



XAVIER INSTITUTE OF ENGINEERING

A SISTER INSTITUTION OF ST. XAVIER COLLEGE

CSX BEATS

COMPUTER SOCIETY OF XAVIERITES
ACADEMIC YEAR 2023-2024





Xavier Institute of Engineering
COMPUTER SOCIETY OF XAVIERITES



2023 - 2024

CORE TEAM



Prof. Jyotsna More
CSX Convener



Prof. Teena Varma
CSX Coordinator



**Prof. Sulochana
Devi**
Faculty Member



Pratik Gupta
Student Convener



**Prof. Nilambari
Narkar**
Faculty Member



Lekha Pulavarthy
Student
Coordinator



Saish Rane
Student
Coordinator



Xavier Institute of Engineering
COMPUTER SOCIETY OF XAVIERITES



2023 - 2024

TEAM MEMBERS



Mangesh Pangam
Publicity Head



Akib Sayed
Publicity Head



Divyajothi Raja
Documentation
Head



Riya Kamble
Graphic Designer



Shruti Parade
Asst. Graphic
Designer



Anshu Sakhare
Asst. Graphic
Designer



Xavier Institute of Engineering
COMPUTER SOCIETY OF XAVIERITES
2023 - 2024



COMMITTEE MEMBERS



Siddharth Shinde
TE IT



Prashik Dongre
SE IT



Shreyash Gardi
SE CSE



Sachin Vishwakarma
SE IT



Ponvishal Nadar
SE CSE



Jason Ferreira
SE CE



Ishan Salunkhe
SE CE

Messages

Dear Members of CSX, It was my dream that XIE forms a Computer Society of Xavierites wherein every member gets an opportunity to and contribute to XIE family. It has been achieved with concerted efforts of our Dean, Prof. Kavita jain, who has been giving unconditional support to the talented students of XIE. It is amazing and heartwarming to know that CSX has conducted a number of short term courses contributing to skill development. Bravo. Keep it up. My full support to all the creative works you do.



Fr. Dr. John Rose SJ
Director, XIE



Dr. Y. D. Venkatesh,
Principal, XIE

Dear Members of CSX, A few years ago, about becoming members of the Computer Society of India. Our students after nothing substantially. Then we started telling CSX to become more active at XIE. It has been now greatly achieved and cherished by all the members of CSX. The Computer Society of Xavierites is like a lampstand that sheds light around XIE wherein all others can be technical knowledge. I encourage all to make use of CSX's activities and become brilliant engineers and take XIE to the next level. I extend my full support to CSX.

The main aim of forming Computer Society of Xavierites is to encourage the students for participating in various technical activities and developing their technical skills in this rapidly changing technical era. CSX organizes different workshops, seminars, talks by industry experts and project competitions every year. CSX gives chance to our own students to share their technical knowledge with other students. CSX motivate the students who participate in CSX events by giving certificates and different prizes to winners. As a Dean of Students and Staff welfare, I encourage all the students of XIE to participate in CSX events and be member of CSX committee to gain knowledge and experience



Prof. Kavita Jain
(Dean, Student's & Staff Welfare)



Prof. Jyotsna More
CSX Convener

Change is the only thing that is constant in today's technological world" Computer Society of Xavierites (CSX) was formed in August 2018. The objective of CSX is to increase technical knowledge among Xavierites. All students are encouraged to join CSX. This forum provides an opportunity to our students to build on existing skills and imbibe new ones. You can be a workshop speaker, organizer or coordinator: This group will increase self-confidence and provide a platform for technical interaction both inside and outside the Institute. It includes activities such as guest lectures, workshops, project exhibitions, competitions and many more. CSX nurtures and moulds the students to enter and compete in the rapidly changing technical arena.

Collaboration allows to capture each other's fund of collective intelligence. Computer Society of Xavierites (CSX) is one such collaboration and as a team it believes if everyone is moving forward together, then success takes care of itself. In Pandemic, CSX has provided a positive lesson that it is still possible to conduct concerted activities. The primary focus is to impart technical know how to students and promote their problem solving skills through Seminars addressed by Industry Experts and various Technical Competitions. CSX looks forward to contribute in addressing the technological challenges with an active participation from all the students. We wish Triumph!



Prof. Teena Varma
CSX Coordinator

Vision & Mission

XIE

V I S I O N

To nurture the joy of excellence in a world of High Technology.

M I S S I O N

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

COMPUTER ENGINEERING DEPARTMENT

V I S I O N

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

INFORMATION TECHNOLOGY DEPARTMENT

V I S I O N

To nurture the joy of excellence in the world of Information Technology.

M I S S I O N

- To provide students the knowledge of computer engineering with related technical skills to solve various computer engineering problem 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.

M I S S I O N

- To develop critical thinking ability of students by promoting interactive learning.
- To bridge the gap between industry and institute and give students the kind of exposure to the industrial requirements in current trends of developing technology.
- To promote learning and research methods and make them excel in the field of their study by becoming responsible while dealing with social concerns.
- To encourage students to pursue higher studies and provide them awareness on various career opportunities that are available.

Full Stack Web Development Workshop

On 5th August 2023, Computer Society of Xavierites (CSX) organized a one-day workshop on "Full Stack Web Development" to acquaint students with the technologies and tools required for building web applications. The speaker for the workshop was Mr. Dipesh Patil, working as a Software Engineer at Morningstar Inc and an Ex-student of XIE. The speaker guided the students through front-end technologies like React, Js, HTML, CSS, etc, and backend technologies like Node.js, and MongoDB. He gave a detailed explanation of the front end and back end by building a simple web application using an API Platform named Postman. He explained about

the JSON Web Token (JWT) which is used for authentication purposes. He also demonstrated how the data is stored, retrieved, updated, etc in a database. The participants also had hands-on experience in web development.

The poster is for a "Full Stack Web Development Workshop" presented by the Computer Society of Xavierites (CSX) at Xavier Institute of Engineering. It features a portrait of Mr. Dipesh Patil, a software engineer at Morningstar Inc. The event is free with certification provided. The venue is MAC Lab, on August 5th, from 9 AM to 5:30 PM, for students of SE, TE, and BE. The poster includes a microphone icon, a social media handle @xiacsx, and an illustration of people working at computers.

XAVIER INSTITUTE OF ENGINEERING
COMPUTER SOCIETY OF XAVIERITES

presents

FULL STACK WEB DEVELOPMENT WORKSHOP

FREE ENTRY AND CERTIFICATION PROVIDED

Mr. Dipesh Patil
SOFTWARE ENGINEER,
MORNINGSTAR INC.

• VENUE : MAC LAB
DATE : 5 TH AUG
TIME : 9 AM - 5:30 PM
FOR SE,TE & BE

@xiacsx

Hibernate Framework - ORM Tool



XAVIER INSTITUTE OF ENGINEERING
COMPUTER SOCIETY OF XAVIERITES

**HIBERNATE
FRAMEWORK
ORM TOOL**

Wednesday
31 JANUARY 2024

3:30 Pm
onwards

**COMPUTER
CENTER**

Contact us:
Akib Sayed - 9137594626
Divyashree Raju - 9004765974

On January 31, XIE held a Hibernate Framework ORM Tool seminar at the Computer Center, starting at 3:30 pm. A total of 20 participants from various years and branches joined the seminar, to learn the techniques and tools required to build Java applications to interact with the database. This Seminar had detailed explanation of the Hibernate framework by performing various operations like data creation, data manipulation, and data access. He explained how the ORM tool internally uses the JDBC API to interact with the database. The speaker also demonstrated how the object is mapped to the data stored in the database. It was an interactive session where the speaker cleared the doubts and had a one to one interaction with all participants.



Flutter Workshop

On 3rd February 2024, Xavier Institute of Engineering (XIE) hosted a workshop titled "Flutter Workshop" to acquaint students with the techniques and tools required for app development using flutter. A total of 90 students attended the workshop. The entire workshop was divided into two slots where in first slot the speaker explained the basic concepts of flutter via presenting a ppt and the second slot was all about practical implementation. The speaker gave a detailed explanation of various Flutter UI components like widgets, properties and explicitly importing fonts in the project. Students created a simple login form using the concepts taught in the entire session. It was an interactive session where the speaker cleared the doubts and had a one to one interaction with all participants. The overall response to the workshop was positive as it helped participants gain knowledge of the Flutter tool.

XAVIER INSTITUTE OF ENGINEERING
COMPUTER SOCIETY OF XAVIERITES

FLUTTER WORKSHOP

FRIDAY
2nd February, 2024
3.30 pm onwards

COMPUTER CENTER

SPEAKER
NESAN SELVAN

CONTACT US
Shruti Parade - 8356913411
Riya Kamble - 8355852392



Blink Buzz Competition

On 3rd February 2024, Xavier Institute of Engineering (XIE) hosted a workshop titled "Flutter Workshop" to acquaint students with the techniques and tools required for app development using flutter. A total of 90 students attended the workshop. The entire workshop was divided into two slots where in first slot the speaker explained the basic concepts of flutter via presenting a ppt and the second slot was all about practical implementation. The speaker gave a detailed explanation of various Flutter UI components like widgets, properties and explicitly importing fonts in the project. Students created a simple login form using the concepts taught in the entire session. It was an interactive session where the speaker cleared the doubts and had a one to one interaction with all participants. The overall response to the workshop was positive as it helped participants gain knowledge of the Flutter tool.



XAVIER INSTITUTE OF ENGINEERING
COMPUTER SOCIETY OF XAVIERITES

BLINKBUZZ CODE CLASH

Friday
 9th February, 2024

3:30 pm onwards

Computer Center(1st Floor)

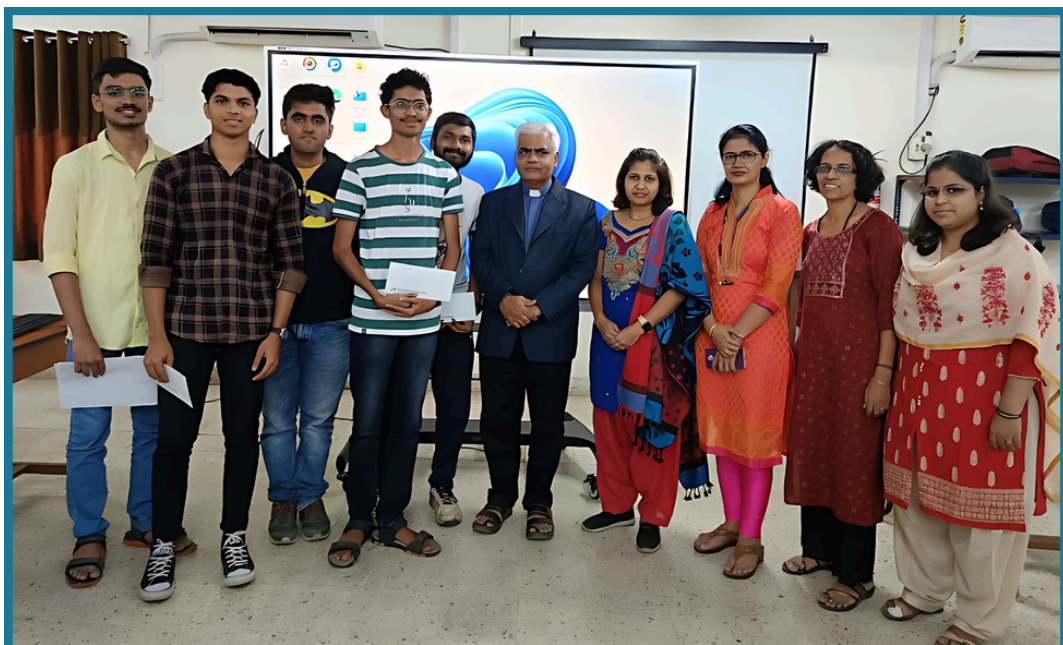
PRIZE POOL : RS 3000/-

ANY QUERIES ?

ANSHU SAKHARE - 8879551561
 LEKHA PULAVARTHY- 9324867771

FREE Registration
 Participation
 E-Certificate will be provided

Java
 CSS
 HTML



Android Development Workshop

On 16th February, 2024, CSX recently hosted an enlightening workshop on Android app development, aimed at empowering students with essential skills for creating modern mobile applications. The speaker for the workshop was Mr. Asad Shaikh from BE-COMPS . Total of 30 students attended the workshop. It commenced at 3:30 pm on February 16, 2024, at the MAC Lab. Mr. Asad elucidated fundamental concepts of Android development through a well-prepared presentation. Participants gained insights into app architecture, user interface design, and other key components.



**XAVIER INSTITUTE OF ENGINEERING
 COMPUTER SOCIETY IN XAVIERITES**

**ANDROID
 DEVELOPMENT**

FRIDAY
 3:30 pm onwards
 16 February 2024

SPEAKER
 Asad Shaikh

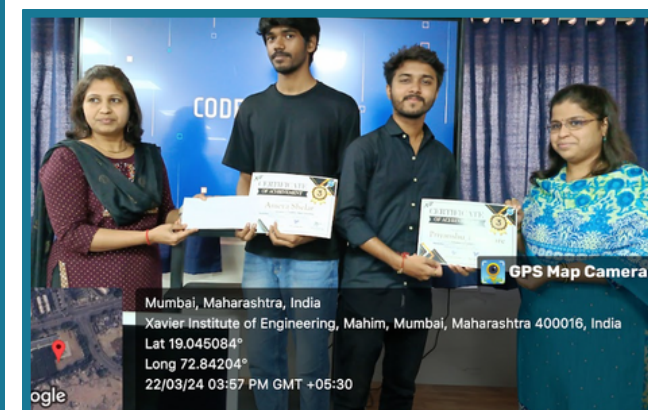
VENUE
 MAC Lab

ANY QUERIES :
 Ponvishal Nadar : 7977270711
 Shreyash Gardi : 88798 28203

He also focused on practical implementation, wherein participants engaged in hands-on exercises guided by him. Attendees learned how to apply theoretical concepts to real-world scenarios, culminating in the creation of basic mobile applications. Throughout the session, Mr. Asad encouraged interactive discussions, providing participants with opportunities to ask questions and seek clarification.

CodeBlitz: Rapid Innovation Hackathon

The Computer Society of Xavierites (CSX) conducted “CodeBlitz” providing students with the opportunity to showcase their knowledge and develop problem solving skills. The hackathon aimed to foster innovation by presenting participants with a challenging problem statement. It tested their skills in programming languages like HTML, CSS, JavaScript, etc. Total 24 students took part in the competition. 3 hours- time limit was provided to all the participants and they had to prepare a website in the given time. Participants were judged on the basis of competence of the project, front-end, back-end, understanding of problem statement and presentation. Winners of this competition 1st place: C-- (C minus minus) (TE IT), 2nd Place: Bastion (SE Comps) and 3rd Place: Tech Titans (SE CSE). They were felicitated by Respected CSX Faculty with cash prizes of Rs. 3000/- , Rs.2000/- and Rs.1000/- respectively. Participation certificates were distributed to all attendees.



CodeConnect- Networking through Github!

XAVIER INSTITUTE OF ENGINEERING
COMPUTER SOCIETY OF XAVIERITES

CodeConnect
NETWORKING THROUGH GITHUB
SEMINAR

🕒 22ND MARCH, 2024
2.30pm onwards

📍 Mac Lab, 3rd floor

MOSES FERNANDES

ROHIT PRASAD

Contact us:
Siddharth Shinde - 99709 21458
Prashik Dongre - 9960471742

advice. The event concluded with an interactive Q&A session, where participants had the chance to clarify their doubts and engage directly with the speakers. Mr. Rohit Prasad and Mr. Moses Fernandes patiently answered each question, providing deeper insights and practical tips on mastering Git. Total of 44 students attended the event. Feedback from the participants was overwhelmingly positive, with many appreciating the clear and approachable teaching style of the speakers.

The event, titled CodeConnect, was organized by the CSX Committee of XIE and was scheduled on March 22, 2024, starting at 2:30 PM. The venue for the event was MAC Lab, situated on the 3rd Floor. The session kicked off with a brief introduction of the speakers, Mr. Rohit Prasad and Mr. Moses Fernandes, setting the stage for an informative dive into Git. Mr. Rohit Prasad and Mr. Moses Fernandes explained Git in easy-to-understand terms, showing how it works, different commands, and how it's used in everyday life. The speakers made sure everyone could follow along by asking questions and making the topic simple. Then, they talked about how knowing Git can help get better job opportunities, giving useful



Treasure Quest



The Computer Society of Xavierites (CSX) conducted "Treasure Quest". This Competition featured three Python code snippets for participants to dry run and predict the output. Teams used their predictions to locate and capture a flag hidden within the XIE Campus, with the first team to capture the flag declared the winner. Total 31 students (11 groups) participated in the competition. The winning teams: Satarkars (1st Place), Homies (2nd Place), Tech Titans (3rd Place), and Efficient Programmers (4th Place) were felicitated by respected CSX Faculty with cash prize of Rs. 3000/- , Rs.2000/- , Rs.1000/- and Rs. 500/- respectively. The overall response to the competition was positive. The competition helped participants to test their problem solving skills and improve programming knowledge. The competition also gave an experience to work in the limited time to the participants.



Project

Competition



XAVIER INSTITUTE OF ENGINEERING
COMPUTER SOCIETY OF XAVIERITES

PROJECT COMPETITION

MONDAY
22ND APRIL, 2024

2PM TO 4PM

SEMINAR HALL

**PRIZE POOL
RS 9000 /-**

ANY QUERIES?
SAISH RANE - 8108070876
PRATIK GUPTA - 8928728410



The Computer Society of Xavierites (CSX) conducted “Project Competition” equipping students with a platform to demonstrate their learning and hone critical thinking skills. The event welcomed participants from the second, third, and final year (SE, TE, and BE) of the Xavier Institute of Engineering. Each team showcased their innovative projects, ranging from sustainable energy solutions to cutting-edge automation designs. Winners of this competition from SE were “Gamified Learning” comprising of Rohit Karlekar, Saish Palekar, Shrey Kanojia, Sahil Patil and runner Ups were “Chiranjeevi” comprising of Nithin Nayak, Himanshu Tiwari, Chandan Singh Rajpurohit, Sachin Vishwakarma. In TE there was a tie so two winners are “Homies” comprising of Siddharth Bandal, Atharva Gaikwad and “C--” comprising of Khizar Shaikh from BE winners were “Smart E-Wheelchair” comprising of Jeevan Varghese, Castro Nadar, Ishika Shinde, Om Tiwari and runner up were “Motion Master VR” comprising of Arjun Singh Shishodia, Shailesh Teddu, Mrunal Vaidya, Gaurav Vengurlekar . Winners and Runner Ups were felicitated with cash prizes of Rs. 2000/- and Rs. 1000/- respectively. Participation certificate was awarded to all students



**Thank
you!**