## Mandatory Disclosure as on June, 2023

1. Name of the Institution:

Xavier Institute of Engineering
Mahim Causeway, Mahim,
Mumbai- 400016
Tel: 022-24451961, 7249371505/9920407274
Email: office@xavier.ac.in
2. Name and address of the Trust/Society:

## The Bombay Xavierian Corporation Pvt Ltd.

Vinayalaya, Mahakali Road,
Andheri(East),Mumbai-400093
Phone: 02226871975
3. Name and Address of the Principal

Dr. Y. D. Venkatesh
Mahim Causeway, Mahim,
Mumbai- 400016 Tel:022-
24454559 Mob:9820198029
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 <br> (Chairman) | President | Education | M.A.(Philosophy) |
| Fr. Dr. John Rose, SJ |  |  |  |
| ( Trustee) |  |  |  | | Member |
| :---: |
| (Director) |$\quad$ Education $\quad$ Ph.D.(Electrical)

## 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. | Ms. S. Beatrice | Asst Professor | Coordinator IQAC |
| 4. | Dr. Vidya Sarode | HOD-EXTC | Member, EXTC deptl. <br> Representative |
| 5. | Ms. Meena Ugale | HOD-IT | MOD-COMP |

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.
6. Organisational chart and process


## 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 so on. The students are also actively involved in many of the above mentioned events under the guidance of every Faculty.

## Mechanism/Norms and Procedure for democratic/good Governance

Governing Body/Executive Committeeof theSociety: 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 a 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 policy matters 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 from academics as well as industry that includes the President/the Chairman of the Governing Body of the Society as well as members of the Executive Committee. 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 therules 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 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 advices accordingly.
d. It shall recommend \& provideguidelines / strategies for improvement of the academic, placement and research activities of the Institute.

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

The following table provides the details of the Governing Council Committee members for the AY 2022-23 :

| Sr. <br> No. | Name | Designation |
| :---: | :---: | :---: |
| 1 | Fr. Anil Pereira SJ | 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 | Fr. Dr. Thomas J E Schwarz | Member, Visiting Professor, Dept of COMP/IT |
| 7 | Mr. Rudolf D'Souza, IRS | Member, Joint Commissioner, Income Tax, Mumbai |
| 8 | Mr. Albert D'Souza | Member, Founder Chairman, Aldel Education Trust |
| 9 | Prof. Dr. S. Biswas | Member, Prof of Computer Science Engg, I.I.T. Powai |
| 10 | Prof. Dr. S. N. Merchant | Member, Prof of Electrical Engineering ,II.IT. Powai |
| 11 | Mr. Brian Lobo | Member, Corporate Affairs Head, Edelweiss Financial Services |
| 12 | Mr. S. Jaykumar, IPS | Member, Special IG (Administration) |
| 13 | Dr. Kunal Meher | Member, Asst. Prof, Dept. of COMP |
| 14 | Dr. Y. D. Venkatesh | Member Secretary, Principal, XIE, Mumbai |

Details of various other committees of the Institute:

## College Development Committee (CDC)[Earlier 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 who form this committee. 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 bettering the academic, curricular and extracurricular 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, Executive Committee, GC, CDC 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 once 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 2022-23:

| 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 | Mr. Albert D'Souza | Member, Founder Chairman, Aldel Education Trust |
| 5 | Fr. Dr. Thomas J E Schwarz | Member, Visiting Professor, Dept of COMP/IT |
| 6 | Mr. Mahesh Pinge | Special Invitee, VP, Capgemini |
| 7 | Mr. S. Selvaraj | Special Invitee, From Industry. Programmer in Java and |
| 8 | Mr. Vijay Kapure | Member, HOD \& Asst. Prof., Dept of ASH |
| 9 | Ms. Kavita Jain | Member, Dean of Students' and Staff Welfare, Asst. Prof., <br> Dept. of COMP |
| 10 | Ms. Martina Rodrigues | Member, Asst. Prof., Dept. of IT |
| 11 | Dr. Kunal Meher | Member, Asst. Prof, Dept. of COMP |
| 12 | Mr. Nitin Ahire | Member, Asst. Prof, Dept. of EXTC |
| 13 | Ms. Beatrice S. | Member, Asst. Prof., Dept. of COMP |
| 14 | Dr. Y. D. Venkatesh | Mr. Saurabh Patil |

The Institute has also formulated various other committees consisting of faculty and staff members to work, help and take care of the administration as well as the academic activities of the Institute, as given below:

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

The Institute has constituted 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. Additionally, 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 innocent students for redressal of their grievances, this Grievance Redressal cell has been formed. 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:

The function of this Committee is to look into the complaints lodged by any student/faculty/staff and judge on its 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 2022-23

| Sr. No. | Name of the Faculty | Designation | Department |
| :---: | :---: | :---: | :---: |
| 1. | Prof. Shailaja Udtewar | Convener | Assistant Professor EXTC |
| 2. | Fr. Fabian Barreto S.J. | Member | Assistant Professor EXTC |
| 3. | Ms. Sushama Khanvilkar | Member | Assistant Professor COMP |
| 4. | Ms. Chhaya Narvekar | Member | Assistant Professor IT |
| 5. | Ms. Kirti Motwani | Member | Assistant Professor COMP |
| 6. | Ms. Ereena Rodrigues | Member |  |
| 7. | Fr. Dr. Lancy Prabhu, SJ | Ombudsman | Management- Jesuit Priest |

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 has been formulated in order to make all the students and the employees aware of the cell and complaint handling process of the existences in 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' 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 anypunitive steps, which may disturb the system otherwise.
- It assures the complainant that the authorities will be acting impartially and shall resolve thematter 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 problem.
- It records \& documents all the procedures followed and the necessary steps taken to resolvethe 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 investigates on the matter and shall try to resolve it as quickly as possible.

## 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 2022-23, are as given below:

| Sr. No. | Name of the Committee <br> Member | Profession | Associated with |
| :---: | :---: | :---: | :---: |
| 1 | Dr. Y. D. Venkatesh | Principal - XIE | Head Of The Institution |
| 2 | Dr. Shivaji Ghungrad | Principal- St. <br> Xavier's Technical <br> Institute | Representatives Of Civil |
| 3 | Mr. Hemkant Bagul | Police Naik | Representatives Of Police Administration |
| 4 | Ms. Reshma Shivadekar | Bureau Chief- <br> 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 |
| 9 | Mr. Salil Thigale | Asst. Prof. ASH | Representatives Of Faculty Members |
| 9 | Ms. Ereena Rodrigues | Registrar | Representatives Of Non-teaching staff |
| 10 | Mr. Rajendra Gadge | Teacher | Representatives Of Parents |
| 11 | Ms. Sonam Gupta | BE IT | Representatives Of Students |
| 12 | Mr. Edelbert Darren | BE COMP | Representatives Of Students |
| 13 | Mr. Vineet Dabholkar | BE EXTC | 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. <br> No | Names of <br> ICC | Designation <br> /Position | Department |
| :---: | :---: | :---: | :---: |
| 1. | Ms. Meena Ugale | Convener | HOD- IT |
| 2. | Dr. Vaishali Gaikwad | Member | HOD- Computer Engineering |
| 3. | Mr. Vijay Kapure | Member | HOD- Applied Science AndHumanities |
| 4. | Mr. Panil Jain | Member | Asst. Prof - EXTC |
| 5. | Ms. Sunita Wadkar | Astitva Trust | NGO Member |
| 6. | Ms. Ereena Rodrigues | Member | Registrar-General Office |
| 7. | Ms. Smita Kalyankar | Member | Jr. Administrative Officer |
| 8. | Mr. Anand Yash | Member | Student |
| 9. | Mr. Swapnil Shinde | Member | Student |

## 4. Committee for SC/ST

The college has established an SC / ST Committee as per the AICTE norms with thefollowing 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 against them.

The members of the committee for the current academic year 2022-23 are as follows:

| Sr. <br> No. | Names of <br> the SC/ST <br> Committee | Designation <br> /Position | Department |
| :---: | :--- | :--- | :--- |
| 1 | Dr. Y. D. Venkatesh | Chairman | Principal |
| 2 | Mr. Nitin Ahire | Mecretary | Asst. Prof. EXTC |
| 3 | Ms. Manali Tayde | Member | Asst. Prof. EXTC |
| 4 | Mr. Nitin Nijap | Member | BE (EXTC) Student |
| 5 | Ms. Rishika Tayade Executive General Office |  |  |
| 6 | Mr. Shubham Karande | Member | BE (COMP) Student |
| 7 | Mr. Shantanu Shinde | Member | SE (COMP) Student |
| 8 | Ms. Chetana Mangoli | Member | TE (EXTC) Student |

## Details on Academic issues of the Institute:

## Various academic Programmes run by the Institute:

The names of Programmes approved by AICTE and affiliated to UOM, that are run by the Institute 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 the programmes run by the College:

1. The Institute is accredited with NAAC for 5 years.

| NAAC Accreditation Status |  |  |
| :--- | :--- | :--- |
| 1 | Accredited | B+ |
| 2 | Applied for Accreditation | --- |
|  | A. Applied but visit not happened | --- |
|  | B. Visit happened but result awaited | --- |

## 2. NBA Accredited Programme details:

| NBA Accreditation Status |  |  |
| :--- | :--- | :---: |
| 1 | Programme/Courses Accredited |  <br> Telecommunication Engg. <br> Information Technology |
| 2 | Applied for Accreditation | --- |
|  | A. Applied but visit not happened | --- |
|  | B. Visit happened but result <br> 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 | 60 |  |  |
| Duration of the Course | 4 years degree course |  |  |
| Cut off marks /rank of admission during the last three years | 2022-23 | 2021-22 | 2020-21 |
|  | $\begin{gathered} 86.52 \\ \text { (percentile) } \end{gathered}$ | $\begin{gathered} 90.02 \\ \text { (percentile) } \end{gathered}$ | $\begin{gathered} 73.44 \\ \text { (percentile) } \end{gathered}$ |
| Fee per year | 1,50,000/- | 1,50,000/- | 1,38,000/- |
| Placement Facilities | Available |  |  |
| Campus Placement in last three years with minimum salary, maximum salary and average salary | 2022-23 | 2021-22 | 2020-21 |
|  | $\begin{aligned} & 28 \\ & \operatorname{Min}=3 \mathrm{LPA} \\ & \operatorname{Max}=8.5 \mathrm{LPA} \\ & \operatorname{Avg}=4.99 \mathrm{LPA} \end{aligned}$ | $\begin{aligned} & 17 \\ & \text { Min }=2.5 \text { to } \\ & 3 \text { LPA } \\ & \text { Max }=9.5 \\ & \text { LPA } \\ & \text { Avg= } 3.5 \text { to } 4 \\ & \text { LPA } \end{aligned}$ | $\begin{aligned} & 29 \\ & \text { Min }=2.5 \text { to } \\ & 3 \mathrm{LPA} \\ & \operatorname{Max}=9.5 \\ & \mathrm{LPA} \\ & \mathrm{Avg}=3.5 \text { to } \\ & 4 \mathrm{LPA} \end{aligned}$ |

LPA = lakh per annum

| Name of the Department | Computer Engineering |  |  |
| :---: | :---: | :---: | :---: |
| Number of seats approved by AICTE | 60 |  |  |
| Duration of the Course | 4 years degree course |  |  |
| Cut off marks /rank of admission | 2022-23 | 2021-22 | 2020-21 |
| during the last three years | $\begin{gathered} 95.46 \\ \text { (percentile) } \end{gathered}$ | $\begin{gathered} 96.74 \\ \text { (percentile) } \end{gathered}$ | $\begin{gathered} 93.52 \\ \text { (percentile) } \end{gathered}$ |
| Fee per year | 1,50,000/- | 1,50,000/- | 1,38,000/- |
| Placement Facilities | Available |  |  |
| Campus Placement in last three | 2022-23 | 2021-22 | 2020-21 |
| maximum salary and average salary | $\begin{aligned} & 49 \\ & \text { Min= } \\ & \text { LPA } \\ & \text { Max }=12.25 \\ & \text { LPA } \\ & \text { Avg= } 6.87 \mathrm{LPA} \end{aligned}$ | $\begin{aligned} & 35 \\ & \text { Min= } 2.5 \text { to } \\ & 3 \mathrm{LPA} \\ & \text { Max }=9.5 \\ & \text { LPAAvg= } \\ & \text { 3.5 LPA } \\ & \text { to 4 LPA } \end{aligned}$ | $\begin{aligned} & \quad 51 \\ & \text { Min= } 2.5 \text { to } \\ & 3 \mathrm{LPA} \\ & \text { Max }=9.5 \mathrm{LPA} \\ & \text { Avg }=3.5 \mathrm{LPA} \\ & \text { to } 4 \mathrm{LPA} \end{aligned}$ |


| 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 | 2022-23 | 2021-22 | 2020-21 |
| during the last three years | $\begin{gathered} 95.55 \\ \text { (percentile) } \end{gathered}$ | $\begin{gathered} 94.00 \\ \text { (percentile) } \end{gathered}$ | $\begin{gathered} 86.52 \\ \text { (percentile) } \end{gathered}$ |
| Fee per year | 1,50,000/- | 1,50,000/- | 1,38,000/- |
| Placement Facilities | Available |  |  |
| Campus Placement in last three | 2022-23 | 2021-22 | 2020-21 |
| Years with minimum salary, maximum salary and average salary | $46$ $\begin{aligned} & \mathrm{Min}=3.25 \mathrm{LPA} \\ & \mathrm{Max}=12 \mathrm{LPA} \\ & \operatorname{Avg}=5.79 \mathrm{LPA} \end{aligned}$ | $\begin{aligned} & \quad 31 \\ & \text { Min=2.5 to } 3 \\ & \text { LPA } \\ & \text { Max }= \\ & \text { 9.5 LPA } \\ & \text { Avg= } 3.5 \\ & \text { to } 4 \mathrm{LPA} \end{aligned}$ | 66 $\begin{aligned} & \operatorname{Min}=2.5 \text { to } 3 \mathrm{LPA} \\ & \operatorname{Max}=9.5 \mathrm{LPA} \\ & \operatorname{Avg}=3.5 \text { to } 4 \\ & \mathrm{LPA} \end{aligned}$ |

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 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 $=47$ Including Principal
ii. Adhoc/Visiting Faculty $=1$
iii. Faculty : Student Ratio $=1: 18$

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

| Academic Year | Faculty employed | Faculty left |
| :---: | :---: | :---: |
| 2022-23 | 47 | 1. Dr Madhavi Parimi |
| 2021-22 | 45 | 1. Ashutosh Valvade (ASH) <br> 2. Saurabh Patil (CE) <br> 3. Nikita Lemos (expired)(CE) |
| 2020-21 | 47 | 1. Prathibha Sudhakaran (EXTC) <br> 2. Meghna Borate(ASH) <br> 3. Vijay Katkar (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 with amount-11 students(There fees shall be Rs. 21,746.00)
- 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 $F E$ and the courses approved by AICTE/DTE up to the Academic Year 2022-23 are the following :

Computer Engineering - 60
Electronics \& Telecommunication Engineering - 60
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 | $2022-23$ | $2021-22$ | $2020-21$ | Remark |
| :---: | :---: | :---: | :---: | :---: |
| Sanctioned <br> intake | 240 | 180 | 180 | $*$ TFWS students |
| Number of <br> Students <br> admitted | $235+11^{*+1^{* *}}$ | $156+9^{*}$ | $154+8^{*}$ | ${ }^{* *}$ J\&K student |

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:

2022-23 : 201 applications were received and the Institute admitted : 103
2021-22 : 255 applications were received and the institute admitted: 55
2020-21: 158 applications were received and the institute admitted: 70

## First Year (FE) - Admission Procedure:

- 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 $21^{\text {st }}$ 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.

- Courses Offered (XIE offers a Four year degree course and the degree certificate is issued by University of Mumbai)

| Programme | Discipline | Intake |
| :---: | :--- | :---: |
| Undergraduate <br> Degree Course <br> Engineering (B.E) in | Electronics and Telecommunication Engineering | 60 |
|  | Computer Engineering | Information Technology |
|  | Computer Science and Engineering (Cyber Security, <br> IOT, Blockchain Technology) | 60 |

## - Categories of Seats and Quota Allocated:

Seats available for admission are as per the sanctioned intake of 60 in each branch. The following table provides information on each category and the quota of seats available for each course:

| SN | Category | Quota of Seats | No. of Seats |
| :---: | :---: | :---: | :---: |
| 1 | Minority | $51 \%$ of 60 | 31 seats per branch |
| 2 | Institutional | $20 \%$ of 60 | 12 seats per branch |
| 3 | State Government - CAP | $29 \%$ of 60 | 17 seats per branch |

- 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, well equipped laboratories, state-of-the-art Computer Centre and Library. At XIE, each classroom is provided with all the teaching aids(equipments) necessary for audio-visual presentations.

## - Eligibility Criteria For Admission:

(i) The Candidate should be an Indian National.
(ii) 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 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 M/sheet
3. SSC M/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 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 will 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.

- 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 is in 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 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 2022-23 is as approved by the Fee Regulating Authority. The approved fees for the year 2022-23 by the Fee Regulating Authority is Rs. 1,50,000/-. For details visit website http://www.sssamitiorg. 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 and Other Resources in the Institute:

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

- Number of available Class Rooms and their size -9 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 - 24 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.
- Centralised Examination Cell, Number of rooms and capacity - 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.


## Details of Library books:

- Total number of book titles available - 4828 .
- Total number of volumes available - 13313.
- 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 192 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 | 20Computers-Intel(R)Core(TM)i3- <br> 9100CPU@3.60GhZ3.60gHZ,16.0GBRAM,64bitOS,1TBHDD |
|  | 5Computer:Intel(R)Core(TM)i3- <br> 3220CPU@3.30GhZ3.30gHZ,4GBRAM,64bitOS,500GB-HDD |
|  | 8085KITSwithSMPS,MODEL:CLASSIC-85 |
|  | TKARM7-D,LPC2103 Daughter Board with 8 bit ADC \& DAC Parallel \& C-cross compiler Crossware software for ARM-3Users. |
|  | TK Base $-\mu \mathrm{P}$ Logic Analyzer hosted / $\mu \mathrm{p}$ gradable Universal Processor Development System with 128K Memory, Peripheral like 8279, 8255,8251,Oscillatorwithmultipleclocks,8LED'sIndicator,Hex-KeyPad,7segmentDisplay,2x16characterLCD,8-bit4channelADC,One8bitDAC,1MEEPROM,RTC,RelayandStepper/GPI/O,SerialandUSBInterf acewithuser configurable processor module for Intel 8086 window based cross assembler |
|  | 8051Kit:UniversalVLSIDev.BoardModelTKBasewith208pinIOonBerg connector,Oscillatorwithmultipleclocks,8LED'sIndicator,Hex-KeyPad,7-segmentdisplay,2*16characterLCD,12- <br> BITadc,Stepper/GPI/O,SerialInterface,VGA2InterfacewithDaughterB oardsfor89C51RDSUniversalAssemblerfor8051(WIN98/XPbasedMC S51Family) |
|  | XILINX FPGA Spartan 6XSL9 series Daughter with serial EPROM and USB JTAG Programmer to be used with ADM Model TKBase |
| Signal Processing Lab | 30Desktopcomputers:DellVostro3471Sffi39 ${ }^{\text {Th }}$ Gen9100ProRam20G b,Hdd1Tb,Wifi,DvdUbantuLinuxWiredKeyboardMouseMonitor:18.5 "LedMonitorDellE1916hvLeedMonitor. |
| Analog Electronics Lab | 3MHzFunctionGenerator |
|  | 60MHzDigitalStorageoscilloscope |
|  | (0-30V,2A) Dual Power Supply |
|  | 30MHz Analog Oscilloscope |
| Digital System Design Lab | Analog \& Digitall CTester |
|  | Analog\&DigitalTrainerkit |
|  | (+/-15V,500mA,+/-5V,1Amp)FixPowerSupply |
|  | 25Desktopcomputers:DellCostro3471Sff139ThGen9100ProRam20g b,Hdd1tb,Wifi,DvdUbantuLinuxWiredKeyboardMouse ,Monitor: 18.5" LedMonitorDellE1916hvLeedMonitor. |


| Antennaand Microwave Engineering Lab | Antenna Transmitter and Receiver \& Antenna Trainer Kit |
| :---: | :---: |
|  | Doppler Radar Trainer |
|  | Pulse Radar simulation software |
|  | Arbitrary Wave form Generator |
|  | Microwave Test Bench |
|  | Digital Signal Oscilloscope |
|  | RF Trainer Kits with Signal Generator |
| Communication Lab | 16Computers:Intel(R)Core(TM)i3- <br> 8100CPU@3.60GhZ3.60gHZ,4.00GBRAM,64bitOS,x64- <br> basedprocessor(16PC) |
|  | 10Computers:Intel(R)Core(TM)i3- <br> 7100CPU@3.90GhZ3.91gHZ,4.00GBRAM,64bitOS,x64- <br> basedprocessor |
|  | GraphicCardAsus-GT710-2GB |
|  | Spectrum Analyser |
|  | Transmission line Trainer Kit |
|  | Oscilloscope |
|  | Digital Oscilloscope |
|  | Satcom Kit |
|  | OFC kit |
|  | Function generator |
|  | Analog Communication Educational kit |
|  | Digital Communication Educational kit |


| Department of Computer Engineering |  |
| :---: | :---: |
| Name of the Laboratory | Lab / Major Equipments |
| Image Processing Lab | 24 Computers (16 + 8) <br> 16 Computers <br> Details <br> MAKE : Dell Vostro 3471 ST, <br> PROCESSOR : Intel Core i3-9100 9th Gen @ 3.60 GHz <br> RAM : 20GB DDR 4, 1333 GHz <br> MONITOR: LED DELL 18.5' wide screen <br> HDD : 1TB SATA <br> KEYBOARD : Wired Dell USB Keyboard <br> MOUSE : Wired Dell Optical USB Mouse. <br> WIRELESS: In built wireless LAN \& Bluetooth. <br> 8 Computers <br> Details <br> MAKE : Dell Vostro 3800ST, <br> PROCESSOR : Intel core i3-4170 @ 3.70Ghz <br> RAM : 4 GB DDR 3, 800 GHz <br> MONITOR: LED DELL 18.5' wide screen <br> HDD : 500GB SATA <br> KEYBOARD : Wired Dell USB Keyboard <br> MOUSE : Wired Dell Optical USB Mouse. <br> 01 Printer <br> Canon LBP 2900B LaserJet Printer <br> 02 Switch <br> D-Link 24 Port Gegabyte Switch <br> 01 Projector <br> EPSON EB - X05 |


| Database Lab | 24 Computers <br> (16 + 8) <br> 16 Computers Details <br> MAKE : Dell Vostro 3471 ST, <br> PROCESSOR : Intel Core i3-9100 9th Gen @ 3.60GHz <br> RAM : 20GB DDR 4, 1333 GHz <br> MONITOR : LED DELL 18.5' wide screen <br> HDD : 1TB SATA <br> KEYBOARD : Wired Dell USB Keyboard <br> MOUSE: Wired Dell Optical USB Mouse. <br> WIRELESS : In built wireless LAN \& Bluetooth. <br> 8 Computers Details <br> MAKE : Dell Vostro 3800ST, <br> PROCESSOR : Intel core i3-4170 @ 3.70Ghz <br> RAM : 4 GB DDR 3, 800 GHz <br> MONITOR: LED DELL 18.5' wide screen <br> HDD : 500GB SATA <br> KEYBOARD : Wired Dell USB Keyboard <br> MOUSE: Wired Dell Optical USB Mouse. <br> 02 Switch <br> D-Link 24 Port Gegabyte Switch <br> 01 Projector <br> EPSON EB - X05 |
| :---: | :---: |
| Web Technology Lab | 24 Computers <br> Details <br> MAKE : Dell Vostro 3668 ST, <br> PROCESSOR : Intel Core i3-4170 7th Gen @ 3.9 GHz <br> RAM : 8GB DDR 4, 1333 GHz <br> MONITOR : LED DELL 18.5' wide screen <br> HDD : 1TB SATA <br> KEYBOARD : Dell USB Keyboard <br> MOUSE: Dell Optical USB Mouse. <br>  <br> Bluetooth. <br> 01 Printer <br> HP LaserJet Printer 1018 <br> 02 Switch <br> D-Link 24 Port Switch |
| Software Lab | 24 Computers <br> Details: <br> MAKE : Dell Vostro 3668 ST, <br> PROCESSOR:Intel Core I3-4170 7th Gen @3.9 GHz <br> RAM : 4GB DDR 3, 1333 GHz <br> MONITOR : LED DELL 18.5' wide screen <br> HDD : 1TB SATA <br> KEYBOARD : Dell USB Keyboard <br> MOUSE : Dell Optical USB Mouse. <br> WIRELESS : In built wireless LAN \& Bluetooth. <br> 01 Printer <br> Canon LBP 2900B LaserJet Printer <br> 02 Switch <br> D-Link 24 Port Switch <br> CISCO 24 Port Switch <br> 01 Projector <br> EPSON EB - X05 |


| Network Lab | 24 Computers (16+8) <br> 16 Computers <br> Details <br> MAKE : Dell Vostro 3471 ST, <br> PROCESSOR : Intel Core i3-9100 9th Gen @ <br> 3.60 GHz <br> RAM : 20GB DDR 4, 1333 GHz <br> MONITOR : LED DELL 18.5' wide screen <br> HDD : 1TB SATA <br> KEYBOARD : Wired Dell USB Keyboard <br> MOUSE: Wired Dell Optical USB Mouse. <br>  <br> Bluetooth. <br> 8 Computers <br> Details <br> MAKE : Dell Vostro 3800ST, <br> PROCESSOR : Intel core i3-4170 @ 3.70Ghz <br> RAM : 4 GB DDR 3, 800 GHz <br> MONITOR: LED DELL 18.5' wide screen <br> HDD : 500GB SATA <br> KEYBOARD : Wired Dell USB Keyboard <br> MOUSE: Wired Dell Optical USB Mouse. <br> 02 Switch <br> D-Link 24 Port Gegabyte Switch <br> 01 Projector <br> EPSON EB - X05 |
| :---: | :---: |
| Operating System Lab | 22 Computers <br> MAKE : Dell Vostro 3668 ST, <br> PROCESSOR : Intel Core I3 4170 7th Gen @ 3.9 GHz <br> RAM : (16 PC'S-8GB DDR 4, 1333 GHz \& 6PC'S-12GB DDR4) <br> MONITOR : LED DELL 18.5' wide screen <br> HDD : 1TB SATA <br> KEYBOARD : Dell USB Keyboard <br> MOUSE : Dell Optical USB Mouse. <br> WIRELESS : In built wireless LAN \& Bluetooth. <br> 01 Printer <br> Canon LBP 2900B LaserJet Printer <br> 02 Switch <br> D-Link 24 Port Switch |

Department of Information Technology

| Name of the Laboratory | Lab / Major Equipments |
| :--- | :--- |
| Software Lab - 1 Lab | 25Computers |
|  | MAKE:DellVostro3470 |
|  | PROCESSOR:IntelCorei38100CPU@3.60GHz |
|  | HDD:ITB SATA,RAM:8GBDDR41200MHz |
|  | MONITOR:LEDDELL18.5'widescreen |
|  | KEYBOARD: Dell USB Keyboard |
|  | MOUSE : Dell Optical USBMouse. |
|  | WIRELESS:InbuiltwirelessLAN\&Bluetooth.01 |
|  | Printer:HPLaserJet1020Plus |
|  | 02Switch:D-Link24PortSwitch |


| Software Lab - II Lab | 25Computers <br> MAKE:DellOptiplex3070 <br> PROCESSOR:IntelCorei39100CPU@3.60GHz <br> HDD :ITBSATA,RAM :16GB DDR41200MHz <br> MONITOR:LEDDELL18.5'widescreen <br> KEYBOARD: Dell USB Keyboard MOUSE: Dell Optical USB Mouse. <br> WIRELESS:InbuiltwirelessLAN\&Bluetooth. 01 <br> Printer:CanonLBP2900BLaserJetPrinter02 <br> Switch:D-Link24PortSwitch |
| :---: | :---: |
| Internet Programming Lab | 25Computers <br> MAKE:DellVostro3470 <br> PROCESSOR:IntelCorei38100CPU@3.60GHz <br> HDD:ITB SATA ,RAM:8GBDDR41200MHz <br> MONITOR:LEDDELL18.5’widescreen <br> KEYBOARD: Dell USB Keyboard <br> MOUSE:Dell Optical USB Mouse. <br> WIRELESS:InbuiltwirelessLAN\&Bluetooth. 01 <br> Printer:HPLaserJet1020Plus <br> 02Switch:D-Link24PortSwitch |
| Computer Network Lab | 25Computers <br> MAKE:DellVostro3470 <br> PROCESSOR:IntelCorei38100CPU@3.60GHz <br> HDD:ITB SATA ,RAM:8GBDDR41200MHz <br> MONITOR:LEDDELL18.5'widescreen <br> KEYBOARD: Dell USB Keyboard <br> MOUSE : Dell Optical USB Mouse. <br>  <br> Bluetooth. 01 <br> Printer: Canon LBP 2900B LaserJet Printer02 <br> Switch:D-Link24PortSwitch |
| Database Lab | 25 Computers <br> MAKE:DellOptiplex3070 <br> PROCESSOR:IntelCorei39100CPU@3.60GHzHDD <br> :ITBSATA,RAM :16GB DDR41200MHz <br> MONITOR:LEDDELL18.5'widescreen <br> KEYBOARD: Dell USB keyboard MOUSE: <br> Dell Optical USB Mouse. <br> WIRELESS:In built wireless LAN \& Bluetooth. <br> 01Printer:CanonLBP2900BLaserJet Printer02 <br> Switch:D-Link24PortSwitch |
| Advanced Technology Lab | 25 Computers <br> MAKE:DellVostro3670 <br> PROCESSOR:IntelCorei38100CPU@3.60GHz <br> HDD: ITBSATA,RAM:8GBDDR41200MHz <br> MONITOR:LEDDELL18.5'widescreen <br> KEYBOARD: Dell USB Keyboard <br> MOUSE: Dell Optical USB Mouse. <br> WIRELESS:InbuiltwirelessLAN\&Bluetooth. 02 <br> Switch:D-Link24PortSwitch <br> Components: Arduino Mega 2560 <br> Raspberry Pi 3 B+ NodeMCU <br> Communication Modules- WiFI Modules, Bluetooth \& RF <br> Sensors \& Actutators |

## Department of Applied Science and Humanities

| Name of the Laboratory | Lab / Major Equipments |
| :---: | :---: |
| Structured Programming Approach Lab | 25 Pcs With The Following Configuration: <br> Dell Vastro 3470, Intel Core I3-8th Gen @ 3.60ghz, 4gb Ram. Operating System: Windows 10, <br> 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 <br> 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 <br> (Intel Core I3-7th Gen 4GB Ram, 1TB HDD, 18.5" LED Monitor) QTY 24. <br> 2) HCL INTEL CORE 2 DUO <br> (2 GB RAM, 500 GB HDD) Qty01 <br> 3) Asus Intel Celeron <br> (2GB RAM, 160GB HDD) Qty01 <br> 4) Dell Desktop Vostreo 3670 <br> (Intel Core I3-8th Gen 4GB Ram, 1TB HDD, 18.5" LED Monitor) Qty8. <br> 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 ForceApp. 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. |
| 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 +50 mbps
- Total number of Computer systems connected by LAN-528
- Total number of computer systems connected by WAN-528
- Major soft ware packages available- Windows 10 , Linux
- Special purpose facilities available - Dedicated Computer Centre for students
- A Language Lab with 21 computers
- Listof 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.

- 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 / tours to different parts of the country 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.

## - Details of Academic Calendars 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 visitthe website of University of Mumbai - www.mu.ac.in
- Academic Calendar of the University- Available on www.mu.ac.in
- Academic Time Table with the name of the Faculty members handling each course - Available on our college website - Available on www.xavier.ac.in
- Internal Continuous Evaluation System- Available on www.xavier.ac.in
- Student's assessment about the course and the faculty- Available on our college website Available on 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. <br> No. | Academic <br> Year | First Year <br> Engineering | Direct Second <br> Year <br> Engineering |
| :---: | :---: | :---: | :---: |
| 1 | $2022-23$ | $235+11^{*}+1^{* *}$ <br> *TFWS students <br> ** J \& K student | 47 |
| 2 | $2021-22$ | $156+9^{*}$ <br> *TFWS students | 31 |
| 3 | $2020-21$ | $154+8^{*}$ <br> *TFWS Students | 38 |

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

- Number of Projects are carried out through the funds / agency or Grant receivedfrom Government Organisation.
- Publications (if any) out of research work/ the projects from the last 3 years ( seeour college website).
- Industry Linkage ( see our college website)

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 | Minor Research Project Grant-University of Mumbai | $27^{\text {th }}$ January 2020 | Software coding and testing, Purchase of Components | Mrs. Sushama Khanvilkar |
| 2 | Minor Research Project Grant-University of Mumbai | March 2019 | Implemented two modules. Hardware part is done | Mrs. Kavita Jain |
| 3 | CodeChef | 25th Jan 2022 | Weekly Python <br> Programming <br> Practice Assignment to students using CodeChef platform | Mr. Omprakash Yadav |
| 4 | BridgeLabz Solutions Pvt. Ltd | 13th Mar 2023 | Workshop on LinuxTerminal Commands | Ms. Tejal Deshpande |
| Electronics and Telecommunication Engineering |  |  |  |  |
| 1 | BSNL | 26th August 2020 | Lecture from BSNL Pune | Dr. Vidya Sarode |

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.

