admission Process) indicating Application ID No.
8. Aadhaar Card
9. Physical / Medical Fitness Certificate from a registered Medical Practitioner
10. Migration Certificate & XII Passing Certificate and XII Hall Ticket (applicable for those passed XIIth Examination from other than Maharashtra State Board of Secondary & Higher Secondary Education)
11. Gap Certificate (if applicable)

Admission procedure followed for filling up CAP vacancy and Institute level seats:

- **VACANT SEATS AFTER CAP ROUNDS:**

Vacant Seats after the Centralized Admission Process of admission shall be filled by the Institute as per the guidelines given by the "Rules and regulation of ARA (Admission Regulating Authority) & the Institute Information Brochure for that Academic year and as specified by State Common Admission Entrance Cell, Maharashtra State, Mumbai.

- **REFUND OF FEES:**

In case of cancellation of admission, fee will be refunded as per the rules prescribed by the State Common Admission Entrance Cell, Maharashtra State, Mumbai, printed in their information brochure for the academic year. No refund shall be granted at any cost if the seat is cancelled after the cutoff date, mentioned by MHT-CET admission cell.

OTHER IMPORTANT POINTS :

- **RAGGING AND ACTION AGAINST RAGGING:**

"Ragging is prohibited as per the decision of the Supreme Court of India under Writ Petition No. (C)

656/1998"The Maharashtra Prohibition of Ragging Act 1999 with effect from 15th May 1999 and the UGC has the following provisions for taking Action against Ragging:

a) Whosoever directly or indirectly commits, participates in, abets or propagates ragging within or outside any educational institution, shall, on conviction, be punished with imprisonment for a term upto 2 years and/or pay a penalty which may extend up to two lakhs rupees.

b) Any student convicted of an offence of ragging shall be dismissed from the educational institution and such a student shall not be admitted in any other institute for a period of 5 years from the date of order of such dismissal.

- **Fee Structure:**

  The Fees for the Academic Year 2024-25 is as approved by the Fee Regulating Authority. The approved fees for the year 2024-25 by the Fee Regulating Authority is Rs. 1,56,000/-. For details visit website http://www.sssamiti.org. The candidates are also required to pay additional fees as prescribed by University of Mumbai i.e., Enrollment Fees, Examination Fees, Group Insurance, etc. The fees structure for the subsequent years is as per the guidelines issued by the Fee Regulating Authority. The Pay Order /Demand Draft should be drawn in favour of : 'Xavier Institute of Engineering', payable at Mumbai

Information on the available Infrastructure :

The following facilities and infrastructure are available in the Institute as per the AICTE norms:

• Number of available Class Rooms and their size – 8 classrooms of 91.5 sq mt each.

• Number of available Tutorial rooms and their size - 2 Tutorial rooms of 35 sq mt each.

• Number of available Laboratories and their size – 30 Laboratories of 66 sq mt each.

• Number of available Drawing Hall and its size– 150 sq mt, one.

• Number of available Computer Centre with its capacity – 155 sq mt, one with 72 seater capacity

• Centralised Examination Cell, Number of rooms – 30 sq mt, one.

Other documents of the building available as per statutory requirements are:

• Occupancy Certificate - available

• Fire and Safety Certificate - available

** Please note that the Institute does not have any Hostel facilities.

Information available on Library facilities and other resources in the library of the Institute:

Details of Library books:

- ▢ Total number of book titles available – 4936.
- ▢ Total number of volumes available – 13796.
- ▢ The library provides reprographic and scanning services to all our faculty and students. The Reading room and the Reference section put together has a total seating capacity for 150 readers. The library has subscriptions to 24 printed periodicals and 197 e-journals.

- **Details of Laboratories and Workshop facility available at the Institute**

Department of Electronics and Tele Communication

Name of the Laboratory	Lab/Major Equipments
Microprocessors and Embedded System Lab	20 Computers: Intel(R) Core (TM) i3-9100, CPU @ 3.60GHz, 16.0 GRAM, 64-bitiOS,OS 1TB HDD
	5 Computer: Intel(R)Core (TM)i3-3220 CPU@3.30GHz, 4GB RAM, 64bit OS,500GB-HDD
	8085 KITS with SMPS, MODEL: CLASSIC-85, Smart Board TV
	TKARM7-D, LPC2103 Daughter Board with 8-bit ADC & DAC Parallel & C-cross compiler Crosswire software for ARM-3 Users.
	TK Base is an upgradable universal processor development system with 128K of memory, peripherals like 8279, 8255, and 8251, an oscillator with multiple clocks, a hex-key pad, a 7-segment display, a 2-by-16-character LCD, an 8-bit 4channel ADC, an 8-bit DAC, 1MEEPROM, RTC, relay and stepper/GPI/O, a serial and USB interface, and a processor module that can be configured by a user for Intel 8086 window-based cross-assembler.
	8051 Kit: Universal VLSI Dev. Board Model TK Base with 20 8 pin IO onboard connector, Oscillator with multiple clocks, 8 LED's Indicator, Hex-Key Pad, 7-segment display, 2*16-character LCD,12-BIT ADC, Stepper/GPI/O, Serial Interface, VGA2 Interface with Daughter Boards for 89C51RDS Universal Assembler for8051 (WIN98/XPbasedMCS51Family)
	XILINX FPGA Spartan 6 XSL 9 series Daughter with serial EPROM and USB JTAG Programmer to be used with ADM Model TK Base
	Smart Board, Senses Interactive intelligent 75" Panel I5 Processor 8th Gen 8 GB Ram, 1TB HDD 120 SSD with Windows License with Stand
Signal Processing Lab	30 Desktop computers: Dell Vostro 3471 Sff I3 9th Gen9100 Pro RAM 20GB, HDD 1Tb, Wi-Fi, DVD Ubuntu Linux Wired Keyboard MouseMonitor:18.5" LED Monitor Dell E1916 LED Monitor.
Analog Electronics Lab	3 MHz Function Generator
	60 & 200 MHz Digital Storage Oscilloscope
	(0-30V, 2A) Dual Power Supply
Digital System Design Lab	30MHz Analog Oscilloscope
	Smart Board, Senses Interactive intelligent 75" Panel I5 Processor 8th Gen 8 GB Ram, 1TB HDD 120 SSD with Windows License with Stand
	Universal IC Tester
	Analog & Digital Trainer kits and (+/-15V, 500mA, +/- 5V,1A) and (5V/2A, 5A) Fix Power Supply
Antenna and Microwave Engineering Lab	Smart Board, Senses Interactive intelligent 75" Panel I5 Processor 8th Gen 8 GB Ram, 1TB HDD 120 SSD with Windows License with Stand
	25 Desktop computers: Dell Costro3471Sff139 Th Gen9100 ProRam20GB, Hdd1TB, Wi-Fi, DVD Ubuntu Linux Wired Keyboard Mouse Monitor: 18.5" Led Monitor Dell E1916hv Led Monitor.
	Antenna Transmitter and Receiver & Antenna Trainer Kit
	Doppler Radar Trainer
	Pulse Radar simulation software
	Microwave Test Bench
	RF Trainer Kits with Signal Generator

Communication Lab	Smart Board, Senses Interactive intelligent 75" Panel I5 Processor 8th Gen 8 GB Ram, 1TB HDD 120 SSD with Windows License with Stand
	No. of Computers 16 :Intel(R) Core (TM) i3-8100CPU@3.60GhZ 3.60GHZ, 8.00GB RAM, 64bitOS, x64-based processor (16PC)
	No. of Computers 10: Intel(R)Core (TM) i3-7100CPU@3.90Gh Z3.91gHZ, 8.00GB RAM, 64bitOS, x64-based processor
	7 Graphic Cards Asus–GT710-2GB
	Spectrum Analyzer (1GHz and 3 GHz)
	Casio XJ V1 Projector
	2 Transmission line Trainer Kit
	2 Oscilloscope
	5 Digital Oscilloscope (60 MHz and 100 MHz)
	Satellite Communication Educational Kit
	Optical Fiber Communication Educational Kits

Department of Computer Engineering

Name of the Laboratory	Lab / Major Equipments
Web Design Lab	24 Computers Details MAKE : Dell Vostro 3668 ST, PROCESSOR : Intel Core i3-4170 7th Gen @ 3.9GHz RAM : 12GB DDR 4, 1333 GHz MONITOR : LED DELL 18.5' wide screen HDD : 1TB SATA SSD : 240 GB SATA Kingston KEYBOARD : Dell USB Keyboard MOUSE : Dell Optical USB Mouse. WIRELESS : In built wireless LAN & Bluetooth. 02 Switch D-Link24 Port Gigabyte Switch- 01 Cisco 24 Port Gigabyte Switch - 01 01 Printer Canon LBP 2900B LaserJet Printer 01 Smart Board Senses SmartBoard 75 Inch PROCESSOR: Intel Core i5 8100 CPU @ 3.60GHz HDD: 1 TB SATA, SSD: 120 GB, RAM: 8 GB DDR4 WIRELESS: Inbuilt wireless LAN & Bluetooth
Image Processing Lab	40 Computers Details MAKE : Dell Optiplex 3050, PROCESSOR : Intel Core i5-6500 6th Gen @ 2.00GHz RAM : 16GB DDR 4, 1333 GHz MONITOR : LED DELL 22"' wide screen SSD : 512GB MAS KEYBOARD : Wired Dell USB Keyboard MOUSE : Wired Dell Optical USB Mouse. WIRELESS : In built wireless LAN & Bluetooth.

	01 Printer Canon LBP 2900B LaserJet Printer 02 Switch D-Link 24 Port Gigabyte Switch 01 Projector EPSON EB – X05 01 Smart Board Senses SmartBoard 75 Inch PROCESSOR: Intel Core i5 12th Gen 12450 CPU @ 2.00GHz HDD: 1 TB SATA, SSD: 240 GB, RAM: 8 GB DDR4 WIRELESS: Inbuilt wireless LAN & Bluetooth
Database Lab	24 Computers MAKE : Dell Vostro 3471 SFF, PROCESSOR : Intel Core i3-9100 9th Gen @ 3.60GHz RAM : 20GB DDR 4, 1333 GHz MONITOR : LED DELL 18.5' wide screen HDD : 1TB SATA SSD : 240 GB SATACrucial KEYBOARD : Wired Dell USB Keyboard MOUSE : Wired Dell Optical USB Mouse. WIRELESS : In built wireless LAN & Bluetooth. 01 Printer Canon LBP 2900B LaserJet Printer 02 Switch D-Link 24 Port Gigabyte Switch 01 Projector EPSON EB – X05 01 Smart Board NEOD-A Smart Board75 Inch PROCESSOR: Intel Core i5 10th Gen 10200 CPU @ 2.00GHz HDD: 1 TB SATA, SSD: 256 GB, RAM: 8 GB DDR4 WIRELESS: Inbuilt wireless LAN & Bluetooth
Operating System Lab	22 Computers Details : MAKE : Dell Vostro 3668 ST, PROCESSOR : Intel Core I3 7100 7th Gen @ 3.9GHz RAM : (16 PC'S-8GB DDR 4, 1333 GHz & 6PC'S-12GB DDR4) MONITOR : LED DELL 18.5' wide screen HDD : 1TB SATA SSD : 240 GB SATA Crucial KEYBOARD : Dell USB Keyboard MOUSE : Dell Optical USB Mouse. WIRELESS : In built wireless LAN & Bluetooth. 01 Printer Canon LBP 2900B LaserJet Printer 02 Switch D-Link 24 Port Switch 01 Smart Board Senses SmartBoard 75 Inch

	PROCESSOR: Intel Core i5 12th Gen 12450 CPU @ 2.00GHz HDD: 1 TB SATA, SSD: 240 GB, RAM: 8 GB DDR4 WIRELESS: Inbuilt wireless LAN & Bluetooth
Software Lab	24 Computers Details: MAKE:DellVostro3668ST, PROCESSOR:IntelCoreI3-7100 7th Gen @3.9 GHz RAM:12GB DDR4,1333GHz MONITOR:LEDDELL18.5'widescreenHDD:1TBSATA SSD : 240 GB SATA Crucial KEYBOARD: Dell USB Keyboard MOUSE:DellOpticalUSB Mouse. WIRELESS:Inbuiltwireless LAN&Bluetooth. 01 Printer CanonLBP2900BLaserJetPrinter 02 Switch D-Link24PortSwitch - 01 CISCO24PortSwitch - 01 01 Projector EPSON EB – X05 01 Smart Board Senses SmartBoard 75 Inch PROCESSOR: Intel Core i5 8100 CPU @ 3.60GHz HDD: I TB SATA, SSD: 120 GB, RAM: 8 GB DDR4 WIRELESS: Inbuilt wireless LAN & Bluetooth
Network Lab	24 Computers Details MAKE : Dell Vostro 3710, PROCESSOR : Intel Core i3-12th Gen @ 3.60GHz RAM : 8GB DDR 4, 1333 GHz MONITOR : LED DELL 20' wide screen SDD : 512 GB NVMe KEYBOARD : Wired Dell USB Keyboard MOUSE : Wired Dell Optical USB Mouse. WIRELESS : In built wireless LAN & Bluetooth. 02 Switch D-Link 24 Port Gigabyte Switch 01 Printer CanonLBP2900BLaserJetPrinter 01 Smart Board Senses SmartBoard 75 Inch PROCESSOR: Intel Core i5 12th Gen 12450 CPU @ 2.00GHz HDD: 1 TB SATA, SSD: 240 GB, RAM: 8 GB DDR4 WIRELESS: Inbuilt wireless LAN & Bluetooth

Project Lab	Total : 23 Computers 10 Computers Details MAKE : Assembly, PROCESSOR : Intel Core i5- 12th Gen 12400f RAM : 32 GB DDR 4, 1333 GHz MONITOR : LED ACER 24' wide screen Gaming SDD : 500 GB NVMe Kingstone KEYBOARD : Redgear Wired Dell USB Keyboard MOUSE : Redgear Wired Dell Optical USB Mouse. WIRELESS : In built wireless LAN & Bluetooth. GPU : GTX 1650-4GB DDR6 Graphics. 13 Computers Details MAKE : Assembly, PROCESSOR : Intel Core i7- 2nd Gen RAM : 8 GB DDR 4, MONITOR : LED DELL 24' wide screen. SDD : 240 GB Sata Crucial KEYBOARD : Wired Dell USB Keyboard MOUSE : Wired Dell Optical USB Mouse. 01 Switch D-Link 24 Port Gigabyte Switch 01 Printer Canon LBP2900B LaserJet Printer

Department of Information Technology

Name of the Laboratory	Lab / Major Equipments
Software Lab – 1 Lab	**25 Computers** MAKE: Dell Vostro 3470 PROCESSOR: Intel Core i3 8100 CPU @ 3.60GHz HDD: I TB SATA , RAM: 8 GB DDR4 1200 MHz MONITOR: LED DELL 18.5' widescreen KEYBOARD: Dell USB Keyboard MOUSE : Dell Optical USB Mouse. WIRELESS: Inbuilt wireless LAN & Bluetooth.01 Printer: HP Laser Jet1 020 Plus 02Switch: D-Link 24 Port Switch Wireless router: TPlink **1 Smartboard**: Make Senses Intelligent Panel 75' PROCESSOR: Intel Core i5 8100 CPU @ 3.60GHz HDD: I TB SATA, SSD: 120 GB, RAM: 8 GB DDR4 WIRELESS: Inbuilt wireless LAN & Bluetooth

Software Lab – II Lab	**25 Computers** MAKE: Dell Optiplex 3070 PROCESSOR:Intel Core i3 9100 CPU @ 3.60 GHz HDD : I TB SATA, RAM :16GB DDR4 1200 MHz MONITOR: LED DELL 18.5' widescreen KEYBOARD: Dell USB Keyboard MOUSE: Dell Optical USB Mouse. WIRELESS: Inbuilt wireless LAN & Bluetooth.01 Printer: Canon LBP2900B LaserJet Printer Switch: D-Link 24 Port Switch Wireless router: TPlink **1 Smartboard**: Make Senses Intelligent Panel 75' PROCESSOR: Intel Core i5 8100 CPU @ 3.60GHz HDD: I TB SATA, SSD: 120 GB, RAM: 8 GB DDR4 WIRELESS: Inbuilt wireless LAN & Bluetooth
Internet Programming Lab	**25 Computers** MAKE: Dell Vostro 3470 PROCESSOR: Intel Core i3 8100 CPU @ 3.60GHz HDD: I TB SATA ,RAM: 8GB DDR4 1200 MHz MONITOR: LED DELL 18.5' widescreen KEYBOARD: Dell USB Keyboard MOUSE:Dell Optical USB Mouse. WIRELESS: Inbuilt wireless LAN & Bluetooth.01 Printer: HP LaserJet 1020 Plus 02Switch: D-Link 24 Port Switch Wireless router: TPlink **1 Smartboard**: Make Senses Intelligent Panel 75' PROCESSOR: Intel Core i5 8100 CPU @ 3.60GHz HDD: I TB SATA, SSD: 120 GB, RAM: 8 GB DDR4 WIRELESS: Inbuilt wireless LAN & Bluetooth
Computer Network Lab	**25 Computers** MAKE: Dell Vostro 3470 PROCESSOR: Intel Core i3 8100 CPU @ 3.60 GHz HDD: I TB SATA ,RAM: 8GB DDR4 1200 MHz MONITOR: LED DELL 18.5' widescreen KEYBOARD: Dell USB Keyboard MOUSE : Dell Optical USB Mouse. WIRELESS : In built wireless LAN & Bluetooth.01 Printer: Canon LBP 2900B LaserJet Printer Switch: D-Link 24 Port Switch Wireless router: TPlink **1 Smartboard:** Make Senses Intelligent Panel 75' PROCESSOR: Intel Core i5 8100 CPU @ 3.60GHz HDD: I TB SATA, SSD: 120 GB, RAM: 8 GB DDR4 WIRELESS: Inbuilt wireless LAN & Bluetooth
Database Lab	**25 Computers** MAKE: Dell Optiplex 3070 PROCESSOR: Intel Core i3 9100 CPU @ 3.60 GHz HDD : I TB SATA, RAM :16GB DDR4 1200MHz MONITOR: LED DELL 18.5' widescreen KEYBOARD: Dell USB keyboard MOUSE: Dell Optical USB Mouse. WIRELESS: In built wireless LAN & Bluetooth.01 Printer: HP LaserJet 1020 Plus Switch: D-Link24 Port Switch Wireless router: TPlink **1 Smartboard:** Make Senses Intelligent Panel 75' PROCESSOR: Intel Core i5 8100 CPU @ 3.60GHz HDD: I TB SATA, SSD: 120 GB, RAM: 8 GB DDR4 WIRELESS: Inbuilt wireless LAN & Bluetooth

Advanced Technology Lab	**25 Computers** MAKE: Dell Vostro 3670 PROCESSOR: Intel Core i3 8100 CPU @ 3.60GHz HDD: I TB SATA, RAM: 8GB DDR4 1200 MHz MONITOR:LED DELL 18.5 'widescreen KEYBOARD: Dell USB Keyboard MOUSE: Dell Optical USB Mouse. WIRELESS: Inbuilt wireless LAN & Bluetooth.02 Switch:D-Link24 Port Switch Wireless router: TPlink **1 Smartboard:** Make Senses Intelligent Panel 65' PROCESSOR: Intel Core i5 8100 CPU @ 3.60GHz HDD: I TB SATA, SSD: 120 GB, RAM: 8 GB DDR4 WIRELESS: Inbuilt wireless LAN & Bluetooth **Components**: Arduino Mega 2560 Raspberry Pi 5 + NodeMCU + ESP32 Communication Modules- WiFI Modules, Bluetooth & RF Sensors & Actutators

Department of Computer Science and Engineering

Name of the Laboratory	Lab / Major Equipments
Lab 01 Database Lab	Monitor Acer 35, CPU HP Intel core i5-6600 CPU, 8GB RAM, 256 SSD Keyboard Dell, HP, Mouse Dell, Lenovo, Switch D-Link Switch 24-port Gigabit, Smartboard Senses: 75" i5 11Gen, 8GB RAM,1TB HDD, 240 SSD with stand. Operating System: Windows 10 Pro, MySQL , C++, Java, Ubuntu, Python
Lab 02 Operating System Lab	Monitor Acer 26 , CPU HP Intel core i5-6600 CPU, 8GB RAM, 256 SSD, Keyboard Dell, HP, Mouse Dell, Lenovo, Switch D-Link Switch 24-port Gigabit Operating System: Windows 10 Pro, C, C++, Ubuntu
Lab 03 Computer Networking Lab	26 Pcs with the following Configuration: Intel Core I5-6600 CPU @ 3.20ghz, 8gb Ram,256 gb HDD. Operating System: Windows 10 Pro, Cisco packet Tracer, C++, Ubuntu
Lab 04 Programming Skill Based Lab	Monitor Acer 48, CPU HP Intel core i5-6600 CPU, 8GB RAM, 256 SSD, Keyboard Dell, HP, Switch D-Link Switch 24-port Gigabit, Smartboard Senses Smartboard, 75" i5 11 Gen, 8GB RAM,1TB, HDD, 240 SSD with stand Operating System: Windows 10 Pro, MySQL , C++, Ubuntu, Python
Lab 05: Blockchain Lab	Monitor, Keyboard, mouse DELL:55, processor i5 6th generation, RAM :16 GB, SSD:512GN, OS: Windows 10, Internet:100 Mbps, Smartboard Senses Smartboard, 86" i5 11 Gen, 8GB RAM,1TB, HDD, 240 SSD with stand

Department of Applied Science and Humanities

Name of the Laboratory	Lab / Major Equipments
Structured Programming Approach Lab	25 Pcs With The Following Configuration: Dell Vastro 3470, Intel Core I3-8th Gen @ 3.60ghz, 4gb Ram. Operating System: Windows 10, C, C++, Java, Scilab,
Language Lab	21 Pcs Along With Wired Headphones And One Web Camera. Lab Software Orell Digital Language Lab
Workshop	Welding Machine ,Lathe Machine(Wood),Bench Grinder (Polisher Size 7),Hitachi Cut Off Hu 14 14", Hitachi Cirular Saw C7,Safety Goggles, VERNIER CALIPER 6",VERNIER HIGHT GUAGE, Grinding Wheel Size M100x16x6-A-36,Bench Grinding Wheel,Electrod Holder, H.S.S.Drill Size M3,H.S.S. Drill Size M4,JKSF 12"Rough File,JKSF8"Smooth File, Carpentry Vice Regular,Etc.
AutoCAD Lab	1) Dell Desktop Vostreo 3668 (Intel Core I3-7th Gen 4GB Ram, 1TB HDD, 18.5'' LED Monitor) QTY 24. 2) HCL INTEL CORE 2 DUO (2 GB RAM, 500 GB HDD) Qty01 3) Asus Intel Celeron (2GB RAM, 160GB HDD) Qty01 4) Dell Desktop Vostreo 3670 (Intel Core I3-8th Gen 4GB Ram, 1TB HDD, 18.5'' LED Monitor) Qty8. Total No. Of PCs 34
Basic Electrical Engineering Lab	Dual Trace Oscilloscope-1, 1 Mhz Function Generator-2, Digital Multimeter-8, Voltmeter 2 analog, Ammeter 2 analog ,Wattmeter(5/10A, 10/20A), Center Tap Transformer, Three Phase Resistive Load Bank,0.5HP Dc Shunt Motor
Engineering Mechanics Lab	Universal Force Table Apparatus, Link Polygon App., Parallel Force App. Dial Type, Bell Crank Lever, Simple Jib Crane, Friction Slide App. Flywheel-2 Set, Compound Pendulum-2, Collision Of Elastic Body-1

Physics Lab	Crystal Structure Model Bcc, Fcc, Scc (Set Of 9 Pcs.) Set 2, Crystal Structure Model Dimond, Barium, Titanate & Nacl - Set 1, Cathod Ray Oscillscope 20 Mhz, Dual Trace- 04, Ultrasonic Distance Meter, Fiber Optical Kit, Laser (He-Ne) (2 Mw), Newton's Ring Apparatus Complete Set, Energy Band Gap Apparatus Complete Set, Diffraction Grating Complete Setup, Wedge Shape Apparatus Complete Set, Hall Effect Apparatus Complete Set, Hysteresis Curve Apparatus Complete Set, Ultrasonic Distance Meter Handy, He Ne Laser 2 Mw Output Red, Sodium Vopour Lamp 55 Watts, Zener diode KIT, P-N junction KIT. Dekstop PC (monitor:-SXMI/GMDSS/075)(BSMTMOO43) , CPU: BSMTD0211,PRINTER:LBP 2900 B)
Chemistry Lab	Abels Flash Point Apparatus, Redwood Viscometer No I, Digital Weighing Balance, Hot Air Oven, Water Distillation Plant (4L), Double Walled Water Bath, Digital PH Meter, Digital Colorimeter, Refrigerator, Fire extinguisher, Digital Potentiometer.

- **Centralised Computing Facility available at the Institute:**

  - Internet Bandwidth–100 mbps TATA + 200 mbps cable Soumya
  - Total number of Computer systems connected by LAN- 632
  - Total number of computer systems connected by WAN- 632
  - Major soft ware packages available– Windows 1 0 , Linux
  - Special purpose facilities available – Dedicated Computer Centre for students
  - A Language Lab with 21 computers
  - MAC Lab having 33 Mac PCs

- **List of other facilities available at the campus for extra curricular activities :**

  - **Games and Sports Facilities :**

The College has a Gymkhana with facilities for indoor games such as carom, table tennis and chess. It has facility for outdoor games with its own sports ground, with turf laid on it.

  - **Extra–Curricular Activities :**

Cultural activities	Cultural Committee organizes the annual College festival "Spandan", Rose Day, Independence day, Republic Day, Traditional Day, Fresher's Party and so on….It also organizes FE inauguration.
Sports activities	Sports Committee organizes sports activities in the name of Sparx & conduct tournaments during the academic year
Magazine/Newsletter	"Connexieon" Annual Magazine is published every year. It includes articles of faculty/staff and students of all the events of the college.
Technical activities/ Tech Fest:	The Technical Committee Organizes a two day Technical Festival(Transmission) annually. It hosts events like programming contest, paper presentation, project exhibition, circuit designing contest and Robotic competitions to name a few.
Industrial Visits/Tours:	The Institute regularly organizes industrial visits / to different places to visit the Industries within the state during the vacation period.
Alumni activities:	Seminars and Lectures are organized with the help of the members of the Alumni Association to guide the students to perform better in the selection process.

- **Soft Skill Development Facilities :**

  Various seminars are conducted that are organised by the Training and Placement Cell to improve the students' communication (written and verbal) to enable them and to perform well in the Group Discussion / Personal Interview while appearing for the placement tests.

- **Academic Calendar and evaluation process:**

  - Teaching on the basis of syllabus for each of the programmes are conducted as per the guidelines given by the University of Mumbai– please visit the website of University of Mumbai – **www.mu.ac.in**

  - Academic Calendar of the University– **www.mu.ac.in**

  - Academic Time Table with the name of the Faculty members handling each course – Available on our college website – **www.xavier.ac.in**

  - Internal Evaluation System– **www.xavier.ac.in**

  - Student's assessment about the course and the faculty– Available on our college website - **www.xavier.ac.in**

  - Academic Calendar and frame work: Available on **website-www.xavier.ac.in**

Enrolment of students in the last 3 years for FE (First Year) and DSE (Direct Second Year):

Sr. No.	Academic Year	First Year Engineering	Direct Second Year Engineering
1	2024-25	240+12*+1** *TFWS students ** J&K student	47
2	2023-24	224+10* *TFWS students	38
3	2022-23	235 + 11*+1** *TFWS students ** J & K student	47

List of Research Projects / Consultancy Works undertaken by the college :

- Number of Projects are carried out by faculty through the funds / agency or Grant received from Government Organisation and others.
- Publications (if any) out of research work/ the projects from the last 3 years (see our college website www.xavier.ac.in.)
- Industry Linkage (see our college website www.xavier.ac.in)

The above details are provided on our college website www.xavier.ac.in under the head of each department (www.xavier.ac.in)

MOU Signed by XIE with the Industries

MOUs with Industries (minimum3): available and signed (see our college website)
(www.xavier.ac.in).

Various other projects carried out by the Institute faculty members:

Sl. No	Name of the industry or institute or Agency	Date of implementation	Activities held so far	Responsible faculty for MOU
	Computer Engineering			
1	Arrupe Jesuit University, Zimbabwe	June 2024	Cyber Security	Dr. Vaishali Gaikwad
	Information Technology			
1	Yes Bank	March 2024	Smart E-Wheel Chair Implementation	Mrs. Jyotsna More
2	Arrupe Jesuit University, Zimbabwe	June 2024	Cyber Security	Ms. Suvarna A
3	Kosyam Jesuit University of Science, Burkina Faso	June 2023	Python Programming	Dr Jaychand Upadhyay
4	Arrupe Jesuit University, Zimbabwe	June 2023	IoT Workshop	Ms. Stella J.
	Electronics and Tele Communication Engineering			
1	Arrupe Jesuit University, Zimbabwe	June 2023	IoT Workshop	Ms. Tejal Deshpande.
	Computer Science and Engineering			
1	Xavier Jesuit Institute, Nigeria	18th to 29th November 2024	Python Programming Training Program in Lagos, Nigeria	Mr. Suhas Lawand
	Applied Science and Humanities Department			
1	Adani Foundation, Gujarat	April 2024	3 days python training	Prof. Nisarg Vyas
2	Conossa Convent High School Dhule.	Jan 2024	Python Training Programme	Prof. Nisarg Vyas, Mr. Prudhvi Vakapalli.
3	Avhaan 2024 , St. Xaviers Autonomous College, Ahmedabad	May 2024	Learning to explore physics	Prof. Nisarg Vyas

LOA and subsequent EOA till the current Academic Year: Available and Uploaded on thewebsite

Audited accounts statement for the last three years: Available and Uploaded on the website

Best Practices adopted, if any – please visit college website **(www.xavier.ac.in).**

Note: Suppression and / or misrepresentation of information shall invite appropriate penal action.
The Website shall be dynamically updated with regard to Mandatory Disclosure.