

XAVIER INSTITUTE OF ENGINEERING

BY THE DEPARTMENT OF
COMPUTER ENGINEERING

VISION

- To nurture the joy of excellence in the world of Computer Engineering.

MISSION

- To provide students the knowledge of computer engineering with related technical skills to solve various computer engineering problems and to have industry interaction.
- To motivate the students to acquire additional soft skills to sharpen their technical and professional skills that make them employable.
- To nurture social and professional ethics in our undergraduates and encourage them to have lifelong learning.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- Graduates will have the required knowledge of computer engineering, to design and develop systems that can cater to a multi-disciplinary environment.
- Graduates will be able to apply the art of self-learning to use the modern tools in solving computer engineering problems.
- Graduates will be prepared in the field of computer engineering to have lifelong-learning in the global and ethic context.
- Graduates will be able to inculcate professional and ethical attitude with good leadership qualities and have commitment to social responsibilities in their thought process.

PROGRAM SPECIFIC OBJECTIVES (PSOs)

- The ability to understand, analyze and apply knowledge to address computing problems.
- The ability to design and implement software solutions to meet the end users requirements.

PROGRAM OUTCOMES (POs)

- Engineering knowledge: To apply the knowledge of mathematics and engineering fundamentals along with Computer science and physical sciences for the solution of complex engineering problems.
- Problem analysis: To identify, formulate, and analyze complex engineering problems to provide suitable solutions by applying knowledge acquired in computer engineering.
- Design/development of solutions: To design cost effective software or hardware solutions to meet needs of customers.
- Conduct investigations of complex problems: To use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions in the field of computer engineering.
- Modern tool usage: To create, select, and apply appropriate techniques, resources, and modern computer science and engineering tools, including prediction and modelling to complex engineering activities, with an understanding of the limitations.
- The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

- Environment and sustainability: To understand the impact of the professional engineering solutions to preserve the environment and the concern of sustainability.
- Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- Communication: Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- Life-long learning: Recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

ABOUT THE DEPARTMENT

The Department of Computer Engineering was established in the year 2005 and it offers B.E in Computer Engineering which is affiliated with the University of Mumbai. The course is taught by highly qualified and experienced faculty with specialization in Data Mining, Image Processing, Software Engineering, Natural language processing, Web Technology, Cloud computing, Network Technology and Distributed Computing are working in the department. The students are given exposure to the latest trends in technology including Human Machine Interaction, Machine Learning, Big Data Analytics, Image Processing, Cloud Computing, Soft Computing, etc. through lectures, workshops and seminars. The department offers many value-added educational programs and Certification programs to the students including SAP, Microsoft Certification, etc. It also has well-equipped computer laboratories with state-of-the-art facilities to provide opportunities for innovations. It offers close interaction with various leading industries and educational institutions. Many of our students got placed in Quantiphi, Tech Mahindra, Infosys, Accenture, Xoriant, Capgemini, L&T, Tagd, Neosoft, Reliance Jio, Wipro, etc.



**SHREYA
MALVANKAR**

**EDITOR & GRAPHIC
DESIGNER**

NIJEL SHOBY
EDITOR



**SHANTANU
SHINDE**

GRAPHIC DESIGNER

DIRECTOR'S MESSAGE

**FR. DR. JOHN ROSE S.J.
DIRECTOR**



Xavier Institute of Engineering is committed and dedicated to achieving supremacy in technical education and assesses the success and leadership of its programs using the highest standards of quality, innovation, and visibility. The goal is for students, faculty and industries, to achieve peaks in every discipline of engineering, global captaincy in human development and proficiency in education. Our objectives of imparting professional education, combined with fostering innovative thinking, application of knowledge, inculcating professional ethics, and consciousness to social reliability, are being met at XIE in an integrated form.

We wish to encourage and promote various activities to integrate with the teaching-learning process. We believe in lifelong teaching and learning leading to the benefits of society. I am confident that with the concerted efforts of team XIE, the group will scale up to greater heights of excellence in the years to come. XIE plays a vital role in producing world-class engineers, professionals required to meet the demands of the fast-changing worldwide society.

DIRECTOR'S MESSAGE

Our vision is influencing society through globally competent technologists with the primary objective to provide a quality education through long term value creation offered by the Jesuit group.

We are also dedicated to ensuring quality and our programs are NAAC accredited apart from curriculum-based studies, the emphasis is made on the promotion of innovative-driven projects, interaction with industries, soft skill & personality development, co-curricular and extra-curricular activities. Our core values are knowledge, character, brilliance, integrity, transparency, quality, teamwork, execution with passion, trust, continuous and student-centric learning are all closely integrated into our academic programs. We have over 1800 Alumni who occupy coveted positions both in India and abroad and are a source of pride and inspiration to us. Being a leader in the industry is our common goal. We plan to expand existing programs & promote industry-relevant projects to raise the overall standards as well as to bridge the gap between academics & industry requirements. With excellence in education, we aim to extend the visibility of the Jesuit group. I would like to express my heartfelt congratulations to the computer department and the entire team for rendering this year's computer department newsletter. I also request every student to take part in every opportunity that the college provides to soar great heights.

PRINCIPAL'S MESSAGE

DR. Y.D. VENKATESH

My heartiest congratulations to the Department of Computer Engineering and their team on putting up with this year's rendition of the departmental newsletter. XIE stands for excellence, perfection, and discipline and as a Jesuit institution the major focus and concern are on the development of our student's all-round performance. Our institution strives to support and impart the best possible knowledge with the latest available technology that helps in promoting to pursue student's education in a disciplined manner that allows them to climb the ladder of success.

A vision without an action is just a dream, and an action without vision is a waste of time, but vision with action changes everyone's life. The department of Computer Engineering has a vision to develop a knowledge based society with clarity in thought and move towards an edge of excellence with the endowment of teaching and learning process.



PRINCIPAL'S MESSAGE

The focus is on imparting holistic education, with a view to develop a community of scholars who acquire talent and expertise that will culminate into engineering excellence. They in turn shall support in the national development with a culture applicable and acceptable to all, through their intellectual inputs and transformational activities. For India to move forward and provide realizable goals for all its people, much shall depend on the number and quality of its engineers. And an engineer being a Xavierite can have no other motivation for this profession other than the quality of his work and the good of all his fellow citizens. The training and learning process is centred on an experimental self-discovering process to embolden the students who can accept responsibility, take charge and act rightly, effectively at the right time.

The department of 'Computer Engineering' provides ample opportunity and scope for everyone to participate in every cocurricular and extracurricular activities of XIE, wherein the students can showcase their talents. Finally, I wish for all my students to come forward, learn, serve and excel in this world with great strength, not only in the field of your professional work but also help, cherish and remain beautiful and fruitful human beings in the society and the world.

HOD'S MESSAGE

DR. KUNAL MEHER

Dear Xavierites,
Greetings from the Computer Department. It gives me immense pleasure to lead the Department of Computer Engineering at XIE. Being a Jesuit institution, the primary focus of the department is to empower our students with overall development.



I take the privilege of expressing joy in launching the fourth edition of our departmental newsletter – Bits'n'Bytes , the best medium to share departmental progress. Bits'n'Bytes showcases the journey of the department through glimpses of events and activities organized, alongside the various achievements and accomplishments of the students and faculties. With the support of our dedicated faculty members who have always nurtured the students with multidimensional skill-sets through innovative pedagogy and industry academic interaction, our department will continue its focus on making proficient engineers who are also socially conscious and responsible citizens.

On behalf of the department, I thank each member of the XIE family for all the inspiration and support in every endeavor. I am also thankful to Ms. Beatrice S and the editors for their efforts in the timely publication of this newsletter.

FACULTY EDITOR'S MESSAGE

S. BEATRICE

WAY TO BE SUCCESSFUL!!!!

My definition of success is achieving personal goals, whatever they may be. Some goals are considered small by some people and enormous by others. Here I would like to share what makes you successful in life? What are the keys to success? What is the secret of success?

Now what makes you successful in life is to keep on trying as it plays a vital role in being successful in life. Even when things seem impossible, focus on ways that can develop your skills. One of the key habits of successful people is to always look back at failures as learning opportunities.

The keys to success are determination, skill, passion, discipline, and luck. What is the secret of success? Letting go of all the things that are holding you back, like procrastination, negativity, and fears of failure, Build a growth mindset by believing in your efforts. Always be ready to learn new skills.



FACULTY EDITOR'S MESSAGE

View failures as learning experiences. Improve your emotional intelligence. Pay attention to your own emotions and learn to manage them. Finally, listen to others. Develop mental toughness, which refers to the resilience to carry on and continue trying even in the face of obstacles.

Believe in yourself, keep trying, set goals, and strengthen your willpower. Friends, last but not least, I would like to tell you some secret C tips for success. Conscientiousness, consequences of action, Considering other people's perspectives, Capable of adjustment, courageous, curious, and competitive.

Success is about being happy with an outcome and doing something correctly. For me, after joining XIE, I feel that I accomplished something and I succeeded a lot being in XIE. XIE has shown me the path to success.

"Repetition makes reputation. And "There is no substitute for attentive repetition." So, let's embrace repetition to attain excellence

TOPPERS LIST (odd semester)

FOURTH YEAR

Position	Name	CGPA
1	Kulkarni Divya	9.59
2	Macwan Michella	9.45
3	Patil Chinmayee	9.32

THIRD YEAR

Position	Name	CGPA
1	Agarwal Vansh Aanchal	9.87
2	Gupta Yashika Kamlesh Sujata	9.74
	Joseph Rickin Sibi Hema	
3	Goswami Shivam Pr Sunita	9.61

SECOND YEAR

Position	Name	CGPA
1	Mishra Nilesh Awdheshkumar	9.52
2	Bandal Siddharth Dattatray	9.48
	Pon Adityan Jeyamurugan	
3	Patel Aditya Akhilesh	9.35

SUBJECT TOPPERS (odd semester)

FOURTH YEAR

Sr. No	Subject	Name	Marks (Out of 100)
1	Machine Learning	Kulkarni Divya	91
2	Big Data & Analytics	Patil Chinmayee	87
3	Natural Language Processing	Kulkarni Divya	81
4	Block Chain	Kulkarni Divya	83
5	Management Information System	Patil Chinmayee	90
6	Cyber Security & Law	Varghese Binil Aby	78
7	Disaster Management & Mitigation Measures	Yadav Chhaya Santaram	73

THIRD YEAR

Sr. No	Subject	Name	Marks (Out of 100)
1	Software Engineering	Agarwal Vansh Aanchal	87
		Deshpande Siya Ashish Shefali	
		Khot Amisha Satish Priyanka	
2	Datawarehousing and Mining	Agarwal Vansh Aanchal	92
3	Computer Network	Agarwal Vansh Aanchal	85
4	Theoretical Computer Science	Goswami Shivam Pr Sunita	95
5	Internet Programming	Bankoti Aman Ghanshyam Sarita	86

SECOND YEAR

Sr. No	Subject	Name	Marks (Out of 100)
1	Engineering Mathematics - III	Mishra Nilesh Awdheshkumar	94
2	Discrete Structures & Graph Theory	Pon Adityan Jeyamurugan	86
3	Data Structure	Pon Adityan Jeyamurugan	90
4	Digital Logic & Computer Organization and Architecture	Bandal Siddharth Dattatray	89
5	Computer Graphics	Mishra Nilesh Awdheshkumar	92

STUDENT ACHIEVEMENTS

(EXTRA & CO-CURRICULUM)

FOURTH YEAR

Sr. No	Name	Event Name	Organization Conducting Event	Prize
1	Christel Mendon	World CSR Congress Category: Paper Presentation Contest- Theme-Save the World: Climate Action and Sustainability	World CSR congress	1st
2	Nimren Naiju			
3	Darren Edelbert			
4	Rushil Shekhar			
5	Sushree Nadiminty		World CSR congress	3rd
6	Melita Lewis			
7	Angelica Sebastian			
8	Shaun Noronha			
9	Monika Anabathula	CodeJam	Rizvi College of Engineering	1st
10	Monika Anabathula	All in	SPIT	2nd

THIRD YEAR

Sr. No	Name	Event Name	Organization Conducting Event	Prize
1	Yulette Alvares	Innotech Project Competition	XIE, IET	1st
2	Vansh Agarwal			
3	Jovian Dsouza			
4	Cyril Dsilva			
5	Rohit Prasad	Model United Nations' (MUN)	N.M. College	3rd
6	Asad Shaikh	Cloud Computing Certification	Swayam NPTEL	Elite+Silver

SECOND YEAR

Sr. No	Name	Event Name	Organization Conducting Event	Prize
1	Antara Kolhatkar	Champion of the Year Award	IET	-
2	Antara Kolhatkar	District Level Intercollegiate Competition on Poster Making	Nss Unit of Siddharth College	2nd
3	Atharva Gaikwad	Innotech project competition	XIE, IET	2nd
4	Siddharth Bandal			
5	Chirag Jawale			
6	Manthan Parmar			

- The students from the SE Comps: Shreya Malvankar, Shantanu Shinde, Aditya Akhilesh Patel, Antara Kolhatkar, Atharva Ghodke, Neil Umbarkar, Siddharth Bandal, Alicia Dsouza, Novi Andrades, Anujeet Kunturkar, Nilesh Mishra, Aakash Patil, Erica Dcruz, Ashiv Prajapati, Pon Adityan Jeyamurugan, Macwin Aranha, Mohammed Arbaaz Shaikh and Atharva Gaikwad have successfully completed the NPTEL Python for Data Science Certification which was conducted in March'23 by NPTEL (National Programme on Technology Enhanced Learning) to evaluate the knowledge and understanding of participants who have enrolled in their online courses.
- All students from the SE Comps have successfully completed the SQL(Basic) Certification which was conducted by HackerRank on their platform

WDC WINNERS

Joan & Frank Trocki
Best XIE
Girl Student of the Year

Lysandra D'souza
(BE COMPS)



Joan & Frank Trocki
Women of Intelligence Award

Divya Kulkarni
(BE COMPS)



Joan & Frank Trocki
Women of Creativity Award

Rachael Manjaly
(BE COMPS)



SPARX WINNERS

FOURTH YEAR

Sr. No	Event Name	Name	Place
1	Basketball (Boys)	BE COMPS	3rd

THIRD YEAR

Sr. No	Event Name	Name	Place
1	Carrom (Boys)	Anirudha Sawant	1st
2	Carrom (Girls)	Leanne Dharmai	
3	Shot Put (Boys)	Chris George	2nd
4	Shot Put (Girls)	Clarice D'souza	3rd
5	Table Tennis (Girls)	Leanne Dharmai	3rd
6	Volleyball (Girls)	TE COMPS	2nd
7	Rink Football (Girls)	TE COMPS	3rd

SECOND YEAR

Sr. No	Event Name	Name	Place
1	Open Football (Boys)	SE COMPS	1st
2	Chess (Everyone)	Atharva Ghodke	1st
3	Carrom Doubles (Everyone)	Anas and Aftab	1st
4	Table Tennis (Boys)	Atharva Ghodke	2nd
5		Sam Saji	3rd
6	Arm Wrestling (Girls)	Pooja Raut	3rd

SPARX'S POINT TABLE(2022-23)

Postion	Class
2nd	SE COMPS
4th	TE COMPS
6th	BE COMPS

SPANDAN WINNERS

FOURTH YEAR

Sr. No	Event Name	Name	Place
1	Solo Singing	Christel Mendon	1st
2	Series / Movies Trivia	Christel Mendon	1st
3		Chinmayee Patil	
4	Tribal Stamp	Monika Anabathula	2nd
5	Poetry	Lysandra D'Souza	1st
6	Scavenger Hunt	Monika Anabathula	1st
7		Supriya Mohite	
8	Relay Tic Tac Toe	Gautam Gupta	1st
9		Nimran Naiju	
10		Christel Mendon	
11	Battle Of Bands	Pratham Vichare	1st

THIRD YEAR

Sr. No	Event Name	Name	Place
1	Stains Of Time	Yulette Alvares	2nd
2	Comic Writing	Amisha Narvekar	1st
3	Series / Movies Trivia	Sharon Sebastian	2nd
4		Siya Deshpande	
5		Aaron Reji	

6	Debate	Amisha Narvekar	1st
7		Rohit Prasad	
8		Sharon Sebastian	2nd
9	Siya Dedhpande		
10	Relay Tic Tac Toe	Florine Lobo	3rd
11		Aman Bankoti	
12		Amit Chavan	
13	Red Light Green Light	Amit Chavan	1st

SECOND YEAR

Sr. No	Event Name	Name	Place
1	Sketch And Strokes	Antara Kolhatkar	1st
2		Sharon Gasper	2nd
3		Shantanu Shinde	3rd
4	Exchange Your Art	Antara Kolhatkar	1st
5		Shantanu Shinde	
6	Red Light Green Light	Siddharth Bandal	2nd
7	Solo Singing	Rickson Castelino	2nd
8	Instrumental Music	Rickson Castelino	1st
9	Battle Of Bands	Sam Saji	2nd
10		Aakash Patil	
11		Aryan Gonsalves	

TRANSMISSION WINNERS

FOURTH YEAR

Sr. No	Event Name	Name	Place
1	Capture The Flag	Monika Anabathula	1st
2	Blind Coding	Monika Anabathula	2nd
3	Maker's Den	Monika Anabathula	3rd
4	Group Discussion	Sean Pereira	1st
5	Shark Tank	Sean Pereira	3rd

THIRD YEAR

Sr. No	Event Name	Name	Place
1	Shark Tank	Rohit Prasad	2nd
2	Group Discussion	Rohit Prasad	2nd
3	Maker's Den	Vishal Mamluskar	1st
4		Asad Shaikh	
5	Capture The Flag	Vishal Mamluskar	3rd
6		Asad Shaikh	
7		Allen Lopes	

SECOND YEAR

Sr. No	Event Name	Name	Place
1	UI/UX Design	Nijel Shoby	1st
2		Melvin Varghees	2nd
3	Master Decoder	Aditya Patel	1st
4	Maker's Den	Mervis Mascarenhas	2nd
5		Nilesh Mishra	
6		Anujeet Kunturkar	
7		Arzish Manckji	
8	Rapid Coding	Anush Kadam	3rd

MESSAGE FROM GENERAL SECRETARY

SHAUN MASCARENHAS

"Leadership is not a destination, but a journey. It's about learning and growing every day."

I am humbled to have been selected as the General Secretary for this academic year. I consider myself a leader who guides the council to achieve excellence for our college. My primary objective is to ensure a high level of coordination among students and faculty. As the intermediary between the two groups, I convey students' messages to the faculty and listen to the students' needs to assist them in realizing their goals.

Being the General Secretary involves several responsibilities, including interacting with people and organizing events. However, it is crucial to maintain a healthy balance between work and personal life to avoid burnout and ensure academic success. Prior to accepting this position, I carefully considered how to manage my various day-to-day activities and establish a balance between them. Thanks to my strong and innovative council team, balancing my work and personal life has been a straightforward task.



MESSAGE FROM CULTURAL SECRETARY

SHREYA WADKAR

This past year has been a whirlwind of experiences, especially considering it was the first year of events following the pandemic. The task of organizing offline events without prior knowledge of event management was challenging, yet it presented a rare opportunity for me and my team to showcase our best qualities. Cultural events have always been a passion of mine, so when I was given the chance to be involved, I was thrilled to unleash my creativity.

This role allowed me to gain insight into how different administrative sections collaborate to make events successful. Xie, the college, provided numerous avenues for organizing various cultural events. As the Cultural Secretary, I assumed complete responsibility for these events. It was during this time that I realized the impact our actions can have on our lives. This position helped me prioritize my work, enhance my persuasive abilities, refine my teamwork and time management skills. Additionally, I learned how to support other secretaries and be a valuable team player.

The highlight of my experience was Spandan, the annual fest of Xie. It was a rollercoaster ride filled with challenges, creativity, astonishment, and gratitude. Each member of my team worked diligently and together we successfully executed a fantastic series of events. Interacting with numerous individuals throughout this journey was invaluable, as building relationships is incredibly rewarding. Serving as the Cultural Secretary was truly a surreal and fulfilling experience.

Top of Form



MESSAGE FROM JOINT SPORTS SECRETARY

CHRIS GEORGE

"All work and no play makes
jack a dull boy"



As the Joint Sports Secretary of Xavier's institute of engineering, I am proud to say that our college has a long-standing tradition of promoting and encouraging sportsmanship and physical fitness among our students.

We believe that sports not only help in keeping our body healthy and active but also teach us valuable life skills such as teamwork, perseverance, and discipline. That is why we have a range of sports facilities in our college, including a massive turf to play all sports, basketball court and indoor games facilities. SPARX 2023 is all about teamwork and determination. It has brought everyone together after their frustrating exams to play with each other and enjoy.

I would like to thank the staff and students and especially my sports admins who have really worked hard to make SPARX a great success. At our college, we also encourage students who may not have prior experience in sports to take part in various events and competitions. We firmly believe that everyone has the potential to excel in sports if they are provided with the right guidance and support.

So, let us all come together and make the most of the sports facilities and opportunities provided by our college. Let us strive to be the best version of ourselves, both in academics and sports.

MESSAGE FROM ASST. TECHNICAL SECRETARY

MERVIS MASCARENHAS

The shift from offline mode to online was not a cup of tea for most of us, especially me. The change in environment, social life, daily routine, and time management were the points I was trying to master. During this part of my life, I had another responsibility I had taken up. I was the Assistant Technical Secretary 2022-23. Being the ATS was like a dream come true. I love working with groups and learning from others. I had the best team I could have ever asked for. Working in a group gave me a sense of understanding people well. Most importantly, it taught me how to communicate efficiently with other group members. As it is rightly said, "The strength of the team is each, individual member. The strength of each member is the team." - Phil Jackson The team transmission was like a puzzle where each team member was like a piece of the puzzle, unique.

Overall, the entire experience taught me many things. Time management was an important chapter of this learning and experience. I learned how to manage my time for studies, sports, and extracurricular activities. Socializing and making new friends became easy. Learning how to interact with people and communicate formally / informally helped to build my communication skills. Through the journey, I picked up a new skill called conflict resolution. Teamwork often involves diverse individuals with varying opinions, which can lead to conflicts. However, these conflicts can be valuable learning opportunities. I learned how to address conflicts constructively, listen to different viewpoints, find common ground, and reach compromises that benefit the team. Being the Assistant technical secretary is a golden memory I will cherish throughout my life. I would also like to thank the faculty for giving me this opportunity. Special thanks to team transmission for this memorial experience and making transmission 2023 a great success.



MESSAGE FROM ASST. SPORTS SECRETARY

ATHARVA GHODKE

"With Great powers come Great responsibilities"



As an assistant sports secretary, my role is multifaceted and integral to the successful functioning of the sports department. I take pride in providing administrative support, organizing events, and promoting a strong sports culture within our institution. Event planning and coordination are also key aspects of my role. I thoroughly enjoy the process of organizing tournaments, matches, and other sporting events. Collaborating with teams, officials, and venue managers to ensure seamless logistics is a challenge that I gladly embrace.

Communication and liaison play a significant part in my daily responsibilities. I strive to maintain clear and open lines of communication, disseminating important information and addressing concerns promptly. Lastly, promoting a vibrant sports culture is at the heart of my role. I firmly believe in the power of sports to inspire, unite, and develop individuals.

I would like to end with a quote of mine "It's not a GG until it is" , meaning the game isn't over until it is and keep fighting.

Yours truly ,
Atharva Ghodke, SE Comps.

MESSAGE FROM CONNEXIEON'S EDITOR IN CHIEF & TEDX ORGANIZER

SHARON SEBASTIAN

Being the Editor-in-Chief of ConneXIEon 2023 and the Organizer of TEDxXIE 2023 has been an extraordinary journey of leadership and creativity. Through the pages of ConneXIEon, we aimed to capture the enchanting moments from our past, bringing to life the long-forgotten tales and celebrating the achievements of our college. It was a testament to the belief that understanding our history guides us as a beacon-light in our present-day journey. With the theme 'Enchanting Chronicles,' we curated a melange of marvels and wonders, transcending the limits of narrating the world as disenchanted. The process of creating the magazine, with the support of an amazing team, has been exhilarating, culminating in a truly enchanting and magical publication. Simultaneously, as the Organizer of TEDxXIE 2023, we unraveled the intricacies of human existence through inspiring speakers and ideas. Under the theme 'Horizon,' we aimed to showcase the beauty and complexity of life. With the dedication and hard work of an exceptional team, we organized an unforgettable event that connected minds and ignited inspiration. These two experiences have shaped me as a leader, teaching me the importance of communication, trust, and integrity, while allowing me to transform visions into reality.



MESSAGE FROM NSS LEADER & TEDx CO-ORGANIZER

ROHIT PRASAD

Dear TEDxXIE Team and NSS Volunteers,

I am writing this message to convey my sincere gratitude for the amazing opportunities I have had to co-organize TEDxXIE and serve as the NSS leader.

Working with both teams has been an extraordinary journey, and I am immensely proud of all that we have accomplished together. As a co-organizer of TEDxXIE, I have gained invaluable experience in event organization, effective communication, and collaborating with diverse perspectives. The commitment and passion of the TEDxXIE speakers have inspired me, broadening my knowledge across various fields. I have also learned to navigate unforeseen challenges with creativity and adaptability.

Similarly, leading the NSS unit has been a transformative experience. Working alongside a dedicated group of volunteers, I have learned essential management skills, fostered teamwork, and embraced the power of community service. The unwavering dedication of the NSS volunteers has been truly inspiring, as we have positively impacted the lives of many through our projects.

Both experiences have instilled in me a sense of fulfillment and purpose. Whether it is spreading significant ideas through TEDxXIE or working towards social empowerment through NSS, I am grateful for the chance to make a difference. I would like to express my deepest appreciation to both teams for entrusting me with these leadership roles and NSS team for breaking the university record for the most blood units collected in a day, a very memorable moment to be remembered. The memories, knowledge, and cherished moments will forever hold a special place in my heart.



NSS VOLUNTEERS

NAME	YEAR
DESHMUKH ADIT	TE
GEORGE CHRIS	TE
GUPTA YASHIKA	TE
JOSEPH BOBBY	TE
MASCARENHAS MERISA	TE
MASCARENHAS SHAUN	TE
PRASAD ROHIT	TE
SEBASTIAN SHARON	TE
SHARMA CHINMAAY	TE
WADKAR SHREYA	TE
NIJEL SHOBY	SE
PON ADITYAN JEYAMURUGAN	SE
ARANHA MACWIN	SE
BANDAL SIDDHARTH	SE
CASTELINO RICKSON	SE
CHAVAN DHIKSHA	SE
DHANAWADE MANAS	SE
FERNANDES ALITA	SE
GAIKWAD ATHARVA	SE
GHODKE ATHARVA	SE
GONSALVES ARYAN	SE
JOSHI VAISHNAVI	SE
KADAM ANUSH	SE
KOLHATKAR ANTARA	SE
KUNTURKAR ANUJEET	SE
MALVANKAR SHREYA	SE
MASCARENHAS MERVIS	SE
PARMAR MANTHAN	SE
PEREIRA ANSWEETA	SE
PRAJAPATI ASHIV	SE
RAUT POOJA	SE
RAYAN CHRIS	SE
SHINDE SHANTANU	SE
SWAMY ALLEN	SE
TIWARI SIMRAN	SE

MESSAGE FROM TEDX CO-ORGANIZER

TAHESSEN



TEDxXIE, one of the most esteemed events at XIE, proved to be an incredible opportunity for personal growth and development this year. As a co-organizer, I had the privilege of being part of a team that orchestrated a truly remarkable experience.

The event marked a significant milestone as it was the first offline TEDxXIE gathering in two years, following a period of virtual presentations. Our responsibility was to reignite the excitement and we rose to the challenge with resounding success.

Under the theme "Horizon: Unraveling the Intricacies," this year's TEDxXIE held a special place in my heart. It symbolized the convergence of two realms—the receptive minds eager for new ideas and the boundless ocean of knowledge that filled the room, exuding intellect and inspiration.

Initially, the task of organizing such a monumental event while juggling academic commitments seemed daunting. However, this experience brought forth a profound revelation—the power of teamwork and the limitless capacity of drive and passion. With unwavering dedication, my team and I delivered TEDxXIE 2023, leaving the audience in awe and instilling a deep sense of satisfaction within the entire team. We truly delivered ideas worth spreading.

One of the most rewarding aspects of being an organizer was the opportunity to interact with a diverse array of speakers. From inviting them (which wouldn't have been possible without our exceptional Curation Team) to curating their talks and witnessing the transformation of ideas on the stage, every moment was filled with inspiration.

As a co-organizer, my responsibilities extended to overseeing the work of all the teams. Nothing brought me greater joy than guiding and supporting my juniors and managing unforeseen challenges that cropped up at the last minute.

I want to express my heartfelt appreciation to the heads of teams and their dedicated volunteers who played an integral role in making TEDxXIE 2023 a triumph. Lastly, I am immensely grateful for the guidance and mentorship provided by Prof. Suvarna Arango, who served as a beacon of light throughout this incredible journey.

INDUSTRIAL VISITS

FOURTH YEAR

Date: 19th May, 2023

Place: Adani Thermal Power Station, Dahanu

THIRD YEAR

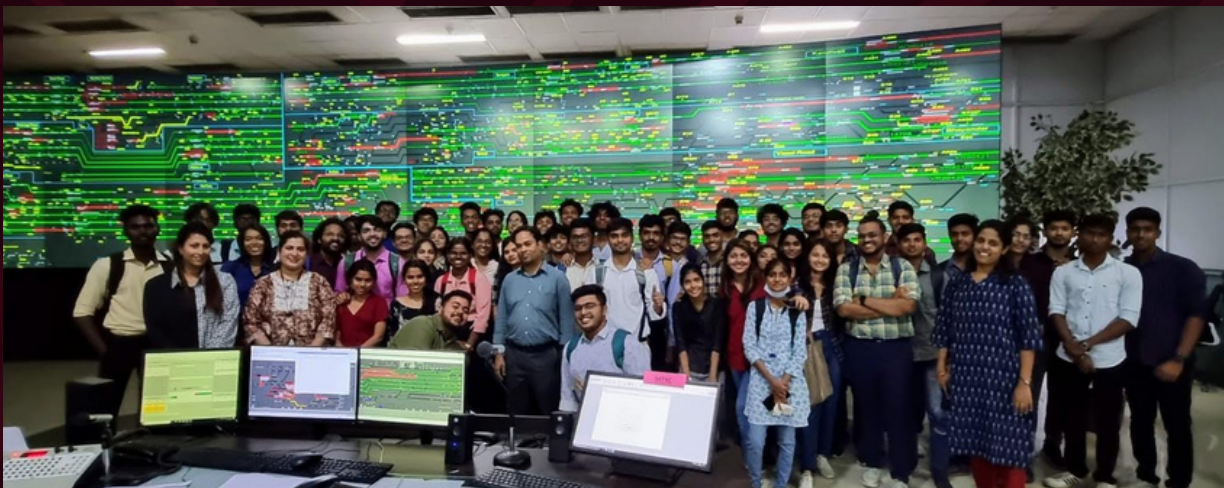
Date: 1st Mar, 2023

Place: Train Management System, Western Railway,
Mumbai Central


SECOND YEAR

Date: 5th Apr, 2023



Place: Sewage Water Treatment Plant, Nerul, Navi-Mumbai








PLACEMENTS

Sr. No.	Name	Company	Package Offered (in LPA)
1	Aanshi Singh		8.5
2	Divya Kulkarni		
3	Leron Patel		
4	Lysandra D'Souza		
5	Sayed Ubaidur Rehman		
6	Uzma Kapadia		
7	Philip Mathew		
8	Shubham Karande		
9	Chirag Pagaria		
10	Darren Edelbert		
11	Chinmayee Patil		
12	Chirstel Mendon		





PLACEMENTS

Sr. No.	Name	Company	Package Offered (in LPA)
13	Monika Anabathula	 <p>quantiphi Solving What Matters</p>	8.5
14	Monika Anabathula		
15	Sushree Nadiminity		
16	Lysandra D'Souza		
17	Aman Tiwari		
18	Angelica Sebastian		
19	Gautam Gupta		7
20	Kalpana Pandey		6
21	Michelle Macwan		6
22	Aashutosh Sinha		6
23	Sean Pereira		5
24	Nimren Najju		5

PLACEMENTS

Sr. No.	Name	Company	Package Offered (in LPA)		
25	Sarang Deodhar		6		
26	Sneha Suzan		5		
27	Supriya Mohite		5		
28	Athisaya Jonista		5		
29	Ryan Dass		5		
30	Gandharv More			12	
31	Monika Anabathula			3.25	
32	Shubham Karande				7
33	Divya Kulkarni				
34	Ayaan Shaikh				
35	Stephen Wallace				
36	Gandharv More				

PLACEMENTS

Sr. No.	Name	Company	Package Offered (in LPA)
37	Varun Sheth	 <p>intellect live your dream</p>	5
38	Aniruddha Khandekar		
39	Rahul Anandraj		
40	Allwyn Alex		
41	Chhaya Yadav		
42	Binil Warghese	 <p>teradata.</p>	6.4
43	Varun Sheth		
44	Clayton Mathias		
45	Varun Sheth	 <p>Lenden^{club} BY INNOFIN SOLUTIONS</p>	7
46	Aniruddha Khandekar		
		 <p>NeoSOFTTM TECHNOLOGIES</p>	3.6

PLACEMENTS

Sr. No.	Name	Company	Package Offered (in LPA)
47	Celestyn Kinny	 eClinicalWorks	4.5
48	Chinmay Kelkar		
49	Shanaya Pranaysingh Rajput	 RSM	3.5
50	Sharon Ganta		
51	Celestyn Kinny	 QUANTUM PHINANCE	6

INTERNSHIPS

	Name	Year & Sem	Department/ Designation	Organization	Duration	Date
1	Monika Anabathula	BE, Sem VII	ML trainee	Google ML Bootcamp	4 Months	14th Aug – 14th Dec 2022
2	Gandharv More	BE, Sem VIII	Front End Developer	Metaverse Ventures	6 Months	2nd Jan – 2nd July 2023
3	Gandharv More	BE, Sem VIII	SWE Intern	Focalworks Solutions Private Limited	4 Months	13th Mar – 31st July 2023
4	Yadnyt Londhe	BE, Sem VIII	Front end web developer	Hasen enterprises	3 Months	26th Dec 2022 - 26th Mar 2023
5	Danyl Fernandes	BE, Sem VIII	Frontend Engineer	Devfolio	18 Months	18th Oct 2021 – 30th April 2023
6	Mathew Philip	BE, Sem VIII	PostGRE, jQuery, Airtable and Google Analytics/Product/ Program Manager	Able Jobs	36 Months	15th Feb 2020 – 10th May 2023

INTERNSHIPS

	Name	Year & Sem	Department/ Designation	Organization	Duration	Date
7	Allen Lopes	TE, Sem V	Inventory Process Automation Project	Tata Communications Transformation Services Limited	18 Days	13th June – 30 June 2022
8	Allen Lopes	TE, Sem V	Web Developer Intern	Malsar	2 Months	01st Feb – 07th April 2023
9	Amisha Narvekar	TE, Sem VI	Lead Analyst	Growthingly	4 Months	10th Jan – 20th April 2023
10	Shivam Goswami	TE, Sem VI	Wordpress /content creation/ content creator	Bluesio	1 Month	01st – 30th April 2023
11	Sam Saji	SE, Sem IV	Machine Learning with Python	Intrainz	2 Months	01st Jan – 28th Feb 2023

FDP/STTP/WORKSHOPS ATTENDED BY FACULTY MEMBERS

Sr. No.	Faculty Members	Name(Workshops)
1	Mr. Vijay Jumb	AICTE Recognized Faculty Development Programme on MATLAB - Artificial Intelligence and Optimisation Techniques
2	Mr. Vijay Jumb	One Week Faculty Development Program on "Machine Learning - Basics to Advanced " Sponsored by IEEE Bombay Section
3	Mr. Vijay Jumb	One week Faculty Development Program On "Amazon Web Services"
4	Mr. Vijay Jumb	One-week Faculty Development Program on "Mathematical Modeling & Statistical Techniques for AIML and Data Science"
5	Dr. Vaishali Gaikwad	One week ISTE approved STTP on "Foundations of Applied Data Science and its Applications"
6	Dr. Vaishali Gaikwad	AICTE-ATAL Sponsored TWO Week Faculty Development Program on "Institutional Building Leadership for Academic Excellence in Higher Education"
7	Dr. Vaishali Gaikwad	AICTE Recognized Faculty Development Programme on MATLAB - Artificial Intelligence and Optimisation Techniques Conducted by Electrical Engineering Department
8	Dr. Vaishali Gaikwad	Faculty Orientation Program on Ethical Hacking (HCSC501) for TE (Sem- V) Honours and Minor Degree Program in Cyber Security.
9	Dr. Kunal Meher	One week ISTE approved STTP on "Foundations of Applied Data Science and its Applications"
10	Dr. Kunal Meher	Orientation program on Blockchain and Blockchain Lab
11	Ms. Sayali Mane	One week ISTE approved STTP on "Foundations of Applied Data Science and its Applications"

FDP/STTP/WORKSHOPS ATTENDED BY FACULTY MEMBERS

Sr. No.	Faculty Members	Name(Workshops)
12	Ms. S. Beatrice	AICTE Recognized Faculty Development Programme on MATLAB - Artificial Intelligence and Optimisation Techniques
13	Ms. S. Beatrice	One week Faculty Development Program On "Amazon Web Services"
14	Ms. S. Beatrice	ISTE Approved Short Term Training Program and orientation on SOCIAL MEDIA ANALYTICS
15	Ms. S. Beatrice	National level FDP on Recent Technologies
16	Ms. S. Beatrice	Faculty Development Program on "Data Analysis using Python"
17	Ms. S. Beatrice	One week ISTE approved STTP on "Foundations of Applied Data Science and its Applications"
18	Ms. S. Beatrice	FDP on "Computer Vision in Machine Learning"
19	Ms. Kavita Jain	One week ISTE approved STTP on "Foundations of Applied Data Science and its Applications"
20	Ms. Kavita Jain	Six days Faculty development program on "Machine Learning: Basics to Advanced"
21	Ms. Sushama Khanvilkar	One day International workshop on "International and national Patent drafting & Filing (INPDF 2022)"
22	Ms. Sushama Khanvilkar	AICTE Recognized One-week Faculty Development Programme on "MATLAB - Artificial Intelligence and Optimisation Techniques"
23	Ms. Sushama Khanvilkar	One week ISTE approved STTP on "Foundations of Applied Data Science and its Applications"

FDP/STTP/WORKSHOPS ATTENDED BY FACULTY MEMBERS

Sr. No.	Faculty Members	Name(Workshops)
24	Ms. Sushama Khanvilkar	Faculty Development Program on "Data Analysis using Python"
25	Ms. Teena Varma	One week ISTE approved STTP on "Foundations of Applied Data Science and its Applications"
26	Ms. Teena Varma	Six days Faculty development program on "Machine Learning: Basics to Advanced"
27	Ms. Teena Varma	Online Orientation Program On Machine Learning (CSC701) Machine Learning Lab (CSL701) Sem-VII Rev.2019
28	Ms. Teena Varma	Orientation on "Applied Data Science "
29	Mr. Omprakash Yadav	One week ISTE approved STTP on "Foundations of Applied Data Science and its Applications"
30	Mr. Omprakash Yadav	ISTE approved Online/SF-STTP/FDP Programme on "Artificial Intelligence Towards Data Science Applications"
31	Ms. Nilambari Narkar	One week Faculty Development Program On "Amazon Web Services"
32	Ms. Nilambari Narkar	AICTE Recognized Faculty Development Programme on MATLAB - Artificial Intelligence and Optimisation Techniques
33	Ms. Nilambari Narkar	One week ISTE approved STTP on "Foundations of Applied Data Science and its Applications"
34	Ms. Kirti Motwani	One week ISTE approved STTP on "Foundations of Applied Data Science and its Applications"
35	Ms. Sayali Mane	One week ISTE approved STTP on "Foundations of Applied Data Science and its Applications"

PAPER PUBLICATION

- Ms. Teena Varma, Kashmira Sawant published paper on "**Signature Verification Using Machine Learning**", INTERNATIONAL JOURNAL OF INFORMATION AND COMPUTING SCIENCE Volume 9, Issue 6, June 2022 ISSN NO: 0972-1347.
- Aryan Thakur, Sharon Mary Thomas, Kshitij Tapre, Vijay Jumb, "**Virtual Contact Discovery using Facial Recognition**", International Research Journal of Engineering and Technology (IRJET), Volume 9, Issue 7, e-ISSN: 2395-0056, p-ISSN: 2395-0072, 633-636, July 2022.
- Prof. Kirti Motwani, Rachael Dsouza, Rhea Dsouza, Janice Jose, "**Counterfeit Medicine Detection using Deep Learning**", International Journal of Innovative Research in Technology, ISSN: 2349-6002, August 2022, Volume 9 Issue 3.
- Ms. Teena Varma, Abhiruchi Patil published paper on "**Handwritten Mathematical Expression Solver using CNN**", International Journal for Research in Applied Science & Engineering Technology, Volume 10, Issue IX, September 2022.
- Beatrice S, published paper "**Brain Tumor detection using CNN**" in International Journal for research in Applied Science & Engineering Technology, Volume 10, Issue X, October 2022.
- Ms. Kavita Jain, Tahseen Shaikh, Shinell Athaide, Ishaan Pathak, Bobby Baiju, "**Smart Glove for Deaf and Dumb**", GIS SCIENCE JOURNAL, Scopus Active And Ugc Care Group 2 Journal ISSN NO : 1869-9391 VOLUME 9, ISSUE 12, 2022.
- Yash Anand, Sarang Deodhar, Clayton Mathias, Shailesh Maurya, Vijay Jumb, "**Music Genre Classification**", International Journal of Research and Analytical Reviews (IJRAR), Volume 10, Issue 1, 199 - 201, February 2023.
- Rutvik Joshi, Ayaan Shaikh, Chhaya Yadav, Aman Tiwari, Vijay Jumb, "**Kidney Stone Detection**", International Journal of Research and Analytical Reviews (IJRAR), Volume 10, Issue 2, 357 - 360, April 2023.

PAPER PUBLICATION

- Dr. Vaishali Gaikwad (Mohite), Vivek Solavande, M. Ahmer Usmani, **"PRODUCT ANALYST ADVISOR TOOL"**, Scopus indexed journal of Data Acquisition and Processing, ISSN: 1004-9037, DOI: 10.5281/zenodo.777079, May 2023.
- Stepheny Lucas, Mitali Desai, Amisha Khot, Sincee Harriet, Nilambari Narkar, **"Smart Care: A Symptoms Based Disease Prediction Model Using Machine Learning Approach"**, in International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 10, Issue XI, November 2022.
- Rhea Fernandes, Chris George, Esther Poobalrayer, Jason Dias, Nilambari Narkar, **"Career Guidance Website with Aptitude Test"**, in International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 10, Issue XI, November 2022.
- Varun Sheth, Chirag Pagaria, Nilambari Narkar, **"Visual Eye Acuity Test Using Virtual Reality"**, in International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 4, Issue 11, November 2022.
- Mitali Haldankar, Kunal Jadhav, Kalpana Pandey, Abhishek Patil, Nilambari Narkar, **"Child Education Using AR"**, in International Research Journal Of Modernization In Engineering Technology And Science (IRJMETS), Volume 4, Issue 11, November 2022.
- Diogo Dcosta, Michelle Macwan, Prof. Teena Varma, **"Designing An Immersive Virtual Reality Campus Tour: Technical And User Experience Considerations"**, International Journal of Creative Research Thoughts (IJCRT), Volume 11, Issue 4 April 2023 | ISSN: 2320-2882, h 427 -h 431, April 2023.

LIST OF FACULTY AS A RESOURCE PERSON IN FDP / STTP / WORKSHOP OR GUEST LECTURE

- Dr. Kunal Meher delivered a session in ISTE approved online STTP on Next Generation Cloud Computing Tools and Technologies organized by Xavier Institute of Engineering, Mumbai from 11th to 16th July, 2022.
- Mr. Vijay Jumb delivered a session on "STTP on Geospatial Big Data Analytics" held from 25th July, 2022 to 29th July, 2022 organized by the Department of Computer Engineering, Don Bosco Institute of Technology in association with IEEE-GRSS, Bombay.
- Dr. Vaishali Gaikwad organized "IET India Scholarship Award- West Zone" event on 17th September, 2022 at Xavier Institute of Engineering, Mahim, Mumbai where participants came from different eight states in association with The Institution of Engineering and Technology.
- Dr. Vaishali Gaikwad Invited as a "Panel Member" for giving valuable inputs in "Drive4CyberSpace, My Data My Privacy- Campaign to Drive Conversations on Data Privacy and Data Protection" at Shah and Anchor Kutchhi Engineering College on 14th October, 2022.
- Dr. Kunal Meher delivered a session in ISTE approved online STTP on Block chain and DLT organized by Xavier Institute of Engineering, Mumbai from 2nd to 7th January, 2023.
- Ms. Teena Varma delivered a session on "UML Diagrams" was organized by Information Technology Department of Xavier Institute of Engineering.

STAFF ACHIVEMENTS AND CONTRIBUTIONS

- Ms. Teena Varma judged an event named "MetaBuzz" in S.L.R.Tiwari college of Engineering on 14th September 2022.
- Ms. Teena Varma was appointed as Paper reviewer in IEEE-ICAST-2022 organized by K. J. Somaiya on 2nd and 3rd Dec, 2022.
- Dr. Kunal Meher was appointed as Paper reviewer in IEEE-ICAST-2022 organized by K. J. Somaiya on 2nd and 3rd Dec, 2022.
- Mr. Vijay Jumb Reviewed papers of the 5th IEEE - International Conference on Advances in Science & Technology (IEEE-ICAST - 2022) organized by K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai, in association with University of Mumbai and Technically Sponsored by IEEE Bombay Section on 2nd to 3rd December 2022.
- Dr. Kunal Meher was appointed as Member of the Jury for Rounds (West) of the IET India Scholarship Award 2022, 17th September 2022.
- Dr. Kunal Meher was appointed as syllabus setter for Rev-2019 'C' scheme for the subject Ethical Hacking and Forensic for BE Information Technology (Semester VI), April'2022.
- Mr. Vijay Jumb was appointed as one of the panel members for the final year Syllabus setting of Electronics and Computer Science, for Advanced Algorithms subject.
- Mr. Vijay Jumb was appointed as one of the panel members for the final Year syllabus setting of Computer Engineering for the subject Big Data Analytics (CSC702) & Big Data Analytics Lab (CSL702).

STAFF ACHIVEMENTS AND CONTRIBUTIONS

- Ms. Kavita Jain judged “InnoTech-The Inter-college Project Competition” in Xavier Institute of Engineering organized by IET on 15th October 2022.
- Ms. S. Beatrice was appointed as Paper reviewer in IEEE-international conference on Interdisciplinary approaches in technology and management for social innovation (IATMSI 2022) on 21st to 22nd December, 2022.
- Ms. Sushama Khanvilkar Reviewed papers of the 5th IEEE - International Conference on Advances in Science & Technology (IEEE-ICAST - 2022) organized by K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai, in association with University of Mumbai and Technically Sponsored by IEEE Bombay Section on 2nd and 3rd of December 2022.
- Ms. Sushama Khanvilkar completed Skillup online course “Introduction to Neural Network” on 21st August, 2022.
- Dr. Vaishali Gaikwad invited as a “Judge” at Zonal Round 17th Avishkar: Inter-Collegiate/ Institute/ Department Research Convention for Zone 3- Mumbai which is scheduled on Thursday, 22 nd December, 2022 at St. Andrews College of Arts, Science and Commerce, Bandra, Mumbai for Category 5: Engineering and Technology- UG, PG and PPG Levels.
- Dr. Vaishali Gaikwad was appointed as Paper reviewer in IEEE-ICAST-2022 organized by K. J. Somaiya Institute of Engineering and Information Technology, Sion on 2nd and 3rd December, 2022.
- Dr. Vaishali Gaikwad appointed as syllabus setter and resource person for TY CYSE Semester VI Rev. 2019 ‘C’ Scheme on the subject ICT Security Lab (SBL), on January 24, 2023 at Shah and Anchor Kutchi Engineering College.

STAFF ACHIVEMENTS AND CONTRIBUTIONS

- Dr. Vaishali Gaikwad Awarded as "Champion of the Year" by the professional body, The Institution of Engineering and Technology (IET) on 24th December, 2022.
- Ms. S. Beatrice was appointed as Paper reviewer in 1st International Conference on Recent Trends in Multidisciplinary Research and Innovation (ICRMIR-2023), February, 2023.
- Ms. Teena Varma was appointed as syllabus setter under the new CBCGS scheme for the subject Multimedia and Virtual Reality ECC D0802 (Theory) for BE Electronics and Computer Science (Semester VIII) in Fr C. Rodrigues College of Engineering, Bandra (W), Mumbai on 19th May, 2022.
- Dr. Vaishali Gaikwad organized "InnoTech" Inter-college Project Competition on 15th October, 2022 at Xavier Institute of Engineering, Mahim, Mumbai where participants came from different eight states in association with The Institution of Engineering and Technology.
- Dr. Vaishali Gaikwad organized 10 days Value Added Course on "Full Stack Development" at Xavier Institute of Engineering, Mahim from 27th December, 2022 to 06th January, 2023 in association with The Institution of Engineering and Technology.
- Dr. Vaishali Gaikwad and Ms. Kirti Motwani organized Value Added Course on "Latex" at Xavier Institute of Engineering, Mahim from 13th March, 2023 to 31st March, 2023 for SE & TE students.
- Ms. Teena Varma organized Student Development Program on "Introduction and Hands-on on LaTeX" at Xavier Institute of Engineering, Mahim from 1st July, 2022 to 6th July, 2022 for TE & BE students.

GUEST LECTURES FOR STUDENTS

Subject	Topic	Date	Class	Resource Person with Designation	Faculty Incharge
	First Step to Cooperate from Campus	06/08/2022	BE	Mr. Tejas Shah, Project Manager, Capgemini, Mumbai and Mr. Vimal Chaubey, Senior Consultant, Capgemini, Mumbai	Ms. Kirti Motwani
ML	"Building Innovative solutions using Transfer Learning"	19/09/2022	BE	Ms. Kavita Bathe, Asst. professor and Innovation Ambassador in K. J. Somaiya college of Engineering , Sion.	Ms. Teena Varma
Blockchain	Blockchain DApp Development	21/09/2022	BE	Mr. Danyl Fernandes, Frontend Engineer – Intern 2586Labs, Bangalore	Dr. Kunal Meher
CSL	Innovations in Security Standards and Cyber Hygiene	22/09/2022	BE	Mr. Akhil Trivedi, TMBS's USA Director	Dr. Vaishali Gaikwad
NLP	Natural Language Processing	06/10/2022	BE	Dr. S. Periyanyagi, Associate Professor, School of Computing science and Engineering, VIT Bhopal University, Bhopal	Ms. Beatrice
DWM	Ensemble Learning	12/10/2022	TE	Ms. Kavita Bathe, Asst. professor and Innovation Ambassador in K. J. Somaiya college of Engineering ,Sion.	Ms. Kavita Jain

GUEST LECTURES FOR STUDENTS

Subject	Topic	Date	Class	Resource Person with Designation	Faculty Incharge
OS	OS Security	01/03/2023	SE	Mrs. Angelin Florence Assistant Professor, St. John College of Engineering & Management	Ms. Kirti Motvani
CCL	Load Balancing and Recent Trends in Cloud Computing	03/03/2023	TE	Mr. Danyl Fernandes, Frontend Engineer – Intern 2586Labs, Bangalore	Dr. Kunal Meher
DBMS	Front-end and Backend Connectivity	03/03/2023	SE	Mr. Agnel Selva ,Software developer, Neosoft technologies	Prof. Kavita Jain
Major Project	Session on How to write paper	03/03/2023	BE	Prof. Monika Mangala, DJSCOE	Mr. Omprakash Yadav
AI	Real Time NLP Applications	03/03/2023	TE	Ms. Divya Kulkarni, DSE-1, Cimpress, Ms. Sushree Nadiminty, Framework Engineer, Quantiphi	Ms. Nilambari Narkar
Skill based lab Python programming	Robotics and ros	06/03/2023	SE	Mr. Prashant Upadhyay, KJ Somaiya Slon.	Mr. Omprakash Yadav

GUEST LECTURES FOR STUDENTS

Subject	Topic	Date	Class	Resource Person with Designation	Faculty Incharge
CSS	Cyber Threats and Ethical Hacking	10/03/2023	TE	Mr. Sean Pereira, ISC2 certified in Cybersecurity, TCM Security Certification in Practical Ethical Hacking	Dr. Kunal Meher
Mentoring Activity	Design your Destiny	13/03/2023	SE & TE	Mrs. Chetna Sunil Bapna, M.A. (Yoga & Science of Living), B.E. (EXTC), Diploma (EXTC), President of Jain Swetambar Terapanth Mahila Mandal	Ms. Nilambari Narkar, Dr. Vaishali Gaikwad
SMA	Digital Analytics : Social & ORM at a Glance	24/03/2023	BE	Mr. Aditya Krishnan, Digital Transformation Manager, Accenture, Mumbai.	MS. Beatrice
MP	Pentium 3 Processor	28/03/2023	SE	Prof. Dipti Patole, KJSCOE	Dr. Vaishali Gaikwad

HIGHER STUDY RECORDS

Name	Details (Planning for Higher Study)
Wesley D'souza	IELTS
Rushil Shekhar	IELTS
Rachael D'souza	IELTS
Gautam Gupta	IELTS
Rutvik Joshi	Duolingo English Test

- *Rachael Manjaly got Admission at University of Nottingham for MSc Business Analytics.*
- *Rutvik Joshi got admission at University College Dublin for MSc Computer Science.*
- *Rushil Shekhar got admission at University of Manchester for MS Advanced Computer Science.*

ALUMINI SPEAKS!

POWEL SHOBY

COMPS 2017-2021



The Xavier Institute of Engineering has undeniably been a pivotal milestone in my life, marking a transformative journey of personal and professional growth. This esteemed institution, renowned for its academic excellence, has played a vital role in equipping me with a comprehensive understanding of engineering principles and fostering an environment that nurtured my intellectual development. The knowledgeable faculty members have been instrumental in guiding me through the intricacies of the subject matter, instilling in me a deep appreciation for its practical applications. Additionally, the college's emphasis on practical learning and industry exposure has significantly enhanced my preparedness for the competitive job market. The diligent efforts of the placement cell have been invaluable, facilitating numerous job opportunities and ultimately securing a promising career path aligned with my aspirations. Attending Xavier Institute of Engineering has been a life-changing experience for me. The college has not only provided me with a quality education but has also molded me into a confident and skilled individual. The dedicated faculty members have gone above and beyond to ensure that I understand the subjects thoroughly and have encouraged me to explore my potential. Overall, the Xavier Institute of Engineering has profoundly influenced my life, empowering me with the skills and knowledge necessary for a successful future.

ALUMINI SPEAKS!

DARRYL FERNANDES

COMPS 2017-2021



During my time at Xavier Institute of Engineering, I had the privilege of being a part of the Computer Science department. The department's vibrant atmosphere was infectious, fueling my passion for technology and innovation. The professors were not only knowledgeable but also approachable, always encouraging students to explore beyond the curriculum. Their guidance and expertise provided me with a strong foundation in computer science concepts and practical skills. The state-of-the-art facilities, including well-equipped laboratories and a comprehensive library, offered ample resources for hands-on learning and research. Collaborative projects and hackathons organized by the department fostered a spirit of teamwork and problem-solving, enabling me to enhance my technical abilities and gain valuable real-world experience.

It was through one of these coding competitions that I caught the attention of representatives from Quantipi, a prominent technology company specializing in machine learning and artificial intelligence. Impressed by my performance, they offered me a role as a Machine Learning Engineer in their organization. This incredible opportunity not only validated my skills but also opened doors to a fulfilling and rewarding career in the field of machine learning. I am grateful to the Computer Science department at Xavier Institute of Engineering for organizing such events and providing the platform that helped me secure this role at Quantipi. The department's emphasis on practical learning, industry collaborations, and fostering a competitive yet supportive environment played a crucial role in preparing me for this opportunity and equipping me with the skills and knowledge necessary for success in the technology industry.

PHOTOGRAPHS!



BE COMPS



TE COMPS

PHOTOGRAPHS!



SE COMPS



DEPARTMENT OF COMPUTER ENGINEERING FACULTY