YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution   Xavier Institute of Engineering

- Name of the Head of the institution   Dr. Y. D. Venkatesh

- Designation   Principal

- Does the institution function from its own   Yes
  campus?

- Phone no./Alternate phone no.   022-24451961

- Mobile No: 09820198029

- Registered e-mail   office@xavier.ac.in

- Alternate e-mail   ydvenkatesh@yahoo.com

- Address   Xavier Institute of
                                                                        Engineering,Opposite S.L.Raheja
                                                                        Hospital, Mahim Causeway, Mahim
                                                                        (West), Mumbai - 400016,
                                                                        Maharashtra

- City/Town   Mumbai

- State/UT   Maharashtra

- Pin Code   400016

2.Institutional status

- Affiliated / Constitution Colleges   Affiliated

- Type of Institution   Co-education

- Location   Urban

- Financial Status   **Self-financing**

- Name of the Affiliating University   **University of Mumbai**

- Name of the IQAC Coordinator   **Dr. Chhaya Dhavale**

- Phone No.   **02224454559**

- Alternate phone No.   **02224451961**

- Mobile   **80971 81363**

- IQAC e-mail address   **xie-iqac@xavier.ac.in**

- Alternate e-mail address   **chhaya.n@xavier.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://xavier.ac.in/NAAC%20AQAR.php

4.Whether Academic Calendar prepared during the year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://xavier.ac.in/Academic%20Calendar.php

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A+	3.31	2024	09/08/2024	08/08/2029
Cycle 1	B+	2.63	2019	01/04/2019	31/03/2023

6.Date of Establishment of IQAC   **18/12/2018**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	Nil	Nil

8.Whether composition of IQAC as per latest NAAC guidelines   **Yes**

- Upload latest notification of formation of   [View File](#)

IQAC

9.No. of IQAC meetings held during the year **2**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

11.Significant contributions made by IQAC during the current year (maximum five bullets)

Successful Completion of NAAC 2nd Cycle of Accreditation with A+ Grade.

Conduction of Academic and Administrative Audit (AAA).

The IQAC has been instrumental in fostering a dynamic environment of lifelong learning and value added courses on campus. The IQAC makes sure that all students may go beyond what is taught in the regular curriculum and improve their knowledge and abilities by offering a wide variety of electives. Students are better prepared to meet the changing needs of their areas, and the educational experience is enhanced as a result of this program.

Increase infrastructure facilities on campus.

Participation in NIRF and Department of Computer Engineering applied NBA.

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Preparation for NAAC PTV.	Smooth conduction of NAAC PTV.
Improving research activities and increasing publications in reputable journals.	Exponential increase in Research activities and publications.
To introduce value added courses for all the students.	Value added courses Conducted.
To conduct an Internal and External Academic Audit.	Internal and External Academic Audits have been Conducted.
To organize Seminars, Workshops, Faculty Development Programs, Orientation Program.	Organized Seminars, Workshops, Faculty Development Programs, Orientation Programs.
In association with the NSS organize a blood donation camp and beach clean ups.	Organized a blood donation camp with the Motto Donate Blood and Save Life and also cleaned many beaches.

13. Whether the AQAR was placed before statutory body?   Yes

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	16/03/2024

14. Whether institutional data submitted to AISHE

Part A	
Data of the Institution	
1.Name of the Institution	**Xavier Institute of Engineering**
• Name of the Head of the institution	**Dr. Y. D. Venkatesh**
• Designation	**Principal**
• Does the institution function from its own campus?	**Yes**
• Phone no./Alternate phone no.	**022-24451961**
• Mobile No:	**09820198029**
• Registered e-mail	**office@xavier.ac.in**
• Alternate e-mail	**ydvenkatesh@yahoo.com**
• Address	**Xavier Institute of Engineering,Opposite S.L.Raheja Hospital, Mahim Causeway, Mahim (West), Mumbai - 400016, Maharashtra**
• City/Town	**Mumbai**
• State/UT	**Maharashtra**
• Pin Code	**400016**
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• Type of Institution	**Co-education**
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• Financial Status	**Self-financing**
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Cycle 1	**B+**	**2.63**	**2019**	**01/04/2019**	**31/03/2023**

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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**	
• Upload latest notification of formation of IQAC	View File	
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Yes

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	16/03/2024

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2023-2024	08/01/2025

15.Multidisciplinary / interdisciplinary

In line with NEP, Xavier Institute of Engineering as an affiliated college to the University of Mumbai provides the base for multidisciplinary/interdisciplinary courses in various domains of STEM, to be part of the teaching learning process. Xavier Institute of Engineering was started with the aim of inculcating strong educational ethics in young minds and offering multidisciplinary engineering programmes. Our Institutional

practices precisely gel well with the ideas and codes of conduct prescribed in the New Education Policy that aims to take education beyond the conventional classroombased boundaries. The Institute assimilates and sinks with the vision of National Education Policy to provide high quality education to nurture the joy of excellence. The curriculum involves subjects of humanities and basic sciences in the first year to build a strong foundation of STEM. 'Environmental studies' is also offered as an elective in the final year. The faculty update themselves by attending Faculty Development Programs (FDP). They also upgrade their existing knowledge and explore the newer horizons of the subject through research. The knowledge acquired through these methods is further enhanced by taking the students to the Industrial Visits where the teachers provide the students with the live experience of how things work. This helps them in developing holistic and analysis-based practical learning and application. The Institute is also proactively working towards the implementation of the suggestions given in the NEP-2020.

16.Academic bank of credits (ABC):

As per National Education Policy 2020, the Academic Bank of Credits (ABC) has been envisaged to facilitate the academic mobility of students with the freedom to study across the Higher Education Institutions in the country with an appropriate "credit transfer" mechanism from one programme to another, leading to attain a Degree/ Diploma/PG-diploma, etc., Xavier Institute of Engineering, being affiliated to Mumbai University shall continuously work towards implementation of the Academic bank of credits from time to time as per guidelines issued by University of Mumbai from the Academic year 22-23.The students in the institute have registered on ABC portal and the information of the same is updated to the University of Mumbai. The students are continuously guided about the process of registration and the importance of keeping the ABC account updated.

17.Skill development:

The institute offers various value-added courses and workshop with hands-on experience to promote the technical skill development among all students. Value-based education is encouraged by conducting lectures on 'Universal Human Values' as promoted by AICTE. Inclusion of the course of 'Professional and business Communication skills and Ethics' in Semester II and V enable the students to hone their individual communication skills as well as other interpersonal skills as required for team-interactions.

18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The Institute although follows English as the primary medium of instruction, it also allows scope for regional languages like Hindi and Marathi to be incorporated for a relatable intellectual exchange. It also makes an attempt to preserve the Indian culture and promote it by organizing various cultural events like the 'Garba celebration' and other festivals. The institute's cultural event, Spandan, offers a platform to display Indian culture through the mediums of dance and singing. The students get to showcase their talents such as folkdance, music, art of different states of India and also promote different time periods to bring forth their significance on the contemporary society

19. Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The specific objective of practicing and achieving outcome-based education is to ensure that the curriculum is designed to achieve the specific knowledge or skills that the student should acquire. They form the Program Outcomes (POs) that reflect the skills, knowledge and abilities of graduates regardless of the field of study. In outcome-based education, a "design down" process is employed which moves from POs to Course Outcomes (COs) and outcomes for individual learning experiences. Each course outcome must be detailed and focused on the specific performance to be expected. The faculty must be able to measure each Course Outcome by using the appropriate verb mentioned in Bloom's taxonomy. Each course outcome must be such that the students must be able to achieve those with a reasonable amount of effort and application of the knowledge gained by them. The course outcomes are mapped to program outcomes. Data is collected from different assessment tools to evaluate the Course outcome: Internal assessment, assignments, projects, lab experiments, etc. The quality of the assessment tools is checked by the course coordinator to ensure CO coverage and the difficulty level of the question paper. The targets of attaining course and program outcomes are set in advance by the course instructor based on the previous year's performance. The CO and PO attainment calculation process starts with CO attainment calculation and the CO attainment values that are used for PO calculation. These attainment levels of program outcomes are analyzed to find gaps if any at the program level and the appropriate action is planned. This whole process ensures the graduate outcomes that are measured, and Xavier Institute of Engineering effectively achieved these during the four years of engineering education. The POs, COs, PSOs are all tracked and as soon as the module is taught the tests are conducted to check the

development of the students. Extra focus is given to those students whose progress in a slower manner as compared to others.

20.Distance education/online education:

Xavier Institute of Engineering has been carrying out activities related to academics with curriculum delivery through various teaching strategies, assessment and examinations using offline/online education mode. The faculty members use offline/online platforms and create the learning resources by recording videos. The Practical sessions are conducted using labs, simulation tools. G Suite are also used for various teaching-learning activities of academic and administrative purposes. So, the institute is well prepared to implement distance education/online education too. Faculties are encouraged to enroll and attend online webinars, workshops, STTP, FDP etc. The subject teachers prepare their teaching lesson plans well in advance and post it in the ERP, where it is open to view by every student. The class precedes with a prerequisite test where sample questions from the subject are posed to the students who attempt the test and the teachers come to know the capability of the class. This test along with active classroom observation are the basis of carrying on the lesson plans in the semester period.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**218**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**822**

File Description	Documents
Data Template	View File

2.2	**39**

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**172**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**50**

File Description	Documents
Data Template	View File

3.2 Number of Sanctioned posts during the year	**50**

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	**11**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**248.37**
4.3 Total number of computers on campus for academic purposes	**744**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Our Institute XIE is affiliated with the University of Mumbai, and the curriculum and syllabus are prescribed by the university and are to be strictly adhered to. The institution has a well-developed system for effective implementation of the scheme of the curriculum. The teaching-learning process is based on proper planning and effective delivery of lectures, practicals, and tutorials as per the timetable, following the academic calendar. The academic calendar and timetable are displayed 15 days before the commencement of the semester on the institute website and notice boards. The FE orientation program was organized online to promote congenial and healthy atmosphere among FE students. Teachers could use Zoom links and Google Meet to conduct the classes. Open-source software is used to conduct online experiments as per the guidance by IITs. Internal assessment tests I and II are conducted after 40% and 70% coverage of the syllabus, followed by an end-of-semester examination conducted by the university. Well-defined program outcomes and course outcomes provide direction to teaching and other activities. Students are encouraged to carry out research work and present papers in seminars, conferences, and journals, and also to attend guest lectures, industrial visits, and various training programs.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://www.xavier.ac.in/AC%202023-24%20Even.php

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Our Institute XIE is affiliated to University of Mumbai and the curriculum and syllabi are prescribed by the university that is to be strictly adhered to. The institution has a well-developed academic calendar for each semester which is shared with all the respective students and teachers at least 15 days before the commencement of each semester. It clearly provides the important dates of commencement of the semester, internal assessment tests, university examination, departmental meetings, Parents – Teachers' meet, mentoring session to be held with mentee and the guest

lecture to be conducted. Learning process of students is monitored by the faculty members on the basis of continuous evaluation. Teaching - Learning process in the institute is followed with a student-centric method of teaching such as providing them with question banks for self - practice. The question bank is shared in blended mode using Google classroom and ERP portal as well as through notice board. ICT is used extensively to ensure effective conduction of examination and display of results.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://www.xavier.ac.in/AC%202023-24%20Even.php

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

4

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

10

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

573

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

573

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Gender:

Our Institute XIE truly respects all the students and encourages them to follow a code of conduct and maintain discipline on campus. Students participate in various curricular and extracurricular activities irrespective of their gender. The Institute has a Women Development Cell to address gender discrimination and nurture women's empowerment through various workshops and seminars.

Environment and Sustainability:

XIE is conducting two courses for B.E. students, Disaster Management & Mitigation Measures and Environmental Management, which help the students spread awareness about environmental protection and sustainable development in society.

Various awareness programs, blood donation camps, etc. are conducted under the NSS centre of XIE. Solar Energy Harnessing Panels are implemented at the institute, which promotes the use of clean energy.

Human values and professional ethics:

Curriculum courses like Business Communication and Ethics, Professional Communication and Ethics, Cyber Security and Laws, and Project Management play an important role in imparting values.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

10

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

587

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.xavier.ac.in/Feedback.php

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

240

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

39

File Description	Documents
Any additional information	[View File](#)
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

2.2.1: Theinstitution assesses the learning levels of the students and organizes special programs for advanced learners and slow learners.

The Institute has fixed a process for finding advanced and slow learners as follows:

Each subject teacher will identify the advanced and slow learners in their respective subject(s).

The Scale for Identification of advanced learner assessment percentage is greater than or Equal to 70 % and the scale for Slow Learner assessment percentage is less than or equal to 40 % (Faculty can change these percentages levels with proper justification.)

Activities for slow learners are carried out as given below:

1) Problem-solving or revision sessions are conducted

2) Students are prepared by giving them special assignments.

Personal attention is provided by the respective subject teacher in teaching.

Activities for advanced learners are carried out as given below:

1) Advanced learners are asked to conduct a seminar or advance topics for Juniors or students of the same class

2) They perform projects on their area of interest

3) Students are encouraged for Paper Writing

4) They are given difficult programming challenges.

5) Special Assignments are provided, etc.

File Description	Documents
Link for additional Information	https://drive.google.com/drive/folders/1nFnW7f3ei88wYGQp1eDyIYIpeYmwgkes
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
822	50

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Xavier Institute of Engineering, Mahim fosters a student-centric learning environment through various initiatives that emphasize experiential and participative learning.

1. Experiential Learning: Students engage in industry internships and industrial visits, gaining hands-on experience in real-world environments. Project work helps students develop critical skills by tackling complex problems, while laboratory courses provide opportunities for practical engineering tasks, such as AI/ML experiments. Weaker students receive support through remedial classes to improve their academic performance.

2. Participative Learning: Students are encouraged to engage in social activities like blood donation and Swachh Bharat Abhiyan under the National Service Scheme (NSS), promoting social responsibility. Student paper publication fosters research skills, while platforms like NPTEL, Coursera, and MOOCs offer additional learning opportunities. Project exhibitions and hackathons motivate students to enhance

their skills through creative and competitive challenges, and group presentations and video summaries improve collaboration and communication skills.

3. **Problem-Solving Methodology:** Students are encouraged to undertake case studies using various resources, providing practical insights into current technologies. Hackathons/ideathons promote teamwork and innovative problem-solving, while project competitions allow students to compete at the state and national levels, boosting their confidence and academic growth.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://drive.google.com/drive/folders/1Ic eVxyCQJOvUzl-yYZsMe_98XW3Z84Lo

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

ICT (Information and Communication Technology) tools significantly enhance the teaching and learning process by making education more interactive, accessible, and engaging. Key tools include:

1. **ERP:** A centralized platform for faculty and students to interact, upload materials, submit assignments, and track progress.

2. **Videoconferencing Tools:** Platforms like Zoom and Google Meet facilitate virtual classrooms and real-time interaction.

3. **Interactive Whiteboards:** Digital boards like Smart Boards allow for dynamic lessons with multimedia content.

4. **Educational Apps and Platforms:** Online courses on platforms like Coursera and Udemy provide self-paced learning opportunities.

5. **Collaborative Tools:** Tools like Google Docs and OneDrive enable real-time collaboration on documents and projects.

6. **Multimedia Tools:** Software such as Adobe Creative Suite and Canva helps create engaging visuals and presentations.

7. **Assessment Tools:** Platforms like Kahoot! and Google Forms make quizzes and assessments more interactive and provide instant feedback.

8. **Cloud Storage:** Services like Google Drive and Dropbox allow easy storage, sharing, and access to resources.

9. **E-Books and Digital Libraries:** Platforms like Science Direct and NDLI provide access to vast digital resources.

The benefits of these tools include increased engagement, personalized learning, access to global resources, improved collaboration, efficiency, and flexibility. Integrating ICT tools into classrooms enhances the overall learning experience.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://drive.google.com/drive/folders/1uY0zDiLMfwEFFoiX34w6W0kLq5Kcs_sw

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

46

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

50

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

16

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

563

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and

mode. Write description within 200 words.

The college has a transparent and robust internal evaluation process in terms of frequency and mode.

For transparent and robust internal assessment, the following mechanisms are considered

- At the beginning of the semester, faculty members inform the students about the various components of the internal assessment process during the semester.

- The Internal Assessment Test (IAT) schedules are prepared as per the university guidelines and communicated to the students well in advance.

- The Internal assessment test-I is conducted after 40% coverage of the syllabus.

- The second Internal assessment test- II is conducted after 80 % coverage of the syllabus.

- To ensure proper conduct of IAT tests, invigilators are assigned to each hall.

- The result of this examination is displayed and interacted with students within three to four days from the conduction of the IAT examinations.

- The corrected answer papers of the students are distributed to them for verification by the students and any grievance is redressed immediately.

- The final marks obtained by the students in internal assessment tests are communicated to all the students or displayed on the departmental notice board.

- The examination committee conducts the end-semester theory, oral and practical examinations as per guidelines received from Mumbai university.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://drive.google.com/drive/folders/1qj_SnDLPpYOriZ9ZDzpL6sUZxnAe8mhq

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The Institute forms two different committees namely

- **The Examination committee**

- **The grievances redressal Committee**

1. **The Examination committee: Following are the members of the committee the Institutional Chief examination Officer, the Chief Conductor, the Senior supervisor, and the Understudy supervisor to ensure for smooth conduction of end-semester examinations held at the Institute.**

2. **The grievances redressal Committee: The head of the institute appoints four to five senior faculty members to this committee; the members of this committee hold a meeting at the end of the examination to resolve all the grievances happened related to the current semester examination.**

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://drive.google.com/drive/folders/1Ko7M6JbMBfMD25sPe8B8cSSkhIjHu-pM

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Processes for formulating, approving, and publishing program outcomes (POs), program specific outcomes (PSOs), and program educational objectives (PEOs) are discussed and adopted by the

Internal Quality Assurance Cell (IQAC) in collaboration with multiple stakeholders. All of the institution's program objectives and outcomes are listed and visible on the college website, https://www.xavier.ac.in/. The link to the institute's mission and vision is https://www.xavier.ac.in/index.php

The Board of Studies (BOS) at the University of Mumbai, which also defines each course's course outcomes, creates the curriculum that the Institute adheres to. The BOS participates in discussions on the anticipated course-specific outcomes and confirms that they are in line with the program outcomes with subject matter experts from academia and industry. Following finalization of the syllabus, the university arranges an orientation workshop wherein the syllabus and COs are deliberated and subsequently sent to all connected institutes. COs are stated for all courses in clear statements of what a student should be able to demonstrate upon completion of a course concerning knowledge and skills. The CO's are disseminated to students via syllabus, website, and course plan.

Course outcomes are disseminated to the students in the following way:

1. During the first lecture of every semester

2. Laboratory Notice Board

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://drive.google.com/drive/folders/1ZXxX21tEUcClxiYeHnMjAzxaUJpW6R5I
Upload COs for all courses (exemplars from Glossary)	[View File](#)

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The course outcome attainment is broadly done in two parts, namely direct assessment (90%) and indirect assessment (10%). COs and POs are correlated on a scale of 1 to 3, with 1 being low, 2 being moderate, and 3 being high.

Direct methods consist of students' performance in the class/assignment test, internal assessment tests, assignments, seminars, laboratory experiments, assignments/Tutorials, MCQs, mini-projects/presentations, etc. Direct assessment consists of two parts, i.e., internal assessment (30%) and external assessment (70%). Indirect Assessment (10%) includes a course exit survey, which is taken upon completion of the course.

The internal assessments are done with a minimum of two tools that are selected from continuous internal evaluations (CIE), such as internal assessment tests, assignments, quizzes, laboratory experiments, and mini-projects. External Assessment: The external evaluations include the End Semester Examination (ESE) conducted by the university.

Attainment of program outcomes and program-specific outcomes is mainly done by using direct and indirect assessment methods. The weightage for direct assessment (80%) is higher as compared to indirect assessment (20). Direct Assessment is derived from CO attainment from all courses based on CO-PO mapping.

- Indirect assessment is carried out by using the program exit survey.

File Description	Documents
Upload any additional information	[View File]()
Paste link for Additional information	https://drive.google.com/drive/folders/13DSSmlTKL54n48DribilkQWSavpSP1yL

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

172

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://drive.google.com/drive/folders/1fQqg7qGXmikwixmUbnFcYL91IJiDaffN

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://xavier.ac.in/pdf/2023-24_C2.7.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

`0.95`

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

`2`

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://citizencreditbank.com/mybank/branch-mahim

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

42

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

25

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

20

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The Xavier Institute of Engineering (XIE) carries out extension activities in the neighborhood community to sensitize students to social issues through its National Service Scheme(NSS) Unit. The NSS Unit of XIE has undertaken several impactful activities across Mumbai to promote community welfare, environmental sustainability, and public awareness in the AY-2023-24. Below is a summary of these initiatives:

1. Blood Donation Camps

   - Churchgate Railway Station, Mumbai

   - Dadar Railway Station, Mumbai

2. Environmental Awareness and Cleanup Drives

   - Versova Beach Cleanup, Mumbai

   - Colaba Beach Cleanup, Mumbai

   - Tree Plantation Drive at Manori, Mumbai

   - Environment Cleanup at Sanjay Gandhi National Park, Borivali, Mumbai

   - Mithi River Cleanup, Mumbai

   - Versova Ice Factory Cleanup, Mumbai

3. Community Engagement and Safety Awareness

- **Crowd Controlling during Ganpati Festival, Mahim Beach, Mumbai**

- **Seminar on Road Safety and Helmet Awareness**

4. Peace and Cultural Events

- **Hiroshima Peace Day Rally, Mumbai**

- **AmritKalash Rally at Mahalaxmi, Mumbai**

5. Educational and Institutional Events

Convocation Ceremony at University of Mumbai: The NSS Unit participated in the convocation, celebrating the achievements of graduates and supporting institutional values.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

4

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS

awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

16

File Description	Documents
Reports of the event organized	View File
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

195

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

24

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

5

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The campus spans 3 acres, with a built-up area of 8,399 sq.m., featuring a high-standard building that includes 10 classrooms, laboratories adhering to AICTE norms, and a computer center with 73 computers. Facilities include a 300-seat seminar hall, drawing hall, conference room, tutorial rooms, workshop, library, administrative offices, examination section, Director's office, TPO office, HOD cabins, Ombudsman office, and a canteen. All labs and offices are intercom-connected, meeting AICTE infrastructure standards.

The institute is equipped with a 104kW solar system. Proximity to SL Raheja Hospital ensures quick access to medical assistance. On-

campus medical first aid, fire extinguishers, and water purifiers on every floor enhance safety and convenience.

Each faculty member is provided with a dedicated laptop or desktop for lecture and practical preparation. Internet access is available for teaching and non-teaching staff, as well as students. At the start of every academic year, infrastructure upgrades and replacements are carried out based on inputs from lab staff, subject experts, and department heads. Departmental libraries house selective book collections.

The institution supports disabled individuals with facilities like lifts, ramps, restrooms, and wheelchairs. It also offers separate common rooms for boys and girls, a hygienic canteen, ample parking, and CCTV surveillance for security.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The institution has spacious ground for outdoor sports and adequate facilities for indoor games. To encourage personality development, team spirit and leadership qualities among students, the institute encourages students to participate in various sports and games at different levels. Sports facilities have been provided to students to participate in various games such as Cricket, Football, Basketball, and Volleyball and ensure they participate in the extra-curricular activities. Yoga sessions are conducted in the seminar hall. Cultural Festival- Spandan is held every year to explore and nourish the hidden talents of the students. Every year the student council organizes various intercollegiate & intra-college events such as dance, fashion show, street play and so on. Students are encouraged to organize various cultural activities in the college so that the students efficiently conduct various events such as teacher's day, Engineers Day, cultural Day celebration Farewell, Fresher party, etc. Students organize a TedX event every year.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

11

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

11

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

187.08

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	[View File](#)
Upload Details of budget allocation, excluding salary during the year (Data Template)	[View File](#)

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

XIE library is a knowledge resource center, which has an invaluable resources for thestudents and faculty members in the area of Engineering and Technology. The XIE Library is situated on the first floor of the building above the general office andadjacent to the conference room. It encloses a total area of area of over 400sqm. The total seating capacity of the reading room is 100 and that of the reference section 50. Library Collection: The Library has a Good collection of the Print and non-Print materials. The Libraryhas subscribed to IEEE xplore for e-journals. The library has taken membership of DELNET database for e-books and e-journals.It is a member of the National DigitalLibrary of India. The XIE library maintains The Institution Repository with open-source software,Moodle which has Institution's reports, institutional magazines, faculty publication, academic rules, question papers, syllabus etc. The Library is computerized using SLIM 21 software. This is based on internationallyaccepted standards and is a comprehensive and user friendly library management software.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	**Nil**

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	**B. Any 3 of the above**

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

16.84

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

231

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	**No File Uploaded**

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The Institute offers state-of-the-art infrastructure spread over 4 acres, featuring ICT-enabled classrooms, well-equipped laboratories, sports facilities, and an eco-friendly environment with a Turf Ground, scenic landscapes, and aesthetic architecture. Classrooms are spacious, well-ventilated, illuminated, and maintained per norms for optimal visibility and audibility.

A high-speed campus-wide network connects all departments, supporting 690 systems and providing full access to staff through dual leased lines of 150 Mbps each. This distributed computing environment caters to specific teaching and learning needs, offering seamless access to computing resources, software, and applications. The campus houses 744 computers, 18 smart boards, and 2 servers (Moodle and ERP) to ensure robust network connectivity.

The campus is Wi-Fi-enabled, supported by Tata Net with 100 Mbps bandwidth and a 50 Mbps secondary backup. LAN interconnects departmental computers through switches, while multiple Wi-Fi

access points facilitate educational resource access.

The college website delivers essential updates for stakeholders, complemented by ERP and Google Classroom for teaching and emergency needs. Webinars and alumni talks are conducted via licensed Google Meet. Systems and software are upgraded regularly to maintain a student-to-computer ratio as per AICTE norms.

A CCTV surveillance system ensures campus security and activity monitoring, especially during exams, enhancing safety and accountability.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

744

File Description	Documents
Upload any additional information	[View File](#)
Student – computer ratio	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution	A. ? 50MBPS

File Description	Documents
Upload any additional Information	[View File](#)
Details of available bandwidth of internet connection in the Institution	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

187.08

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts.	[View File](#)
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View File](#)

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The Institute's Administrative Department, led by an Admin Executive and a Junior Admin Executive, ensures day-to-day campus cleanliness and maintenance. Contract workers handle electrical repairs and maintenance, supported by an in-house electrician and assistant electrician. For major civil maintenance, the trust hires civil contractors as needed.

Hygiene and cleanliness are prioritized with adequate in-house staff and contract workers, maintaining a healthy environment. Classrooms, labs, and seminar halls are cleaned regularly, while well-maintained washrooms ensure comfort for all. A dedicated team of two Garden Attendants tends to the garden, ensuring plants are watered and landscapes remain vibrant.

All campus equipment and facilities are maintained through Annual Maintenance Contracts (AMC) for elevators, intercoms, air conditioners, water purifiers, and water coolers.

Students and faculty are provided individual login credentials for internet access, available even after college hours in the labs. Alongside regular lab classes, value-added courses are offered, allowing students to practice and learn programming languages.

Lab Assistants, under the supervision of the System Administrator, ensure efficient machine upkeep. Minor technical issues are resolved by lab staff, while vendors assist with major problems. Periodic maintenance involves regular cleaning, equipment servicing, and software updates to ensure optimal functionality.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

217

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	[View File](#)
Upload any additional information	[View File](#)
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	[View File](#)

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

75

File Description	Documents
Upload any additional information	[View File](#)
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	[View File](#)

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above

File Description	Documents
Link to institutional website	https://xavier.ac.in
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

291

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

291

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

86

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

16

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State

government examinations) during the year

16

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

6

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The Students' Council (SC) at the institute aims to involve students in academic, co-curricular, and extracurricular activities to improve their skills in planning, organizing, analyzing, estimating, and executing tasks. The council is composed of General Secretary, Assistant General Secretary, and Secretary & Assistant Secretary for Technical, Cultural, and Sports. Other committees include Cultural, Sports, Technical events, Magazine, and NSS. The SC performs its duties under the Maharashtra Universities Act, 1994. The Cultural Committee coordinates cultural events, while the Sports Committee organizes

sports events.

The Cultural Committee organizes various cultural events and social gatherings, including the annual "Spandan" event, which showcases students' cultural talents.

The Sports Committee organizes various sports events, including cricket, football, and chess, involving students at both intercollegiate and interuniversity levels.

The Technical Committee organizes the annual "Transmission" symposium, featuring competitions like paper presentations, quizzes, robot wars, and model making, to enhance students' technical abilities.

The magazine committee publishes an annual magazine called 'Connexieon', showcasing students' talents through articles, poetry, and interviews.

Social awareness is created by "National Service Scheme (NSS)".Extension activities promote social awareness through hands-on experiences in community service.

File Description	Documents
Paste link for additional information	https://xavier.ac.in/Student%20Council.php
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

27

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The institution has a registered alumni association and an active governing body on the panel. This association provides a forum for the students to maintain and keep up their links with the institute. It provides numerous services to current students and alumni alike. Membership in the Alumni Association can be obtained by registering at the institute.

The Alumni Association provides many opportunities in which the alumni can participate, such as promoting programs, assisting future students with difficulties, etc. We are looking for our ex-students to come forward and start the process of making this Alumni Association a strong one so that the bonds among the students get stronger and promote understanding between the students of the past and present.

Objectives of the Xavier Institute of Engineering Alumni Association (XIEAA):

- To render a vibrant forum that promotes interaction and networking among alumni of the institute.
- To recognize and identify the role of XIEAA as important stakeholders in the continuing quest to provide excellence by way of academic and technical collaboration.
- To assist educational institutions like departments, schools, colleges, universities, training institutes, etc. in imparting knowledge and skills on subjects related to technology, social, population, and health sciences.
- To organize lectures, seminars, conventions, conferences,

workshops, retreats, training programs, and such gatherings for the purpose of achieving the objectives for which the XIEAA is established.

- To promote the professional development of students of XIEAA and their members and assist young professionals in their career planning and development.

File Description	Documents
Paste link for additional information	https://xavier.ac.in/Alumni.php
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) | D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Vision of the Institute:

To nurture the Joy of Excellence in a world of High Technology.

Mission of the Institute:

To strive to match global standards in technical education by interaction with industry, continuous

Staff training and development of quality of life.

The Institute's vision and mission clearly define that it works towards the student's excellence with joy by matching global standards in technical education. To foster and to realize the vision and mission of the Institute fruitfully, it is desirable to have a well-knit organizational structure; XIE has a strong organizational structure that includes the chairman of GC, director, principal, administrator, HoDs, deans, TPO, librarian, registrar, and faculty members (assistant professors, associate

professors, and professors).

The Governing Council of the Institute is primarily responsible for policy decisions related to infrastructure, financial management, human resource planning, and recruitment. The budgeting decisions are recommended by the College Development Committee (CDC). The Institute has also constituted an Internal Quality Assurance Cell (IQAC) for the planning & execution of development activities & promotion of quality culture institution-wide.

File Description	Documents
Paste link for additional information	https://xavier.ac.in/index.php#
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Participation of the teachers in the decision-making bodies:

The Institute has one staff nominee in the GC apart from the principal. Six teaching staff members have been elected to the CDC apart from the principal. The IQAC has 15 teaching staff members and 05 non-teaching staff members.

Various committees at the college and departmental levels ensure the decentralization of governance, and they are depicted by delegating roles and responsibilities to various coordinators appointed at the institute/department level.

Different deans with well-defined functions give academic and administrative leadership to the Institute Dean Academics, Dean R&D, Dean Staff & Students' Welfare, and Dean Finance.

File Description	Documents
Paste link for additional information	https://xavier.ac.in/Governing%20Council.php
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

```
Strategic Plan:

The institute planned to increase the Intake of Computer Engg.to
90. As planned, the institute has started a new branch named as
"Computer Science and Engineering (Cyber Security, IoT, Blockchain
Technology)" in the academic year 2022-23.

The Computer Science and Engineering (Cyber Security, IoT,
Blockchain Technology) undergraduate engineering course, which is
affiliated to the University of Mumbai, has an intake capacity of
60 seats. This BE-CSE (Cyber Security, IoT, Blockchain Technology)
undergraduate programme familiarizes students with the functional
and operational aspects of Cyber Security, IoT, and Blockchain
Technology.

The Cyber Security course aims to equip the students with
knowledge and skills required to defend the computer operating
systems, networks, and data from cyberattacks. Internet of Things
(IoT) is a pervasive technology that interrelates computing
devices to enable the transfer of data over a network without
requiring human-to-human or human-to-computer interaction.
Blockchain applications go far beyond cryptocurrency and bitcoin.
The students are exposed to the basic cryptographic primitives
used in Blockchain with an understanding and working knowledge of
the emerging blockchain technology.
```

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://drive.google.com/file/d/1Bnkgowj4L VDwSJocmeWCpP2Ypq940nmO/view?usp=drive_lin k
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The institution demonstrates efficient and transparent functioning through well-defined policies, administrative structures, and procedures. Key institutional bodies operate effectively, adhering to established service rules and appointment protocols. Decision-making is decentralized, involving committees and councils that ensure inclusivity and accountability. The policies are regularly updated to align with regulatory guidelines, fostering a robust governance framework. Periodic reviews of administrative processes and feedback mechanisms further enhance operational efficiency, contributing to the institution's overall performance and stakeholder satisfaction.

File Description	Documents
Paste link for additional information	https://xavier.ac.in/Code%20of%20Conduct%20-%20Faculty.php
Link to Organogram of the Institution webpage	https://xavier.ac.in/Administration.php
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institute has implemented effective welfare measures for both teaching and non-teaching staff. Staff members are provided with opportunities for skill enhancement, participation in workshops

and conferences, and pursuing advanced degrees. To support professional development, we offer various financial programs for faculty and staff, including funding for training and conference participation. Our faculty development programs enhance teaching and research skills, while staff are encouraged to pursue online courses and Ph.D. programs.

In addition to the professional development opportunities, we offer a comprehensive package of benefits to enhance staff well-being and job satisfaction. These benefits include a Provident Fund (PF), gratuity, and fee concessions for staff children. We also provide a group medical insurance plan, giving staff peace of mind regarding their health care needs.

Staff welfare schemes:

- Employee provident fund

- Sponsorship and fee reimbursement for workshops and conferences

- Soft loans to staff

- Gratuity

- Medical and maternity leave

- Technical skill upgradation training

- Earned leaves or vacation

File Description	Documents
Paste link for additional information	https://www.xavier.ac.in/Code%20of%20Conduct%20-%20Faculty.php
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

74

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

56

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institution implements a structured performance appraisal system to evaluate teaching and non-teaching staff. For teaching staff, the appraisal includes self-assessment, student feedback, and evaluation by higher authorities, focusing on academic contributions, research, and professional development. Non-teaching staff are assessed based on their efficiency, punctuality, and administrative contributions. The system ensures transparency and fairness, with the outcomes used to identify areas for improvement, provide constructive feedback, and recognize exceptional performance. This approach fosters a culture of accountability and continuous professional growth.

File Description	Documents
Paste link for additional information	https://xavier.ac.in/Feedback.php
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The college has a well-formulated financial policy that ensures effective mobilization and optimal utilization of finances for academic, administrative, and other developmental purposes. The institute has made the necessary provision for efficient and effective use of available funds for each academic year. The

primary fund required for the development of the institute, along with the day-to-day expenditures, comes from tuition fees and development fees paid by the students. The principal and the head of departments discuss the requirements and decide the priorities while allocating available financial resources for various purposes. The recommendations made by the head of the institute are normally approved by the director and local managing committee, which is later submitted to the governing council for final approval.

File Description	Documents
Paste link for additional information	https://xavier.ac.in/Fp%20Committee.php
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

NIL

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Mobilization of Funds:

The Institute is unaided and dependent solely on student fee collection. Fee to be charged to the students as approved by the Fee Regulating Authority. Trust is also getting an OD limit from the bank to meet the working capital requirements by mortgaging the personal assets of the trustees. Capital expenditure is met by availing long-term loans from the bank ranging between 7 to 10 years.

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Optimal Utilization of Resources:

The effective and efficient use of available financial resources
is made through budgetary allocations. The budget is prepared and
placed before the Governing Council for its approval. The
institution conducts external financial audits yearly. The
institution has appointed a qualified practicing chartered
accountant as an external auditor who audits the accounts of the
institute. The team of external auditors visits the college and
verifies all the receipts and payments along with vouchers and
also verifies statutory compliance. The observations made by its
team were initially attended to by the accounts team and discussed
in the meeting of trustees with auditors. The external auditors
conduct a statutory audit at the end of the financial year.
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File Description	Documents
Paste link for additional information	https://xavier.ac.in/Fp%20Committee.php
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

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IQAC is playing an apex role in every aspect of academics and
accreditation. The IQAC has made significant contributions to
framing and implementing quality assurance strategies and
processes. The IQAC and its constituent cell undertake various
quality assurance initiatives. IQAC conducts academic and
administrative audits (AAA) to assess the quality of various
academic and administrative activities of the institution.
Continuous improvement is achieved through periodic audits and
satisfying statutory requirements. The recommendations and
guidelines provided by the GC and CDC are implemented effectively
in coordination with the IQAC. The Internal Quality Assurance Cell
(IQAC) has contributed significantly to institutionalizing the
quality assurance strategies and processes response.
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File Description	Documents
Paste link for additional information	https://xavier.ac.in/NAAC%20IQAC.php
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC facilitates and creates a learner-centric environment conducive to quality education, conducting faculty development programs or workshops to adapt teaching and non-teaching faculties to the required current knowledge and technology for the participatory teaching and learning process. At Xavier Institute of Engineering, the teaching faculty implements many teaching-learning reforms such as Mind Maps, Collaborative Learning, Summary Videos, Presentation on Technical Paper Reviews, Lab Assignments, Flipped Classroom, Quizzes, Mock Viva, Group Discussion or Activity, Brainstorming, Role Plays, Project-based Learning, Case Study, Blended Learning using NPTEL During the last five years ICT enabled facilities have been strengthened with a total 27 numbers of smartboards.

File Description	Documents
Paste link for additional information	https://xavier.ac.in/pdf/IQAC/iqac%20integrated%20framework.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://xavier.ac.in/NAAC%20IQAC.php
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Gender sensitization is significant in all the institute's programs. Safety and security are among the different gender sensitization efforts. Gender awareness is promoted via workshops, seminars, guest lectures, street plays, poster displays, counselling, and other activities. In accordance with grievance committee regulations, the institution established anti-ragging, student disciplinary, women empowerment, SC/ST student welfare, and mentoring committees. The tasks of these committees are described on the institution's website and during orientation and induction activities. CCTV cameras and 24-hour campus security keep students and faculty safe. XIE's mentoring programs assist students in their academic, emotional, social, and cognitive development. Individualized counselling is provided to students.

National holidays and the birth anniversaries of prominent Indians are observed on a yearlybasis to inculcate principles and nationalism in students. Flag-hoisting, project displays, poster presentations, walks, and essay writing are all part of the festivities. Employees and students are enthralled by notable speakers on specific days. International Yoga Day, Teachers Day, Engineers Day, Woman's Day, Independence Day, Gandhi Jayanthi, and Republic Day are observed at the XIE.

Women Development Cell frequently arranges several scholarship programs like ALLYN FUND UP-SKILLING SCHOLARSHIPS, John and Frank Trocki Best XIE Girl students Award, and John and Frank Trocki Women of creativity Award.

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/drive/folders/1l9 5ziYRs85edNWSCalGn4IBPcoypx8NO
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://drive.google.com/drive/folders/1Qd KhgP4jLd9QzbLWjmfT3V6KwP7bkete

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Effective waste management is crucial for maintaining a safe and healthy environment for both the campus and its surrounding community. The policy addresses various types of waste through proper collection, segregation, and disposal systems.

Solid Waste Management: Solid waste is routinely collected in color-coded bins placed across the campus, segregated into biodegradable and non-biodegradable categories.

- **Green Bins: For biodegradable waste like food and organic matter.**

- **Blue Bins: For recyclable materials such as paper, metals, and cans.**

- **Red Bins: For hazardous waste.**

Biodegradable waste is sent to the municipal corporation for proper disposal, ensuring eco-friendly practices.

Liquid Waste Management: Non-reusable liquid waste is systematically drained into the local corporation's drainage system.

E-waste Management: E-waste, including discarded electronic devices, is managed through an agreement with SOGO Synergy, a leading e-waste solutions provider. They handle e-waste through eco-friendly methods, ensuring toxic materials are responsibly managed. The process includes assessment, disposal, and certification, reinforcing the institute's commitment to green IT recycling and environmental sustainability.

This policy ensures efficient waste management while promoting a sustainable and eco-friendly campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geo tagged photographs of the facilities	https://drive.google.com/drive/folders/1Wd MvZOTDxDLvOMCrXoCQ8mjK-ZXDmJFq
Any other relevant information	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment	A. Any 4 or all of the above

5. Provision for enquiry and information :
Human assistance, reader, scribe, soft copies
of reading material, screen   reading

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

In our college we undertake various initiatives in the form of celebration of days of Eminent personalities National Festivals, NSS and other such activities. These activities provide an inclusive environment by bringing students and teachers with diverse background on a single platform. These functions help in developing tolerance and harmony towards culture, region, language, religious and other social, economic diversities. The subject EVS and professional ethics is made mandatory to all U.G students across all the disciplines. Two important national festivals, Republic Day and Independent Day are celebrated every year in our College Campus. All teaching, non-teaching staff and students participate in this program.

An inclusive environment is one in which members feel respected by and connected with one another. XIE believes in cultural diversity and cultural tolerance as a key to social harmony and has a diverse range of student body as well as employees from diverse regions. In our Institute, the analysis has shown that students at the institute come from diverse cultural background such as North India, South India and from different religions such as Hindus, Muslims, and Christians.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

An inclusive environment is one in which members feel respected by and connected with one another. XIE believes in cultural diversity and cultural tolerance as a key to social harmony and has a diverse range of student bodies as well as employees from diverse regions. In our institute, the analysis has shown that students at the institute come from diverse cultural backgrounds, such as North India and South India, and from different religions, such as Hindus, Muslims, and Christians.

A cosmopolitan environment is built with each person bringing to the group a unique perspective that is influenced by his or her own unique cultural identity. The institution follows a tolerant recruitment policy with recruitments of staff from all parts of the country. This has resulted in making the employees cultural identity a multifaceted one. Diversity along all cultural dimensions is recognized, valued, and respected.

Irrespective of the state or the religion, the institute practices cultural inclusiveness to deepen mutual understanding and trust. Regardless of the cultural background, the institute focuses on developing all the students through academics, co-curriculars, and extracurricular activities.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

| 7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The | A. All of the above |

Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students,   teachers, administrators and other staff   4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	**No File Uploaded**

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

National Commemorative days and the birth anniversaries of prominent Indians are observed on a yearly basis to inculcate principles and nationalism in students. Flag-hoisting, project displays, poster presentations, walks, essay writing are all part of the festivities. Employees and students are enthralled by notable speakers on specific days. International Yoga Day, Teachers Day, Engineers Day, Woman's Day, Independence Day, Gandhi Jayanthi, and Republic Day are all observed at the XIE.

XIE has a strong ethical work culture that is based on inclusivity. It observes highest ethical standards in all its activities. Equal opportunities are provided to all individuals irrespective of gender, race, caste, colour, creed, language, religion, political or other opinion, national or social origin, property, birth or other status. There is an effective mentor-mentee system in the institution, wherein the mentor looks after academic as well as non-academic issues of the students. Additionally, a lady counsellor is appointed in the institution, who visits college regularly. Any student can meet and consult her in case of any psychological or mental issues. The confidentiality is maintained by the counsellor as well as college.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practices 1 Title of the Practice Skill development labs for building employability skills among students. Objectives of the Practice The present-day job market demands that the students be trained with new programming skills such as Python, Java, 3D Studio, C, C++, MySQL, etc., which require computers with good configuration of RAM and SSD hard disks. To equip the students with these sought-after skills and render them technically skilled for the job market, a skill-development lab sponsored by the industry has been set up in the institute. Best Practices 2 Inculcating confidence in the students through Course Summary Videos and Presentations Objectives of the Practice Interpersonal skills like self-confidence and public speaking are just as crucial as the knowledge of a subject to create well-rounded individuals. The practice of creating and presenting course summary videos aims to form individuals who not only possess knowledge of the subject but can also convey it just as articulately.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Deeply rooted in the Jesuit tradition, the institution takes its ideology of Care for creation withmuch sincerity and earnestness. The institute induces eco-conscious living through its

initiatives.As a responsible citizen of the world, the institute plays its role responsibly to conserve resources and protect the environment and encourages its stakeholders to do the same.The institute has adopted the following environmentally conscious practices: ? The ERP system is used to limit paper waste. Notices, assignments, and quizzes are shared through this system ? Staff members prefer the reusable steel plates and cups. ? The institute organizes beach-cleanups, tree plantings, and water-conservation awareness runs, under the NSS. ? The students are made aware of their role towards the environment through workshopsand seminars conducted by NSS, as well as intercollegiate events like the West ZonalJesuits Higher Education Association South Asian workshop for 'Eco-warriors' ? The institute has installed EV (electric Vehicle) chargers on campus and uses EV cars ? Smartboards have reduced the chalk dust ? The institute uses solar power. ? Faculty encourages students to incorporate the PO7 Environment in their academicendeavors for choosing up 'environment-friendly' topics for mini-projects and quizzes. ? Student groups have also received awards for their projects on 'Sustainability' at localheld 'Conventions on Sustainability'

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1.To become a part of Xavier University to deliver quality education. 2.To get NBA accreditation with a high score for the remaining programmes and to get ranked in NIRF. 3.To increase the strength of Computer Engineering department for undergraduate degree from 90 to intake to 120 intake 4.To start new courses like Computer Science and Engineering (Data Science), Computer Science and Engineering (Artificial Intelligence & Machine Learning). 5.To improve institute-industry interaction by collaboration, industry visit, expert lectures, industry sponsored labs 6.To create a research environment and motivate faculty for quality paper publication, patents,sponsored research and consultancy. 7.To implement National Education Policy and Academic Bank of Credits from time to time as per guidelines issued by University of Mumbai. 8.To construct a new hostel building for girl students in the campus.