

Xavier Institute of Engineering

DEPARTMENT OF INFORMATION TECHNOLOGY



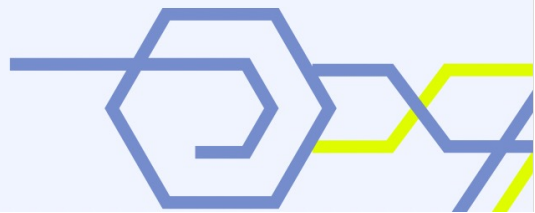


Vision of XIE

To nurture the joy of excellence in a world of high technology.

Mission of XIE

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



About the Department

The Department of Information was established in 2005 and offers a Bachelor in Engineering in IT. The department has well trained staff that offers teaching and learning with well-equipped computer laboratories. Excellence is the hallmark of all that is taught by a well – qualified faculty.

IT is an exciting and evolving field that offers many and varied career opportunities. IT curriculum includes advanced courses on Artificial Intelligence, Data warehousing & Mining, Big-data Analytics, image processing along with core computer subjects like Data structures, operating systems and DBMS.

This degree provides students with excellent preparation both for graduate study in IT and for employment. Our major recruiters include Tech-Mahindra, Mastek, L&T Infotech, Infosys, Accenture, Capgemini , Amazon and many more.

The Jesuit tradition emphasizes excellence as a level to be reached in study and employment. The department of IT continues this noble tradition.

The laboratories in the department have the latest machine configuration and full internet access enabling the students to perform the experiments with ease. We have some proprietary software and encourage the students to use open source tools wherever possible.

Vision of Department of Information Technology

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

Mission of Department of Information Technology

- To develop the 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.

Program Education Objective

- Employed as IT professionals, and shall engage themselves in learning, understanding, and applying newly developed ideas and technologies as their field of study evolves.
- Competent to use the learnt knowledge successfully in the diversified sectors of industry, academia, research and work effectively in a multidisciplinary environment.
- Aware of professional ethics and create a sense of social responsibility in building the nation/society.

Program Specific Outcome

- Demonstrate the ability to analyze and visualize the business domain and formulate appropriate information technology solutions.
- Apply various technologies like Intelligent Systems, Data Mining, IOT, Cloud and Analytics, Computer and Network Security etc. for innovative solutions to real time problems.

Message from Director Fr. (Dr.) John Rose S.J.



Dear Readers of *IT Insights*,

The Students and Faculty involved in bringing out this great magazine for IT Students deserve our heartiest congratulations! It is very well named, indicating that the wisdom and knowledge it provides is not terminal but is meant to be developed. With justified hindsight, one can easily guess that the intellectual consequence this E-Magazine will bring excitement into the academic life of the Students.

IT Insights is in line with the functional methods of *Azure Monitor* that provides extensible application performance management (APM) and monitoring for live web apps. Developers and DevOps professionals can use APMs to see what users actually do with the apps, and help to diagnose problems by using powerful analytics tools. They also help to spot if there are any glitches and to improve app performance.

Just as *Azure Monitor* supports a wide variety of platforms like Node js, Java, and Python, *IT Insights* provides meaningful reading to all branches of engineering. I feel privileged to be in an IT Department where I can get involved in all the Students' activities and be rewarded as they are with the delights of making new discoveries. To use *Azure Monitor*, we either install a small instrumentation package (SDK) in our app, or enable *Azure Monitor* to supply an application insights agent. Similarly, both Students and Faculty are bound to have their minds and hearts opened and also have boundless opportunities for their talents and expertise.

All the best.

Message from Principal Dr. Y.D Venkatesh



My wishes and appreciation for all the efforts put by the editorial board of the Information Technology Department and bringing out this Newsletter to the forefront. This edition of the Newsletter reports on the most significant activities that are carried out by our Faculty, Students, and our Alumni in the area of Teaching-Learning, Research and Development along with Industry-Institute Interaction.

This newsletter is a medium, to bridge the gap between achievements and the publicity. The Faculty and Staff of the Department of Information Technology strive to produce technically competent and socially responsible graduates. The department of IT has been well developed with laboratories to provide practical exposure in the field of IT practices. The department thrives to support and develop research culture, consultancy and enhance entrepreneurship skills among all our students. Innovation and creativity are fundamental to all academic disciplines and educational activities. To build up and inculcate these creative habits and to stay appraised with the current requirements and meet the demands of industry, the department of Information Technology is conducting workshops on various subjects such as coding, programming, Internet Of Things, Machine Learning, Spoken Tutorials, Python, Robotics, and Artificial- Intelligence to name a few.

The department also works to build-up industry-Institute linkage. It helps to provide good placements and brings in real-world exposure to our students. The department also encourages, involves and supports students to participate in various Co-curricular and Extra-Curricular activities. These activities will bring awareness to all our students on social well-being and living together with societal needs. With good wishes and blessings.

Message from HOD Ms. Meena Ugale



Dear Colleagues and Students,

It gives us pleasure and honor to bring out the issue of the newsletter of the Department of Information Technology for the period from July, 2021 to June, 2022.

'IT Insights' is giving a medium to the department to showcase the achievements in a systematic way and stakeholders get a ready reference of the activities of the department.

With the aid of the best of the Infrastructure and the Staff, we educate students to become good professionals in future. Students are always updated with the latest trends in IT through various guest lectures and workshops. Most of the staff members are actively involved in publishing technical papers at various levels. The Team work of the department motivates to set a good example to their successors.

I am actually indebted to my departmental staff, students and their parents who have been working dedicatedly towards the overall growth of the department and the institute.

The Editorial team members have put in their best as always for coming up with a wonderful issue. Enjoy reading!!

Galvin D'Mello

Software Engineer, Tenable



Hello Friends!

I would like to share my experience with XIE. When I started in 2011, I was very eager to learn more about computers. During the first two years, I was able to gain some important skills, while the last two years focused on different practical aspects of the industry.

I would spend a lot of time in the labs, discussing ideas and projects with my friends. I remember participating in Fr. John's workshops, which got me interested in hardware. The teachers and staff members were always ready to help me with any questions I would have.

I was also able to contribute towards the college magazine and helping out in the technical festival. The technical committee arranged many events which introduced us to people in various sectors. These activities helped my confidence and instilled leadership qualities.

During the final year, there was emphasis on research, the outcome of which we were encouraged to publish. The research and extensive list of projects helped me become a decent engineer. I was lucky to get four job offers and enter the workforce straight after graduation. I managed to build a career for which I will always be grateful to XIE.

Editorial Team



Ms. Sulochana Devi
Assistant Professor



Mr. Rimson Nadar
Lab Assistant



Arya Sarada (BE- IT)
Editor

Seminars and Workshops organized by the Department

- Ms. Jyotsna More and Ms. Suvarna Aranjo organized online workshop on “Latex for Beginners” from 21st Feb to 4th Mar 2022 for SEIT students.
- Ms. Martina D’souza and Ms. Sulochana Devi organized AICTE-ISTE approved 6 day’s online workshop on “Web X.0” from 3rd Jan to 8th Jan 2022.
- Ms. Chhaya Dhavale and Mr. Jaychand Upadhyay conducted value added course on “Image Processing Using OpenCV/Python” for TEIT from 31st Aug 2021 to 4th Sept. 2022.
- Chhaya Narvekar conducted sessions in Two week online workshop on "Data Structures Using Python" from 12th Jul to 23rd Jul, 2021 organized by Department of EXTC
- Chhaya Narvekar conducted sessions in FOP "Image Processing" for TEIT SEM-VI R-2019 -C Syllabus scheme held on 10th Jan, 2022 organized by Department of IT ,PCE on behalf of University of Mumbai
- Ms. Jyotsna More, Ms. Suvarna Aranjo, Ms. Martina D'souza, Ms. Jaya Jeswani, Mr. Amit Narote conducted sessions in one week online SDP on "LaTeX_For_Beginners" from 21st Feb to 4th Mar, 2022 organized by Department of Information Technology, Xavier Institute of Engineering, Mumbai.
- Ms. Martina D'souza conducted sessions in FOP "Web X.0" for TEIT SEM-VI R-2019 -C Syllabus scheme held on 6th Jan, 2022 organized by Department of IT, XIE on behalf of University of Mumbai.
- Prof. Stella J delivered a session on Demonstration of simulation in Proteus on 7th July 2021 in the Six-Day ISTE approved Online Faculty Development Program on “Sensor Technology” organized by Department of Electronics and Telecommunication, XIE.

Seminars and Workshops organized by the Department

- Ms. Sulochana Devi conducted sessions in FOP "Ethical Hacking and Forensic (ITDO6014)" for TEIT SEM-VI R-2019 -C Syllabus scheme held on 11th Jan, 2022 organized by Department of IT, XIE on behalf of University of Mumbai.
- Dr. Ujwala Bharambe ,assistant professor TSEC, Bandra delivered a guest lecture on the topic "Genetic Algorithm- Evolutionary Algorithm" for TEIT on 7th Oct 2021 organized by Ms. Chhaya Dhavale.
- Ms. Kajal Jewani Assit. Prof, VESIT, Chembur delivered a guest lecture on the topic "Data structures real time application perspective" for SEIT on 4th Dec 2021 organized by Ms. Chhaya Narvekar.
- Prof. Martina D'souza conducted guest lecture on the topic "UML Diagrams" for TEIT on 24th Sept 2021 organized by Ms. Meena Ugale.
- Mr. Kunal Meher conducted guest lecture on the topic "Android Games Development Using Canvas" for BEIT on 30th Aug 2021 organized by Ms. Jyotsna More & Ms. Suvarna Aranjo.
- Mr. Mayur Jain, Database Engineer, Just Dial Limited conducted guest lecture on the topic "Industry Trends in DBMS" for SEIT on 27th Nov 2021 organized by Ms. Jyotsna More.
- Mr. Vicky D'souza, Invesco Mutual Funds conducted guest lecture on the topic "Real Life MIS in Mutual Fund Industry" for BEIT on 18th Sept 2021 organized by Ms. Martina D'souza.
- Dr. Bhushan Patil conducted guest lecture on the topic "Patenting and IPR" for BE & TE IT on 30th Aug 2021 organized by Ms. Suvarna Aranjo.
- Dr. Vasim Shaikh conducted guest lecture on the topic "How to write a Technical Paper" for BE & TE IT on 3rd Sept 2021 organized by Ms. Suvarna Aranjo.
- Dr. Nilesh Patil conducted guest lecture on the topic "Network Design" for BE IT on 4th Sept 2021 organized by Ms. Suvarna Aranjo.

Seminars and Workshops organized by the Department

- Mr. Kunal Meher conducted guest lecture on the topic “Socket Programming in Java” for BEIT on 26th Nov 2021 organized by Ms. Meena Ugale & Ms. Sulochana Devi.
- Ms. Sana Haji conducted guest lecture on the topic “Advanced Data Management Techniques” for TE IT on 4th Sept 2021 organized by Ms. Jaya Jeswani.
- Ms. Bharti Khemani conducted guest lecture on the topic “Scripting Languages” for SE IT on 11th Nov 2021 organized by Ms. Jaya Jeswani.
- Dr. Saurabh Patil conducted guest lecture on the topic “Digital Transformations in Cyber Security” for TE IT on 3rd Sept 2021 organized by Ms. Stella J.
- Ms Saiqa Khan conducted guest lecture on the topic “Research paper writing on Machine Learning” for BE IT on 6th Sept 2021 organized by Mr. Jaychand Upadhyay.
- Ms Rishank Karkera conducted guest lecture on the topic “Project based learning Industry perspective” for TE IT on 21st Jan 2022 organized by Ms. Chhaya Dhavale.
- Ms Shrishti Karkera conducted guest lecture on the topic “Hypothesis testing” for TE IT on 4th Feb 2022 organized by Ms. Chhaya Dhavale.
- Kedar Rane conducted guest lecture on the topic “Data wrangling” for TE IT on 28th Jan 2022 organized by Ms. Chhaya Dhavale.
- Dr. Ujwala Bharambe conducted guest lecture on the topic “Semantic Technology” for TE IT on 24th Feb 2022 organized by Ms. Chhaya Dhavale.
- Mr Shivang Sachdev conducted guest lecture on the topic “Industrial Application of Python Programming in current world” for SE IT on 23rd Feb 2022 organized by Mr. Jaychand Upadhyay.
- Ms. Garima Tripathi conducted guest lecture on the topic “Multicore Architecture” for SE IT on 22nd Feb 2022 organized by Ms. Meena Ugale.

Seminars and Workshops organized by the Department

- Statistical analysis of an Application using R programming” for BE IT on 23rd Feb 2022 organized by Ms. Meena Ugale.
- Mr. Smit Mirani conducted guest lecture on the topic “Angular JS hands On Session” for TE IT on 23rd Feb 2022 organized by Ms. Martina D'souza
- Mr. Godfrey Gonsalves conducted guest lecture on the topic “Industry Aspect to Project” for BE IT on 19th Mar 2022 organized by Ms. Martina D'souza
- Dr. Mansi Subhedar conducted guest lecture on the topic “IoT and its Application” for TE IT on 22nd Feb 2022 organized by Ms. Suvarna Aranjo.
- Ms. Namrata Bomble & Ms. Prajakta Pednekar conducted guest lecture on the topic “Automated Testing using Java Selenium” for BE IT on 19th Feb 2022 organized by Ms. Suvarna Aranjo.
- Ms. Suvarna Aranjo conducted Orientation to Major Project for BE IT on 23rd Feb 2022.
- Mr. Vikas Baloda conducted guest lecture on the topic “Capacity Planning and Traffic Analysis” for SE IT on 25th Feb 2022 organized by Ms. Sulochana Devi.
- Mr. Ketan Joshi conducted Hands-on sessions on DevOps Tools for BE IT organized by Ms. Sulochana Devi and Ms. Jaya Jeswani.
- Dr. Vishal Patil conducted guest lecture on the topic “Future of Data Mining” for TE IT on 24th Feb 2022 organized by Ms. Jaya Jeswani.
- Dr. Abhishek Mehta conducted guest lecture on the topic “Digital Forensics Malware and Web Analysis” for TE IT on 22nd Feb 2022 organized by Ms. Stella J.

Web X.0 Faculty Development Program

Zoom Meeting

Sulochana Devi

Mayuri

Participants (39)

Find a participant

- SD Sulochana Devi (Co-host, me)
- MD Martina D'souza (Host)
- Dr. Nilesh Patil (Co-host)
- Saurabh Patil (Co-host)
- FD Fr. Dr. John Rose, SJ
- A Allan
- Amir Zakaria
- Amit Narote
- Amol Kharat
- BJ Beatrice Jeevaraj
- CK chandan kolvankar
- CN Chhaya Narvekar

Unmute Start Video Security Participants Chat Share Screen Record Reactions More Leave

Type here to search

28°C

10:06 AM 1/3/2022

REC Shradha More is presenting

Presented by:
Ms. Shradha S. More
Assistant Professor
Department of Information Technology
St. John College of Engineering and Management, Palghar

Participants (16): Shradha More, Martina Rodriguez, Dr. Nilesh Patil, Shila Jawale, Ragini Sharma, Sukanya Roych..., samundiswary s, Allan Lopes [U..., Sunita Rathod, Pooja Shetty, 4 others, You

10:16 AM | Web X.0 FDP Day 5

10:16 AM 07/01/2022

Web X.0 Orientation

What is Tableau? Uses of Tables: x | Inbox (938) - sulochana.d@xavie... | Online Exam for Mumbai Univers... | Meet - Faculty Orientation | x

https://meet.google.com/ptr-xwfp-gzs

REC Niles M.Patil CRCE is presenting

Faculty Orientation Program On Web X.0 (ITC602) & Web Lab (ITL602)

Organised by
Xavier Institute of Engineering, Mahim
In Collaboration With
University of Mumbai

3:07 PM | Faculty Orientation Program on "Web X.0 ...

What is Tableau? Uses of Tables: x | Inbox (938) - sulochana.d@xavie... | Online Exam for Mumbai Univers... | Meet - Faculty Orientation | x

https://meet.google.com/ptr-xwfp-gzs

REC Niles M.Patil CRCE is presenting

Scheme for Web X.0

| Subject Code | Subject Name | Theory | Practical | Tutorial | Theory | Practical/Oral | Tutorial | Total |
|--------------|--------------|--------|-----------|----------|--------|----------------|----------|-------|
| ITC602 | Web X.0 | 03 | -- | -- | 03 | -- | -- | 03 |

| Subject Code | Subject Name | Examination Scheme | | | | | | | Total |
|--------------|--------------|---------------------|-------|--------|---------------|-----------|-----------|------|-------|
| | | Theory Marks | | | End Sem. Exam | Term Work | Practical | Oral | |
| | | Internal assessment | Test1 | Test 2 | | | | | |
| ITC602 | Web X.0 | 20 | 20 | 20 | 80 | -- | -- | -- | 100 |

3:10 PM | Faculty Orientation Program on "Web X.0 & ...

Guest Lecture on Industry Trends in DBMS

The screenshot shows a Zoom meeting interface. The main window displays a terminal window with a SQL query being executed. The query is as follows:

```
1. q
2.
3.
4. SET GLOBAL session_track_table = DHL;
5.
6. SELECT DISTINCT category_name FROM company_mapping.tbl_category_mapper WHERE external_category LIMIT 1000;
7.
8. SHOW TABLES LIKE '%category_name';
9.
10. SELECT * FROM input_table;
11.
12. SELECT COUNT(*) FROM tbl_category_mapper;
13.
```

The terminal output shows the results of the query, including the category name and the count of records. The Zoom interface also shows a list of participants on the right side, including MAYUR JAIN, SUDEEP Purojary, HARSH DALVI, FARADHANA Singh, ANSHUMAN Sher..., BHARGAV AVARE, OSAMA Sheikh, ROHAN TALEKAR, HARSHITA Gupta, MAYUR JAIN, MAHESH GUPTA, SOHAM Desai, ISHIKA SHINDE, PNBTHPR Badipunem, and HAMZA SHAIKH.

Hands-on Session on DevOps

The screenshot shows a Zoom meeting interface. The main window displays a diagram illustrating a DevOps pipeline. The diagram shows the following flow:

```
graph LR
    A[Push] --> B[GitHub]
    B --> C[Maven]
    C --> D[Test]
    D --> E[Maven]
    E --> F[Se]
    F --> G[Apache Maven]
    G --> H[MONITOR]
```

The diagram also includes the Jenkins logo and the Selenium logo. The Zoom interface shows a list of participants on the right side, including Ketan Joshi, Vivek Prajapati, 26 others, and You. The bottom of the screen shows a tracking bar with the text "Tracking ... 11 min 39s... Click To G..." and a "Activate Windows" watermark.

IOE Mini-Project Exhibition

The Department of Information Technology arranged a Mini Project Exhibition for Students of BE IT for the Subject Internet of Everything Lab on 20th April 2022. The motive of the Exhibition was to enlighten students' knowledge towards Internet of Everything. It was coordinated by Fr. Dr. John Rose S.J and Prof. Stella J.

The students joined the Offline Mini Project Exhibition and Competition. They arranged the hardware model with the Poster Presentations. Around 22 groups of students from BE IT participated in the event with different ideas. Prof. Jaychand Upadhyay, Prof. Chhaya Narverkar and Prof. Suvarna Aranjo evaluated the Projects.

Winner and Runner Up of the Event:

- **Winner: Open Canary Based Threat Logger with Device ID**

1. XIEIT181927 Melvin Raju
2. XIEIT181956 Chandrakant B Thakur
3. XIEI 181904 Sachin Ganeshprasad Maurya

- **Runner Up: Smart Kitchen Automation and Monitoring System**

1. XIE181957 Jarvis Trinidade
2. XIEIT181931 Vaibhav Mahesh Murari
3. XIEIT181950 Sharan Shetty

IOE Mini-Project Exhibition



Major Project-II Exhibition

A Project Exhibition was organized by the Department of Information Technology for BE IT class on 01/04/2022 in Seminar Hall, 2nd Floor, XIE, Mahim, Mumbai. They displayed the Technical Paper of their Project and also exhibited the project idea in the form of poster presentation.

A total of 25 groups from the Department of Information Technology participated in this Project Exhibition.



Major Project-II Exhibition



AI-ML based Mini Project Exhibition

The Department of Information Technology organized a Project Exhibition on Artificial Intelligence – Machine Learning based mini projects for the third year students of the department. Total 25 AI-ML projects were exhibited by TE-IT students

The AI-ML based Mini Project Exhibition was held on 22/04/2022 from 11:00 am to 1:00 pm, in Seminar Hall, Second Floor.



Python Mini Project Exhibition

The Department of Information Technology organized a mini-project exhibition of SE IT class in the Computer Centre, first floor. Total 19 projects were exhibited by SE-IT students

The AI-ML based Mini Project Exhibition was held on 29/04/2022 from 11:00 am to 1:00 pm, in Seminar Hall, Second Floor. Top 2 projects were felicitated by cash prizes (First prize: 2000/-, Second Prize: 1000/-) and all groups were awarded the certificate of appreciation.



Journal/Conference Publication details of faculty & students

- Tad Gonsalves, Jaychand Upadhyay, "Integrated deep learning for self-driving robotic cars book chapter", ELSEVIER, ISBN: 978-0-323-85498-6, 93-117, 2021.
- Jaychand Upadhyay, Tad Gonsalves, "A Lightweight System towards Viewing Angle and Clothing Variation in Gait Recognition", International Journal of Big Data Intelligence and Applications (IJBDIA), vol. 2, no.1, pp 1-18, 2021.
- Jaychand Upadhyay, Tad Gonsalves, "Robust and Lightweight System for Gait-Based Gender Classification toward Viewing Angle Variations", AI, MDPI, vol. 3, no. 2, 538-553., 14th June 2022.
- K. More, P. Jawale, S. Bhattad and J. Upadhyay, "Pneumonia Detection using Deep Learning", International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON) IEEE, , pp. 1-5, 2021.
- Meena Ugale, Nimeesha Venkatavelu, Pranay Patil, Suraj Rane "Review of Machine Learning Techniques for Crop Recommendation System", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Mar 2022, Volume 10, Issue III, Pg:467-477
- Meena Ugale, Merlyn Koonamparampath, Raj Shah, Mahipal Sundvesha "A Review on Prostate Cancer Detection using CNN", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Mar 2022, Volume 10, Issue III, Pg:948-954
- Jyotsna More, Iqra Khatri, Priya Soni and Jatin Satoskar "Women Well-being Application", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Mar 2022, Volume 10, Issue III, pg: 1897-1930
- Jyotsna More, Vikas Gupta, Melisa Andrea Soans and Zara Qureshi "Review on different methods for real time object detection for visually impaired" International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Apr 2022, Volume 10, Issue IV

Journal/Conference Publication details of faculty & students

- Jyotsna More, Nishant Bhatte, Vivek Prajapati, Shreekunj Varia, "Comparison of different Cloud Providers", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Jun 2022, Volume 10, Issue VI, pg: 651-655
- Martina D'souza, Rohan Adhav, Shivam Dubey, Sachin Dwivedi "Speech Based Emotion Detection Using Deep Learning", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Mar 2022, Volume 10, Issue III, pg 2282-2291
- Martina D'souza, Rohan Adhav, Shivam Dubey, Sachin Dwivedi, "A Review Paper on Speech Based Emotion Detection Using Deep Learning" International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Feb 2022, Volume: 09 Issue: 02, pg: 551-554
- Sulochana Devi, Chhaya Dhavale, Lalita Moharkar, Sushama Khanvilkar, "Impact of Online Education and Sentiment Analysis from Twitter Data using Topic Modeling Algorithms", *International Journal of Applied Sciences and Smart Technologies*, Volume 4, Issue 1, 21-34, June 2022.
- Jaya Jeswani, Priya Soni, Iqra Khatri, Jatin Satoskar, "Detecting Attention Deficit Hyperactivity Disorder(ADHD) Inflicted Humans using Convolution Neural Network(CNN)", IOSR Journal of Computer Engineering(IOSR-JCE), e-ISSN:2278-8727, Mar- April 2022, volume 24, Issue 2, pp 27-31
- Jaya Jeswani, Priya Soni, Iqra Khatri, Jatin Satoskar, "Detecting Attention Deficit Hyperactivity Disorder Inflicted Humans using Long Short Term Memory(LSTM)", International Journal for Research in Applied Science & Engineering Technology March 2022, volume 10, Issue III, pp 2201-2206

Journal/Conference Publication details of faculty & students

- Jaya Jeswani, Savita Rajput, Karan Umredkar, Apurva Ware, “Digital Image Watermarking using Machine Learning”, IOSR Journal of Engineering, April 2022, volume 12, Issue 4, pp 31-39
- Jaya Jeswani, Vedant Bhardwaj, Bhavin Jain, Baljot Singh Kohli, “Negative Sentiment Analysis: Hate speech detection and Cyber Bullying”, International Journal for Research in Applied Science & Engineering Technology, May 2022, volume 10, Issue 5, pp 911-917
- Jaya Jeswani, Vedant Bhardwaj, Bhavin Jain, Baljot Singh Kohli, “Negative Sentiment Analysis”, IOSR Journal of Computer Engineering(IOSR-JCE), April 2022, volume 24, Issue 2, pp 27-31
- Stella J., Aditi Pathare, Lance Dsouza and Swizal Dhanu, “Fruit Recognition Supremacy Using Raspberry-Pi”, International Conference on Computer and Engineering, Dec 2021, Volume 8, Issue 12, pp 1-4.

Book Chapter Publication details of faculty & students

- **Chhaya Narvekar:** Role of Multi-objective Optimization in Image Segmentation and Classification Book chapter accepted publishing awaiting CRC press Taylor & Francis.
- **Jaychand Upadhyay:** Integrated deep learning for self driving car, Artificial Intelligence for future generation robotics, July 2021, Elsevier Publication, ISBN: 978-0-323-85498-6
- **Chhaya Narvekar:** Ontology and Knowledge Graphs for Semantic Analysis in Natural Language Processing Book chapter accepted publishing awaiting CRC press Taylor & Francis

Training Programmes attended by faculty members

- Ms. Chhaya Narvekar attended FDP on Advanced Data structures and Algorithm organized by FRCRCIT, Vashi from 28th June to 2nd July 2021.
- Ms. Chhaya Narvekar attended online course on Introduction to Deep Learning organized by Great Learning in Aug 2021.
- Ms. Chhaya Narvekar attended Two-Day workshop on Improving Research & Performance Outcomes organized by Elsevier on 18-19th Aug 2021.
- Mr. Jaychand Upadyay attended ATAL workshop on Emerging Trends In Area Of Data Science outcomes organized by Atal-Institute Of Engineering And Technology, Mjp Rohilkhand University from 29th Nov to 3rd Dec, 2021.
- Ms. Meena Ugale attended a workshop on Deep Learning & its Applications organized by XIE, Mahim from 5th July to 10th July, 2021.
- Ms. Meena Ugale attended ATAL workshop on Leadership In Academic Excellence organized by Department of Computer Science and Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad from 29th Nov to 3rd Dec, 2021.
- Ms. Jyotsna More attended workshop on React JS organized by Department of Computer Science & Engineering in association with National Youth Council of India and Brainovision Solutions India Pvt. Ltd. from 5th July to 10th July 2021.
- Ms. Jyotsna More attended workshop on How to Exploit (Secure) Web Applications organized by AICTE -ATAL Academy and The NorthCap University from 26th to 30th July 2021.
- Ms. Jyotsna More attended Legal Awareness Webinar organized by WDC, XIE on 23rd Aug 2021.

Training Programmes attended by faculty members

- Ms. Martina D'souza attended workshop on React JS organized by Department of Computer Science & Engineering in association with National Youth Council of India and Brainovision Solutions India Pvt. Ltd. from 5th July to 10th July 2021
- Ms. Martina D'souza attended a workshop on Distributed & Cloud Technology organized by ATAL from 16th Aug to 20th Aug 2021
- Ms. Suvarna Arango attended International Short term training program on 'Advanced Applications in Artificial Intelligence and Machine Learning' organized by MMCOE and MMIT from 02nd Aug to 06th August 2021.
- Ms. Suvarna Arango attended workshop on Artificial Intelligence organized by AICTE- ATAL at Dr. Babasaheb Ambedkar Marathwada University from 20th Sept to 24th Sept 2021
- Ms. Sulochana Devi attended workshop on React JS organized by Department of Computer Science & Engineering in association with National Youth Council of India and Brainovision Solutions India Pvt. Ltd. from 5th July to 10th July 2021
- Ms. Sulochana Devi attended workshop on Cyber Security Vulnerabilities & Safeguards organized by National Institute of Technical Teachers Training & Research Chandigarh from 5th July-10th July 2021.
- Ms. Jaya Jeswani attended workshop on React JS organized by Department of Computer Science & Engineering in association with National Youth Council of India and Brainovision Solutions India Pvt. Ltd. from 5th July to 10th July 2021.
- Ms. Jaya Jeswani attended workshop on Advances of Artificial Intelligence and Machine Learning in Societal Development organized by Uttarakand Open University, AICTE, ATAL Academy from 16th Aug 2021 to 20th Aug 2021.
- Ms. Jaya Jeswani attended workshop on Recent trends in Computations organized by VIT, Pune from 19th July 2021 to 24th July 2021.

Training Programmes attended by faculty members

- Ms. Stella J. attended workshop on Embedded System Design Methodologies using Intel FPGA organized by Velammal College of Engineering and Technology, Madurai from 15th Dec 2021 to 17th Dec 2021.
- Ms. Stella J. attended workshop on Mobile Malware Analysis with Unsupervised Learning Methods using Python organized by Center for Cyber Intelligence on 30th Sept 2021.
- Ms. Stella J. attended FOP on Computer Network Security and Security Lab organized by Shah & Anchor Kutchhi Engineering College on 25th June 2021.
- Ms. Sayali Mane attended workshop on Building Efficiencies in Software Project Management by Integrating DevOps Tools organized by TSEC, Bandra from 5th July to 9th July, 2021.
- Ms. Sayali Mane attended workshop on Demystifying IoT security for Digital World organized by SAKEC ACM from 2nd Aug to 13th Aug 2021.
- Ms. Martina D'souza attended workshop on Web X.0 organized by IT Dept, XIE from 3rd Jan to 8th Jan 2022.
- Ms. Suvarna Aranjo attended workshop on Block Chain Technology-Applications, Issues and challenges organized by NIT, Warangal from 21st Feb 2022 to 2nd Mar 2022.
- Mr. Amit Narote attended workshop on Block Chain Technology-Applications, Issues and challenges organized by NIT, Warangal from 21st Feb 2022 to 2nd Mar 2022.
- Ms. Sulochana Devi attended workshop on Web X.0 organized by IT Dept, XIE from 3rd Jan to 8th Jan 2022.
- Ms. Jaya Jeswani attended workshop on Cyber Security and Ethical Hacking organized by XIE from 10th Jan 2022 to 15th Jan 2022
- Ms. Stella J. attended workshop on Flutter and PWA(Progressive Web Applications): Build Better Web Apps organized by Terna Engineering College from 03rd Jan 2022 to 08th Jan 2022.
- Ms. Stella J. attended FOP on MAD & PWA Lab organized by Terna Engineering College on 04th April, 2022.
- Ms. Stella J. attended workshop on Cyber Security and Ethical Hacking organized by XIE from 10th Jan 2022 to 15th Jan 2022.

Students' Academic Achievements

SE IT

| XIE Rank | Name of Student | CGPA |
|----------|-----------------|------|
| 1 | Anisha Prabhu | 10 |
| | Harsh Dalvi | |
| | Osama Shaikh | |
| 2 | Sudeep Poojary | 9.96 |
| | Merin Reji | |
| | Anshuman Sharma | |
| 3 | Waquir Ansari | 9.91 |
| | Trupti Pawar | |
| | Aradhana Singh | |



Students' Academic Achievements

TE IT

| XIE Rank | Name of Student | CGPA |
|----------|-------------------------------------|------|
| 1 | / Merciline Nancy Nixon Dhanam | 9.87 |
| | Yadav Anurag Devendra Rekha | 9.87 |
| 2 | Jinagouda Swaraj Tejpal Jyoti | 9.78 |
| 3 | Bhat Vinod Vaman Vanita | 9.74 |
| | Rege Mitesh Parimal Amruta | 9.74 |
| | Yennuwar Siddharth Vjay | 9.74 |
| 4 | Gupta Prathana Suresh Kumar Vandana | 9.61 |
| | Vira Nihar Kishor Meeta | 9.61 |
| 5 | Gupta Sonam Babulal Usha | 9.57 |



Merciline Nancy
CGPA: 9.87



Yadav Anurag
CGPA: 9.87



Jinagouda Swaraj
CGPA: 9.78



Bhat Vinod
CGPA: 9.74



Rege Mitesh
CGPA: 9.74



Yennuwar Siddharth
CGPA: 9.74



Gupta Prathana
CGPA: 9.61



Vira Nihar
CGPA: 9.61



Gupta Sonam
CGPA: 9.57

Students' Academic Achievements

BE IT

| XIE Rank | Name of Student | CGPA |
|----------|----------------------------------|------|
| 1 | Gharat Himanshu Mahendra Hemlata | 10 |
| 1 | Gupta Reetik Balgovind Radhika | 10 |
| 2 | Haider Farman Shabih Naaz | 9.96 |
| 3 | Dubey Shivam Awdhesh Anita | 9.85 |
| 3 | Patel Dixit Pravin Kalpana | 9.85 |

Subject Toppers - SE IT

| Sr. No. | Course Name | Student Name | Marks |
|---------|--|---------------------|-------|
| 1 | Engineering Mathematics-III | Osama Shaikh | 98 |
| 2 | Principle of communication | Krishna Garg | 95 |
| 3 | Data Structure and Analysis | Vanshika Shetty | 91 |
| 4 | Paradigm & Computer Programming Fundamental | Mahendra Chaurasiya | 92 |
| 5 | Database Management system | Trupti Pawar | 95 |

Students' Academic Achievements

Subject Toppers - TE IT

| Sr. No. | Course Name | Student Name | Marks |
|---------|--------------------------------------|----------------------------------|-------|
| 1 | Internet Programming | Khan Maseeh | 85 |
| 2 | Computer Network Security | Rege Mitesh Jawale Prathamesh | 92 |
| 3 | Entrepreneurship and E-Business | Ladhe Lekha | 88 |
| 4 | Software Engineering | Vira Nihar | 85 |
| 5 | Advance Data Management Technologies | Durgade Rushikesh | 88 |
| 6 | Advance Data Structure & Analysis | Gupta Sonam | 85 |

Subject Toppers - BE IT

| Sr. No | Course Name | Student Name | Marks |
|--------|-------------------------------|-----------------|-------|
| 1 | Artificial Intelligence | Gharat Himanshu | 89 |
| 2 | Enterprise Network Design | Jain Bhavin | 70 |
| 3 | Management Information system | Gharat Himanshu | 89 |
| 4 | Infrastructure Security | Gharat Himanshu | 72 |
| 5 | Soft Computing | Gharat Himanshu | 74 |

Placement Statistics

| Sr. No. | Student Name | Name of Employer | Package |
|---------|-------------------------------|------------------|----------|
| 1 | Baljot Singh Kohli | Quantiphi | 8.5 LPA |
| 2 | Adish Shivdikar | Brillio | 5 LPA |
| | | Capgemini | 4 LPA |
| 3 | Aditi Rajendra Pathare | Reliance JIO | 4 LPA |
| 4 | Ankur Foujdar | Adrosonic | 3.71 LPA |
| | | TCS Ninja | 3.36 LPA |
| | | Capgemini | 4 LPA |
| 5 | Arnav Awasthi | LTI | 5 LPA |
| 6 | Bhavin Jain | LTI | 5 LPA |
| 7 | Dhruv Shailesh Darji | Reliance JIO | 4 LPA |
| | | Capgemini | 4 LPA |
| 8 | Dixit Pravin Patel | Capgemini | 4 LPA |
| | | Infosys | 3.6 LPA |
| 9 | Faizan Shaikh | Reliance JIO | 4 LPA |
| 10 | Himanshu Gharat | Quantiphi | 8.5 LPA |
| 11 | Iqra Khatri | Quantiphi | 8.5 LPA |
| 12 | Ishwar Vodnala | TCS Ninja | 3.36 LPA |
| 13 | Jarvis Hillary Trinidade | TCS Ninja | 3.36 LPA |
| | | Adrosonic | 3.71 LPA |
| | | Xoriant | 5.5 LPA |
| | | Wipro | 3.5 LPA |
| 14 | Jay Panchal | Adrosonic | 3.71 LPA |
| | | TCS Ninja | 3.36 LPA |
| 15 | Karan Krishna Umredkar | Capgemini | 4 LPA |
| | | Adrosonic | 3.71 LPA |
| | | Infosys | 3.6 LPA |
| 16 | Mahipal Sundvesha | TCS Ninja | 3.36 LPA |
| 17 | Manish Kumawat | Wipro | 3.5 LPA |
| 18 | Manjeet Kagada | Reliance JIO | 4 LPA |
| 19 | Melisa Andrea Soans | Adrosonic | 3.71 LPA |
| | | Capgemini | 4 LPA |
| | | Wipro | 3.5 LPA |
| 20 | Merlyn Joseph Koonamparampath | Capgemini | 4 LPA |
| | | Reliance JIO | 4 LPA |

Placement Statistics

| | | | |
|----|-----------------------|-----------------|----------|
| 21 | Mihir Prasad Shirke | Capgemini | 4 LPA |
| 22 | Neil Pinto | Reliance JIO | 4 LPA |
| | | TCS Ninja | 3.36 LPA |
| 23 | Nimeesha Venkatavelu | Adrosonic | 3.71 LPA |
| | | Capgemini | 4 LPA |
| 24 | Nishant Bhatte | Reliance JIO | 4 LPA |
| | | Capgemini | 4 LPA |
| 25 | Pallav Savla | Quantiphi | 8.5 LPA |
| 26 | Pranay Patil | Reliance JIO | 4 LPA |
| 27 | Priya Soni | Reliance JIO | 4 LPA |
| 28 | Reetik Gupta | LTI | 6.5 LPA |
| | | Capgemini | 4 LPA |
| | | Xoriant | 8 LPA |
| 29 | Sachin Arvind Dwivedi | Capgemini | 4 LPA |
| | | Reliance JIO | 4 LPA |
| | | Xoriant | 5.5 LPA |
| | | TCS Ninja | 3.36 LPA |
| 30 | Sahil Desai | Quantiphi | 8.5 LPA |
| 31 | Savita Rajput | Infosys | 3.6 LPA |
| 32 | Shaikh Noor Alam | Brillio | 5 LPA |
| 33 | Sharan Ashok Shetty | Capgemini | 4 LPA |
| | | TCS Ninja | 3.36 LPA |
| | | Wipro | 3.5 LPA |
| 34 | Sheldon Noronha | TCS Ninja | 3.36 LPA |
| | | Capgemini | 4 LPA |
| 35 | Shreekunj Varia | Xoriant | 5.5 LPA |
| 36 | Aakash Rathod | Zensung | 5.4 LPA |
| 37 | Aditya Jagtap | Newfold Digital | 3 LPA |
| 38 | Chandrakant B. Thakur | Fintoo | 5 LPA |
| 39 | Ishwar Vodnala | TCS Ninja | 3.36 LPA |
| 40 | Radhika Vichare | Evosys | 3.6 LPA |

Placement Statistics

| | | | |
|----|---------------------|------------------------------------|----------|
| 41 | Farman Haider | NeoSoft | 3.6 LPA |
| | | Zensung | 6 LPA |
| 42 | Suraj Rane | Wipro | 3.5 LPA |
| | | Capgemini | 4 LPA |
| 43 | Swizal Dhanu | RSM Astute Consulting Pvt. Ltd. | 2.64 LPA |
| 44 | Vikas Gupta | Quantiphi | 8.5 LPA |
| 45 | Vipul Kashyap | LTI | 6.5 LPA |
| | | Capgemini | 4 LPA |
| 46 | Vivek Prajapati | Reliance JIO | 4 LPA |
| | | Infosys | 3.6 LPA |
| | | Wipro | 3.5 LPA |
| 47 | Yash Anil Mistry | Capgemini | 4 LPA |
| | | Adrosonic | 3.71 LPA |
| 48 | Zara Fatima Qureshi | Capgemini | 4 LPA |
| | | Reliance JIO | 4 LPA |
| | | Xoriant | 5.5 LPA |
| | | TCS Ninja | 3.36 LPA |



TEDxXIE 2022

- This year's event TEDxXIE 2022 was the seventh edition of TEDxXIE. It had the theme "Infinitus" which is the Latin word for limitless. Like the theme suggests the event had talks and speakers from all backgrounds and the flow of ideas was truly limitless.
- The event was held on 12th March from 3pm to 6pm on the Airmeeet platform.
- The organiser and licensee for the event was Arya Sarada from BE IT. The mentor for the event was Ms. Suvarna Aranjó (Assistant Professor, IT Department).



TEDxXIE 2022



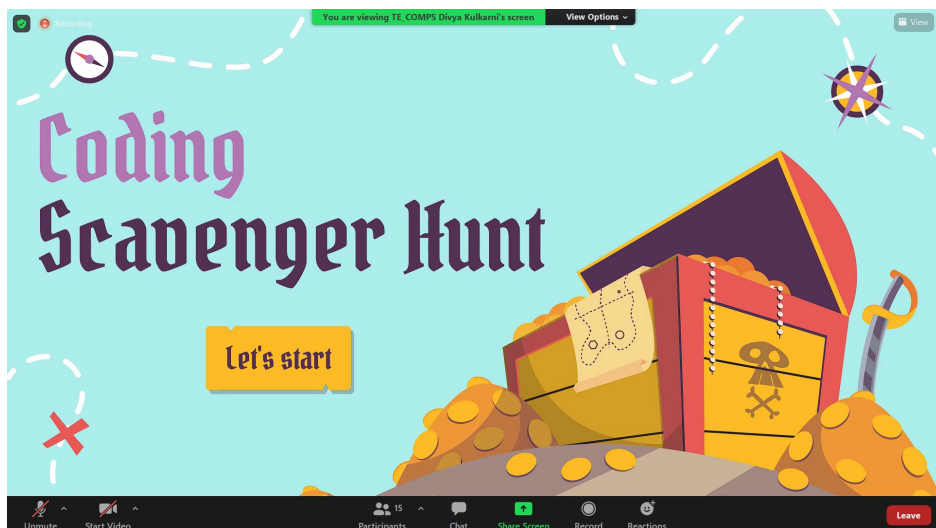
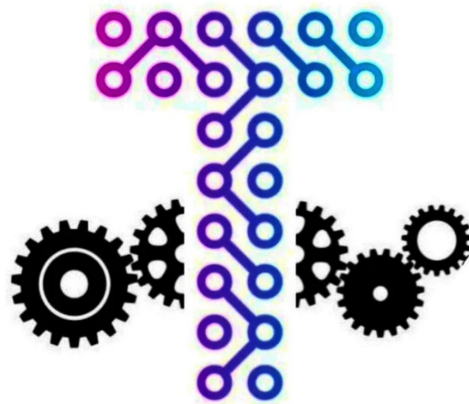
Spandan 2022

- This year's Spandan which is the cultural fest of XIE was organised successfully with a range of competitions like fashion show, dance competition, photography competition amongst others were held. Participants ranged from Xavierites to students from colleges all around the city.
- The event was held on 22nd Feb to 27th Feb online on various platforms.
- The fest was organised by the student council under the leadership of Chinmayee Patil (Cultural Secretary) from BE COMPS.



Transmission 2022

- This year's Transmission which is the technical fest of XIE was organised successfully with a range of competitions like coding marathon, virtual treasure hunt, COD tournament amongst others were held. Participants ranged from Xavierites to students from colleges all around the city.
- The event was held on 22nd Feb to 27th Feb online on various platforms.
- The fest was organised by the student council under the leadership of Divya Kulkarni (Technical Secretary) from BE COMPS.



NSS Activities 2021-2022

- This academic year's National Service Scheme chapter of XIE successfully organised and participated in a lot of social events for the benefit of the community.
- Activities like blood donation drive and tree plantation were conducted offline and some online activities were conducted too.
- The activities were held throughout the academic year at different locations and timings.



Co-Curriculars

| Sr. No. | Name | Document | Organizing Body | Date |
|---------|---------------------------------|---------------------------|--|-----------|
| 1 | Aditi Rajendra Pathare | Participation Certificate | Bangalore Institute of Technology | 01-Jul-21 |
| 2 | Dixit Patel | Participation Certificate | Bangalore Institute of Technology | 01-Jul-21 |
| 3 | Manish Kumavat | Participation Certificate | Bangalore Institute of Technology | 01-Jul-21 |
| 4 | Melisa Andrea Soans | Participation Certificate | Bangalore Institute of Technology | 01-Jul-21 |
| 5 | Sharan Shetty | Participation Certificate | Bangalore Institute of Technology | 01-Jul-21 |
| 6 | Shrineeth Vishwanath Kotian | Participation Certificate | Bangalore Institute of Technology | 01-Jul-21 |
| 7 | Vaibhav Mahesh Murari | Participation Certificate | Bangalore Institute of Technology | 01-Jul-21 |
| 8 | Ajit Anirudha Jena | Internship Certificate | Shah & Anchor Kutchhi Engineering College | 02-Jul-21 |
| 9 | Frason Francis | Participation Certificate | Vizathon | 01-Aug-21 |
| 10 | Melisa Andrea Soans | Appreciation Letter | Kyriion Technologies | 02-Aug-21 |
| 11 | Berlius Pereira | Participation Certificate | Xavier Institute of Engineering | 07-Aug-21 |
| 12 | Ajit Anirudha Jena | Internship Letter | Tejyash Cyber Solutions | 08-Aug-21 |
| 13 | Pratik Bhadane | Internship Letter | Tejyash Cyber Solutions | 08-Aug-21 |
| 14 | Sonam Gupta | Internship Certificate | RSVI | 10-Aug-21 |
| 15 | Sonam Babula Gupta | Internship Letter | Youth India Foundation | 04-Sep-21 |
| 16 | Shubham Sampat Bhattad | Internship Certificate | Brain O Vision | 15-Sep-21 |
| 17 | Prathamesh Jawale | Participation Certificate | Xavier Institute of Engineering | 31-Oct-21 |
| 18 | Vanraj Pardeshi | Internship Certificate | Hamari Pahchan | 19-Nov-21 |
| 19 | Johan Pochampally | Participation Certificate | Xavier Institute of Engineering | 06-Dec-21 |
| 20 | Anurag Sunil Singh | Internship Letter | Arohi | 07-Dec-21 |
| 21 | Aditi Rajendra Pathare | Participation Certificate | National Institute of Engineering and Research | 11-Dec-21 |
| 22 | Aditya Shailesh Bohade | Internship Certificate | Younity.in | 16-Dec-21 |
| 23 | Mitesh Rege | Internship Certificate | Younity.in | 01-Jan-22 |
| 24 | Ansari Mohammed Waqiu Rahman | Internship Certificate | CMP Infotech | 05-Jan-22 |
| 25 | Johan Pochampally | Internship Certificate | CMP Infotech | 05-Jan-22 |
| 26 | Shubham Palav | Internship Certificate | CMP Infotech | 05-Jan-22 |
| 27 | Vanraj Pardeshi | Internship Certificate | CMP Infotech | 05-Jan-22 |

Co-Curriculars

| | | | | |
|----|------------------------------|---------------------------|---|-----------|
| 28 | Anurag Sunil Singh | Participation Certificate | Xavier Institute of Engineering | 15-Jan-22 |
| 29 | Shubham Kiran Pole | Participation Certificate | Xavier Institute of Engineering | 15-Jan-22 |
| 30 | Vanishka Shetty | Participation Certificate | Xavier Institute of Engineering | 15-Jan-22 |
| 31 | Shubham Kiran Pole | Participation Certificate | Xavier Institute of Engineering | 24-Jan-22 |
| 32 | Thanga Selva Perumal | Participation Certificate | Xavier Institute of Engineering | 24-Jan-22 |
| 33 | Ajit Anirudha Jena | Internship Letter | Trapdoor Services | 12-Mar-22 |
| 34 | Merlyn Koonamparampath | Publication Certificate | iJRASET | 15-Mar-22 |
| 35 | Himanshu Gharat | Participation Certificate | Xavier Institute of Engineering | 25-Mar-22 |
| 36 | Pallav Savla | Participation Certificate | Xavier Institute of Engineering | 25-Mar-22 |
| 37 | Reetik Gupta | Participation Certificate | Xavier Institute of Engineering | 25-Mar-22 |
| 38 | Ansari Mohammed Waqur Rahman | Completion Certificate | The Institution of Engineering and Technology | 27-Mar-22 |
| 39 | Bharat Kumar Gupta | Completion Certificate | The Institution of Engineering and Technology | 27-Mar-22 |
| 40 | Vanraj Pardeshi | Completion Certificate | The Institution of Engineering and Technology | 27-Mar-22 |
| 41 | Ajit Anirudha Jena | Internship Certificate | Kanishka Software | 04-Apr-22 |
| 42 | Himanshu Gharat | Appreciation Certificate | St. Francis Institute of Technology | 04-Apr-22 |
| 43 | Pallav Rohit Savla | Appreciation Certificate | St. Francis Institute of Technology | 04-Apr-22 |
| 44 | Reetik Gupta | Appreciation Certificate | St. Francis Institute of Technology | 04-Apr-22 |
| 45 | Melisa Andrea Soans | Publication Certificate | iJRASET | 15-Apr-22 |
| 46 | Ajit Anirudha Jena | Achievement Certificate | Xavier Institute of Engineering | 22-Apr-22 |

Extra-Curriculars

| Sr. No. | Name | Event | Organizing Body | Date |
|---------|-------------------------------------|--|--|-----------|
| 1 | Kushboo Chaudhari | Hindi Editor | Xavier Institute of Engineering | 01-Jul-21 |
| 2 | Nancy Merciline | Career Guidance | Xavier Institute of Engineering | 07-Aug-21 |
| 3 | Manjiri Tare | Legal Awareness Webinar | Xavier Institute of Engineering | 23-Aug-21 |
| 4 | Vanraj Pardeshi | NSS Foundation Day Quiz Contest | Bhavan's College | 24-Sep-21 |
| 5 | Frason Kalapurackal | Climate Change and Disaster Management Related Challenges in Polar Regions | National Institute of Disaster Management | 29-Sep-21 |
| 6 | Ishika Shinde | Slogan Writing Competition | Xavier Institute of Engineering | 02-Oct-21 |
| 7 | Manish Kumar Jitendra Kumar Jaiswar | Seminar organised by Student Council 2021-22 | Xavier Institute of Engineering | 02-Oct-21 |
| 8 | Manish Jaiswar | A Key to Mental Health | Xavier Institute of Engineering | 16-Oct-21 |
| 9 | Jeevan Varghese | Online Chess Tournament | Xavier Institute of Engineering | 17-Oct-21 |
| 10 | Aditya Prakash Jagtap | Mission Olympic Skating State Championship 2021 | Mission Olympic State Championship 2021 | 28-Nov-21 |
| 11 | Thanga Selva Perumal | 66th Maharashtra State Junion Ball-Badminton Championship | The Maharashtra Ball-Badminton Association | 02-Jan-22 |
| 12 | Rishika Tripathi | Sony Liv's Launch Campaign for cubicles: Season 2 | Sony LIV | 15-Jan-22 |
| 13 | Aditya Prakash Jagtap | Mission Olympic Skating State Championship 2021 | Mission Olympic State Championship 2021 | 16-Jan-22 |
| 14 | Vanraj Pardeshi | Rapid Thinker | Xavier Institute of Engineering | 22-Jan-22 |

Self Learning

| Sr. No. | Name | Event | Organizing Body | Date |
|---------|-----------------------------|---------------------------------------|---|-----------|
| 1 | Melisa Andrea Soans | Data Science Course | Technophilia Summer Training | 01-Jun-21 |
| 2 | Kushboo Chaudhari | Learning Python | LinkedIn Learning | 07-Jul-21 |
| 3 | Kushboo Chaudhari | HTML Essential Training | LinkedIn Learning | 07-Jul-21 |
| 4 | Siddharth Vijay Yennuvar | ReactJS | Universal College of Engineering | 10-Jul-21 |
| 5 | Prathmesh Rajesh Jawale | ReactJS | Universal College of Engineering | 10-Jul-21 |
| 6 | Dhruyash Sanjaykumar Mahale | ReactJS | Universal College of Engineering | 10-Jul-21 |
| 7 | Anurag Devendra Yadav | ReactJS | Universal College of Engineering | 10-Jul-21 |
| 8 | Sonam Gupta | ReactJS | Universal College of Engineering | 10-Jul-21 |
| 9 | Chris Gonsalves | ReactJS | Andhra Loyola Institute of Engineering & Technology | 10-Jul-21 |
| 10 | Berlius Pereira | ReactJS | Andhra Loyola Institute of Engineering & Technology | 10-Jul-21 |
| 11 | Kushboo Yogiraj Chaudhari | ReactJS | Andhra Loyola Institute of Engineering & Technology | 10-Jul-21 |
| 12 | Aman Khaki | ReactJS | AVIT | 10-Jul-21 |
| 13 | Shivam Vinod Mishra | ReactJS | Andhra Engineering College | 10-Jul-21 |
| 14 | Vishal Chennuri | ReactJS | BRAINOVISION | 10-Jul-21 |
| 15 | Shubham Jayprakash Palav | ReactJS | BRAINOVISION | 10-Jul-21 |
| 16 | Rahul Murugesan | ReactJS | BRAINOVISION | 10-Jul-21 |
| 17 | Pratik Narendra Bhadane | ReactJS | BRAINOVISION | 10-Jul-21 |
| 18 | Vishal Singh | ReactJS | BRAINOVISION | 10-Jul-21 |
| 19 | Vikram Shrinivas Chennuri | ReactJS | BRAINOVISION | 10-Jul-21 |
| 20 | Swaraj Jinagouda | ReactJS | BRAINOVISION | 10-Jul-21 |
| 21 | Merlyn Koonamparampath | Deep Learning and its Applications | Xavier Institute of Engineering | 10-Jul-21 |
| 22 | Shubham Jayprakash Palav | Deep Learning and its Applications | Xavier Institute of Engineering | 10-Jul-21 |
| 23 | Kushboo Chaudhari | The Fundamentals of Digital Marketing | Google Digital Garage | 10-Jul-21 |
| 24 | Shubham Sampat Bhattad | 5 Days Workshop on Web Development | BRAINOVISION | 16-Jul-21 |

Self Learning

| | | | | |
|----|---|---|---------------------------------|-----------|
| 25 | Aditi Rajendra Pathare | How to Build Chatbots | Cognitive Class | 19-Jun-21 |
| 26 | Kushboo Yogiraj Chaudhari | Search Engine Optimization (SEO) with Squarespace | Coursera | 23-Jul-21 |
| 27 | Prathmesh Jawale | Machine Learning and Its Applications | Xavier Institute of Engineering | 26-Jul-21 |
| 28 | Asim Dakhway | Technical Support Fundamentals | Google | 27-Jul-21 |
| 29 | Pratik Bhadane | Bootstrap & jQuery - Certification Course for Beginners | Udemy | 28-Jul-21 |
| 30 | Manish Kumar Jitendra Kumar Jaiswar | 3 days workshop on C Programming | BRAINOVISION | 29-Jul-21 |
| 31 | Caleb Felix | Using Python to Interact with the Operating System | Coursera | 01-Aug-21 |
| 32 | Pratik Bhadane | HTML, CSS & JavaScript - Certification Course for Beginners | Udemy | 05-Aug-21 |
| 33 | Pratik Narendra Bhadane | Front-End Web UI Frameworks and Tools: Bootstrap 4 | Coursera | 09-Aug-21 |
| 34 | Pratik Bhadane | The Python Developer Essentials 2021 Immersive Bootcamp | Udemy | 18-Aug-21 |
| 35 | Shivam Vinod Mishra | Java for Android | Coursera | 21-Aug-21 |
| 36 | Siddharth Yennuvar | Introduction to HTML5 | Coursera | 08-Sep-21 |
| 37 | Swaraj Jinagouda | Image Processing using opencv Python | Xavier Institute of Engineering | 17-Sep-21 |
| 38 | Shubham Palav | Image Processing using opencv Python | Xavier Institute of Engineering | 17-Sep-21 |
| 39 | Manish Jaiswar | Image Processing using opencv Python | Xavier Institute of Engineering | 17-Sep-21 |
| 40 | Sonam Gupta | Image Processing using opencv Python | Xavier Institute of Engineering | 17-Sep-21 |
| 41 | Vanraj Pardeshi | IBM SkillsBuild Micro Innovation Camp on Data Analytics | IBM SkillsBuild, CSRBOX | 18-Sep-21 |
| 42 | Vanraj Pardeshi | Java Programming: Solving Problems with Software | Coursera | 21-Sep-21 |
| 43 | Sonam Gupta | Agile Meets Design Thinking | Coursera | 01-Oct-21 |
| 44 | Vishal Singh | Scrum Master Certification: Scaling Agile and the Team-of-Teams | Coursera | 12-Oct-21 |
| 45 | Ansari Mohammad Waqiu Rahman Mohammad Rafiur Rahman | Introduction to Programming using Python | Microsoft | 18-Oct-21 |

Self Learning

| | | | | |
|----|-------------------------------------|---|---------------------------------|-----------|
| 46 | Shubham Jayprakash Palav | Introduction to Programming using Python | Microsoft | 18-Oct-21 |
| 47 | Vanraj Suresh Pardeshi | Introduction to Programming using Python | Microsoft | 18-Oct-21 |
| 48 | Trupti Chandrakant Pawar | Introduction to Programming using Java | Microsoft | 20-Oct-21 |
| 49 | Shubham Jayprakash Palav | Introduction to Programming using Java | Microsoft | 20-Oct-21 |
| 50 | Anne Christina | Introduction to Programming using Java | Microsoft | 20-Oct-21 |
| 51 | Sudeep Sadashiv Poojari | Introduction to Programming using Java | Microsoft | 20-Oct-21 |
| 52 | Wincy Mispa Rajan | Introduction to Programming using Java | Microsoft | 20-Oct-21 |
| 53 | Manjaly Jeevan Varghese | Introduction to Programming using Java | Microsoft | 20-Oct-21 |
| 54 | Manish Kumar Jitendra Kumar Jaiswar | Database Administration Fundamentals | Microsoft | 21-Oct-21 |
| 55 | Manish Kumar Jitendra Kumar Jaiswar | Database Fundamentals | Microsoft | 21-Oct-21 |
| 56 | Johan Pochampally | Database Administration Fundamentals | Microsoft | 21-Oct-21 |
| 57 | Prithvi Badipuram | Learn Database Design With Mysql: Introduction | upGrad | 02-Nov-21 |
| 58 | Shubham Jayprakash Palav | Java Swing Desktop App with CRUD Operations Using MySql | Udemy | 21-Nov-21 |
| 59 | Merin Regi | Introduction to Programming using Python | Microsoft | 04-Dec-21 |
| 60 | Shetty Vanshika Suresh | Introduction to Programming using Java | Microsoft | 04-Dec-21 |
| 61 | Shubham Jayprakash Palav | Software Development Fundamentals | Microsoft | 12-Dec-21 |
| 62 | Shubham Sampat Bhattad | Azure AI Fundamentals | Microsoft | 12-Dec-21 |
| 63 | Vanraj Pardeshi | SQL and Relational Databases 101 | Cognitive Class | 19-Dec-21 |
| 64 | Vanraj Pardeshi | Master Data Management for Beginners | tcs iON | 07-Jan-22 |
| 65 | Sonam Gupta | CSS Course | SOLO LEARN | 24-Jan-22 |
| 66 | Aditi Rajendra Pathare | Internet of Things with Texas Instruments MSP4321 Launchpad | Xavier Institute of Engineering | 28-Feb-22 |

Self Learning

| | | | | |
|----|-------------------|---|-------------------|-----------|
| 67 | Jarvis Trinidad | Learning Responsive Web Design in the Browser | LinkedIn Learning | 07-Mar-22 |
| 68 | Jarvis Trinidad | Accessibility for Web Design | LinkedIn Learning | 16-Mar-22 |
| 69 | Jarvis Trinidad | Css Essential Training | LinkedIn Learning | 21-Mar-22 |
| 70 | Jarvis Trinidad | Javascript Essential Training | LinkedIn Learning | 27-Mar-22 |
| 71 | Avinash Prajapati | Data Structures & Algorithms, Level-upfor Coding Interviews | Udemy | 29-Apr-22 |