

Xavier Institute of Engineering
A Combination of Commitment, Conscience, Compassion, and Competence

Xavier Institute of Engineering (XIE) is one of 130 Universities / Colleges in the world and one of 84 colleges in India that is managed by the Jesuit Order. The most popular Jesuit Institutions in India are XLRI, Jamshedpur, Loyola College, Chennai, St. Joseph's College, Bangalore, St. Xavier University, Kolkatta, and Xavier University, Bhubaneshwar. It started off in the early 1930s on the premises of St Xavier's College, Mumbai, Fort, and when it soon began to burgeon it also demanded larger premises, and these were found in Mahim. It is now one of the three engineering colleges run by the Jesuits in India.

The original need was for an institution that could train radio communication officers for the shipping industry. The Jesuits decided to set up St Xavier's Technical Institute (SXTI), a polytechnic that would serve the maritime interests. With the rapid development of Information Technology, a further need was recognized for providing quality education in Computers and Electronics, and thus in 2005 a degree-level college, XIE, was set up alongside SXTI.

For over four hundred and fifty years the Jesuits have been in the field of education. In September 1540, their founder, Ignatius of Loyola, established the Society of Jesus in the Catholic Church to help persons live out their humane life. Because of his own studies in the University of Paris to obtain a Masters in Theology, he gauged that providing education was the best means to achieve that aim. Schools and universities were set up and, quite soon after his death, the Jesuits came to be referred to as the "School Masters of Europe." Already during his lifetime, starting with Francis Xavier, the Jesuits started to arrive in Asia, and almost immediately they set up schools and colleges, like St Paul's in Goa in 1542. XIE has drawn on the large Jesuit legacy to choose and plan its programmes of studies.

Jesuit education is geared for much more than the mere training of the mind. The heart must also be activated so that the individual person considers one's neighbour as one's own other self. Jesuit pedagogy begins with the premise that encountering reality in the world is less a threat and more of an opportunity to realize a person's true potential. At the end of studies in a Jesuit institution, it is hoped that Jesuit mentoring has developed a person's critical awareness that will keep one from being credulous, superstitious, fundamentalist, or obscurantist.

XIE has a programme that offers personal care to every student, and fosters a holistic formation. The students appreciate the one-on-one chats with their mentors (ombudsman and the staff). The students are able to approach the staff, apprise them of their difficulties, and even find the staff willing to organize extra classes for special needs. Classrooms are planned to contain no more than 60 students and the staff-student ratio is 1:15. The laboratories have state of the art equipment. The ambience of the classrooms, and the opportunities for developing interpersonal and employment skills, contribute to the special package of benefits for students. The lifestyle of the staff invites unconscious imitation by the students.

XIE is affiliated to Mumbai University and follows its syllabus and examination system. While competent staff guarantees training of a high order, the management keeps in mind the changing needs of industry. Various courses have been added on over the years: programming skills in Python, Embedded systems, Internet of Things, Machine Learning,

Deep Learning and Artificial Intelligence. These courses and the talents of XIE students have caught the attention of major industries and corporations: Reliance JIO, L&T Infotech, Capgemini, Infosys, Tata Consultancy Services, Mahindra Tech and NSEIT. There are about 57 companies coming into our campus to recruit our students. Our own alumni own companies like E-nexus, GDIZ, Oreon Web Solutions, Scintillate, Bite Group, SS Enterprises, Qubelinks, Tejash Cyber Solutions, etc.

The creative potential of XIE students as well as their commitment to the health care of Mumbai's public have seen innovations in hospitals. Holy Family Hospital in Bandra invited XIE to equip it with the necessary software for the efficient running of their medical facilities. XIE provided iTVgoggles for the Advanced Centre for Treatment, Research and Education in Cancer (ACTREC) situated in Kharghar, Navi Mumbai. With these iTVgoggles, patients can now read their breathing levels while undergoing radiation therapy. The benefits to the medical profession from their activities have been large, but they have been larger for the students themselves because of their now great urge to extend help to disadvantaged persons. Groups of students go to the rural areas on a regular basis to share the skills they have learnt in XIE with children in village boarding establishments, or with those undergoing professional training.

In order to bring out the students' talents, XIE organizes 3 festivals: Transmission for technical, Spandan for cultural and SparX for Sports. These festivals are both intra and inter-College ones. There is a playground for those who wish to prepare themselves for state-level competitions. Apart from this we host TEDx talks and Mock MUN.

XIE provides an up-to date library, entrepreneurial cells, an incubation centre, and spacious classrooms. It encourages outside professionals to conduct special courses, and often invites its past students, who have done well for themselves, to share their expertise with the staff and students. One of the newest ventures of XIE is the setting up of an Interfaith Group that will organize celebrations during religious festivals.

Future plans include starting an M.E. programme in Computers, Electronics & Telecommunications and BE in Automobile Engineering. A start-up company that aims to change diesel vehicles into semi and fully electrically-driven ones has asked for XIE's collaboration and, of course, such a collaboration brings along with it opportunities for placements and for training personnel.

XIE continues to be inspired by its motto: "to attain the joy of excellence in the world of high technology"—always remembering that service of one's neighbour is a greater service to one's own self.

Major Achievements:

1. XIE was the first one to bring out a DVD called LAMP+ containing all the Engineering software pertaining to the Computer and IT syllabi of Mumbai University, and distributed to all the engineering colleges in Mumbai City in 2009.
2. XIE provided iTVgoggles for the Advanced Centre for Treatment, Research and Education in Cancer (ACTREC) situated in Kharghar, Navi Mumbai. With these iTVgoggles, patients can now read their breathing levels while undergoing radiation therapy. ACTREC is the only cancer center to have the iTVgoggles in India.

3. Our students designed all time terrain vehicle driven by batteries and some automobile companies are interested in using this technology.
4. A group of XIE students have designed and developed a self-driving trolley and they have won the RULA International Award 2018 for this innovative and creative trolley.
5. At least 7 of our Alumni have started their own companies and hiring engineering students.

Times of India Ratings:

1. Times Engineering ranked XIE amongst the top 30 Engineering colleges [the 30 include 10 IIT's and 7 NIT's] in the country (about 3800 colleges) with high "PERCEPTUAL SCORE" (Date May 21st 2018)
2. XIE was ranked 3rd among all the private engineering colleges in Mumbai and rank 48 in India (out of over 3000 private engineering colleges) by The Times of India and i3 Research Consultants (published on 16th June 2015)
3. XIE was ranked 5th among all the private engineering colleges in Mumbai and rank 48 in India (out of over 3000 private engineering colleges) by The Times of India and i3 Research Consultants (published on 16th June 2013)

No. and names of the Companies that visited the campus for placement

SR. NO.	NAME OF COMPANIES VISIT XIE
1	ACCENTURE
2	ALPHA PLUS
3	BNP
4	CAP GEMINI
5	DIRECT I
6	ENDURANCE
7	HEXAWARE
8	I GATE - PATNI
9	INDIAN NAVY
10	INFOSYS
11	L & T
12	NSE IT
13	ORACLE
14	QUINNOX
15	RELIANCE JIO
16	TCS
17	TECH MAHINDRA
18	VISTAAR
19	ZYCUS
20	ACROTREND
21	ADOP
22	AMAZON
23	ATIDEN TECHNOLOGIES PVT LTD
24	ATOS
25	BITWISE

26	BITWISE
27	BNED LOUD CLOUD
28	BOARD INFINITY
29	BOOK MY SHOW
30	BOSCH
31	BYZUSE
32	CAPIVITA
33	CLOVER INFOTECH
34	ECLERX
35	ECLINICAL WORKS
36	ENVESTNET YODLEE
37	FISERV
38	MEDIADOTNET
39	MOUTHSHUT.COM
40	NEO TECHNOLOGIES
41	NETWORK 18
42	NUCSOFT TECHNOLOGY
43	PAPPER FRY
44	PARAMATRIX TECHNOLOGIES
45	PERSISTENT
46	QAD
47	QSPIDER
48	RAVE TECHNOLOGIES
49	RAVI RAJU TECHNOLOGIES
50	SAMSUNG
51	SECLORE
52	SYNTEL
53	THIRDWARE
54	TOPPR.COM
55	V SOLUTION
56	XORIAN
57	ZEUS LEARNING