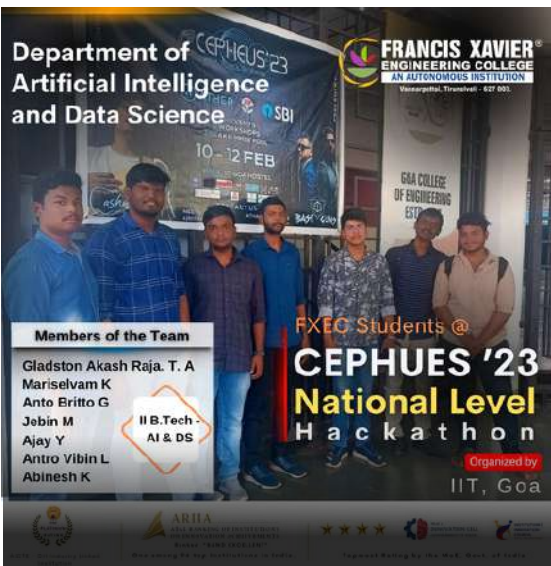
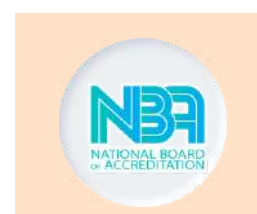




### FXEC RANKINGS AND AWARDS



### INDUSTRIAL VISIT



The students of III year Civil Engineering department visited the construction site in Nazareth.

The objective of the site visit was to provide students with the practical knowledge of the various structural mechanisms involved in making of steel structure thereby leading to better understanding of the course taught in the classroom. Students interacted with the professionals at the site. They gave a brief explanation about the various Steel Structural Joints used for various processes like detailed overview and working of machines like Bolted connection, Welded connection, Riveted steel connection etc. The workers also explained about the various components and safe handling of the Structural elements. The students understood various techniques of welding used for various orientation of jobs (structures), and they were also given an onsite experience of welding. A new instrument used for leveling the steel section was also introduced to the students. They also explained the reason behind the selection of a particular type of member (sections) used in structures present there.

Mr.S.Vivek, AP/CIVIL accompanied the students during the visit.

### Guest Lecture on Assertive Communication Techniques



Being Assertive in Communication is one of the predominant soft skills that needs to be mastered by the young graduates of today. The faculty of English arranged for an academic extensional guest lecture session on 9th & 10th February 2023 titled "Assertive Communication Skills" in APJ Auditorium. Er. Esli Ayeetus, (Alumnus Batch 2020) Manager, Retail Industry, William Hill, London was invited as the guest speaker. The session was found interesting and interactive. A total of 245 students attended the session and were benefited through this two days program. The Guest lecture was coordinated by Mrs. Shala F John, AP/English and Ms. Thamizh Paavai, AP/English.

### Support to unleash the potential of the next-gen technocrats

Students of Data Science Industrial Applied Lab participate in "SHAASTRA 2023"- A Mega Project Expo organized by IIT, Madras



Syed Zakriya, Selva Boopathy of II B.Tech AI & DS and Narendran of II CS&BS during their Presentation



**KANAGALAKSHMI M, MBA**  
In a great move to provide the best platform and encourage the students to exhibit their innovative ideas in the form of working models

and prototypes, 19 state-of-the-art Industrial Applied Labs have been established at FXEC. The members of the Industrial Applied Labs work with a great spirit in the development of products, incorporating the newest

tools and technologies to provide solutions to the technical issues faced by the society. Recently, the students of Data Science Industrial Applied Lab Syed Zakriya,

Selva Boopathy of II B.Tech AI & DS and Narendran of II CS&BS participated in "SHAASTRA 2023"- A Mega Project Expo organized by IIT, Madras and presented their project - titled "Signifies Sign Language"

The team was mentored by Mrs. Arunadevi M, AP/AI&DS, in-charge of Data Science Industrial Applied Lab. The participants were appreciated by the Head of the Department and the higher officials of the Institution.

### Alumni Interaction to build strong relationship between the students and alumni



**STELLA D, II CSE B**  
Department of Master of Computer Application organized a talk on "Young Alumni Achievers Meet". Mr. S. Clinton, Mr. C. Muthu Kumar, Mr. S. Ulaganathan a

nd Mr. T. Vinoth (2020 Batch Alumni), working as software Developers in various Industries delivered the talk and motivated the students with regard to the

choice of career path and jot out the list of steps to take in the professional life for progressing into different or more advanced roles at work.

### FXEC Students @ CEPHUES'23 National Level Hackathon

Organized by IIT Goa



A team of students from II year B.Tech - Artificial Intelligence and Data Science Department - Gladston Akash Raja T A, Mariselvam K, Anto Britto G, Jebin M, Ajay Y, Antro Vibin L and Abinash K developed a "Machine learning based

solution for bacterial attack to humans through animals" and presented the same in the "National level Hackathon" - CEPHUES'23 conducted at Indian Institute of Technology, (IIT) GOA

The team won the fifth prize in the event. The team was mentored by Dr.A. Anitha, HOD/AI& DS. The students were appreciated by Dr.K.Jeyakumar, General Manager Development, Mr.Krishna Kumar- Asst.General Manager, Director- Applied labs, Dr. .Velmurugan, Principal.

### Seminar on Funding Prototypes through EDII Innovation Voucher Program

**MAHABOOB WASHIFA M, MBA**

A seminar on "Funding prototypes through EDII Innovation Voucher Program" was organized by the Entrepreneurship Development Cell and IIC in association with the Department of Computer Science and Engineering. The Session was handled by Ms. M. Dharshini of III CSE A, Francis Xavier

Engineering College, Tirunelveli. The session was coordinated by IIC Convener Dr. Y. Harold Robinson, Associate Professor, Department of Computer Science and Engineering, FXEC. The students from the second year CSE Department participated in the program. The speaker inspired students to understand and obtain new exposure by sharing the unique start-up experiences.

Further, the Resource person shared the details about the Udhayam Registration process and the importance of Innovation Voucher Program. Then she gave details on receiving funds for the projects. The speaker also conveyed fundamental concepts in the following fields, such as data science, Internet of Things & full stack web development. The EDII aims to enhance the spirit of entrepreneurship



and the levels of skills by opening various sustainable entrepreneurial paths and accelerating systems for entrepreneurship. The resource person also discussed the value of

patents and how they are utilized to safeguard start-up ideas and complete guide to resume building. A total of 41 students and 2 staff members participated in the program.

### Guest Lecture on Agile Processing

**Department of MCA**  
A guest lecture was organized for MCA students on "Agile Processing". Mr. S. Clinton (2020 Batch Alumni), Software Developer, Quantler Technologies, Tirunelveli was the Resource Person.



**"Bitathon" - A data analytics and mining championship**  
A team of students from II year B.Tech - Artificial Intelligence and Data Science Department Manakavoo Shivabalaji and Dhanush Sivarajan, participated in BITATHON - a data analytics and mining championship conducted at Goa Institute of Management. The problem

statement was released by SAS on the day of the hackathon. The coding language or platform to tackle the problem statement was at the discretion of the participants. The students actively participated in contest and were placed in the top 30 among the total of 728 teams participated in the event.



### Expert Talk

Move towards creating Entrepreneurs to accelerate the Economic growth of the nation



An Expert Talk on "Entrepreneurial Opportunities through Online Marketing of Herbal products" was organized by the Entrepreneurship Development Cell and IIC in association with the Department of Electronics and Communication Engineering. This event was conducted under the guidance of Dr.Lourdes Poobala Rayen, EDC Director.

### Honing the students with the procedure of examining the software development process to prevent possible defects and ensure the quality of products



A Seminar on "Software Quality Assurance" was conducted by the Department of Computer Science and Engineering. Mr. Rajesh Rajadurai, Senior Quality Assurance Analyst, Infor, Minnesota, United States of America was the Resource Person.

### Guest Lecture by the Alumnus on Angular JS - a structural framework for dynamic web applications

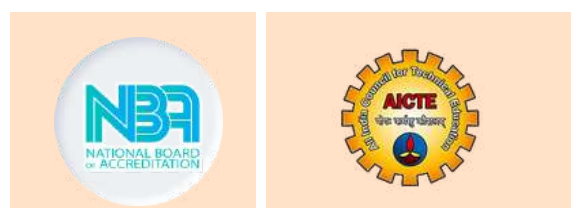


The Department of Computer Science and Business Systems conducted a Guest Lecture on Angular JS. Er. Asruthen, (Alumnus) System Engineer, Infosys, Bangalore, handled the session. The resource person dealt with Front-end and back-end interaction related software, Importance of Angular JS in web development, Features of Angular JS, and talked on the various Career opportunities for CSBS students when they get graduated.





## FXEC RANKINGS AND AWARDS



## Workshop on "Entrepreneurial Opportunities in Recent Innovative Construction Techniques"

KANAGALAKSHMI M, I MBA



A workshop was organized on "Entrepreneurial Opportunities in Recent Innovative Construction Techniques" by the Entrepreneurship Development Cell of FXEC Tirunelveli, Institution's Innovation Council in association with the Civil Engineering Department. Mr. P. Krishna Kumar, Assistant Professor, Department of Civil Engineering, FXEC, Tirunelveli was the guest speaker. A total of 45 III year civil engineering students attended the session. The session was coordinated by Mrs. P. Raja Priya, Assistant Professor, Department of Civil Engineering. The speaker started the session

by explaining about the precast construction techniques and the recent innovations in it. Precast concrete is an alternative to cast-in-situ concrete. While cast-in-situ concrete is cast in its actual location, precast concrete is cast at another location, either at the building site or in a factory, and is then lifted to its final resting place and fixed securely.

This means that unlike cast-in-situ construction, which is monolithic or continuous, precast concrete buildings are made of separate pieces that are bolted or connected together. The speaker added a note that this type of construction will be more economical in case of housing projects with identical apartments because wall and floor slabs for all the

apartments could be precast and then they should be lifted into the place and connected. The speaker also showed the images of different precast units and further added that if a precasting yard is to be created, space must be laid out for the following activities such as Storing the raw materials such as cement, aggregate, sand, admixtures,

reinforcement bars and steel or plywood sheets for formwork, a formwork making and maintenance yard, a concrete mixing plant, a steel reinforcement yard to make rebar cages to be placed inside the concrete, a casting area, a curing area and a stacking area for finished components. He also added that lots of scope is available for the precast construction sector for

entrepreneurs to set up the precast units for the construction industry across India. By resorting to precast, project completion time lines will be realized faster than the cast in-situ and saves time by 40 to 50 per cent, which will automatically save cost on the project with reduced overheads.

## Guest Lectures



A guest lecture on the topic "Application of cloud tools in Industries" by the department of Information Technology. Mr. Satheesh, and Mr. Mohamed Azarudeen, Azure Developer, DevOps Engineer Expert, ATOS Syntel, Gangaikondan were the resource persons.



MATLAB is a high-performance language for technical computing. It integrates computation, visualization, and programming in an easy-to-use environment where problems and solutions are expressed in familiar mathematical notation.



From 13.02.2023 to 16.02.2023, Industrial Automation Applied Lab conducted special initiative skill training on Simulation practice on Matrix laboratory to II year students from various engineering departments.

## Seminar on "How to enhance the Communication Skill?" DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Mrs. Anna Rajesh, Language Trainer, Minnesota

JAITHOON REHANA M P K, I MBA

The ability to communicate effectively is a key skill that students need to possess in order to excel in life. Communication skills help students to deliver their message effectively. Taking this important factor into account, Department of Electronics and Communication Engineering, organized a Seminar on the topic "How to Enhance the Communication Skill" Mrs. Anna Rajesh, Language Trainer, an US Based Academy, from Minnesota,



The United States of America was the Resource Person. The session was presided by Mrs. Friska HOD/ECE.

Mrs. Anna Rajesh, Language Trainer, Minnesota explained the needs of Communication Skill & insisted the students to update their communication skills by listening to music, listening to

audio tracks of any books/novels, chatting with other persons in English. She further added that the students shall follow various innovative ways to enhance their language skill. The resource person interacted with the students about their career goal & she explained how to work on it and motivated the students towards language skill set enhancement, so that they will also be able to make a solid foundation for a prosperous career ahead.

A total of 55 III year ECE students participated. The



program was jointly coordinated by Mrs.E.Francy Irudaya Rani, AP/ECE, Mr.T.Pradeep T Rajan, AP/ECE.

With a great motive to enhance the communicative skills of the students, Department of Electronics and Communication Engineering organized an interactive session with Mrs. Anna Rajesh, Language Trainer, Minnesota.



## Events



The Youth Red Cross Wing of FXEC organized a Dental Check-up Camp in association with CSI Rhenius Hospital. The YRC wing of FXEC is indebted to thank the team from CSI Rhenius Hospital for their support.

## Manuscript Editors

- Stella D, II CSE B
- Mahaboob Washifa M, I MBA
- Jaithoon Rehana M P K, I MBA
- Kanagalakshmi M, I MBA

## Sports

### Students of FXEC win laurels in TN CM TROPHY 2023



In the recently conducted TN CM TROPHY 2023 Divina Godvia Violet .R of III CSE and Nithya Sri Abirami. S of III EEE secured the second place in Table Tennis (Doubles). Jeyantha Rinna of II EEE secured the second place in - Badminton (Singles). The Cricket team with the members from various

departments won the first place. Jeyantha Rinna of II EEE and Janu Anbumani of III ECE secured the second place in Badminton (Doubles). The students were appreciated by the principal and the other officials of the college.

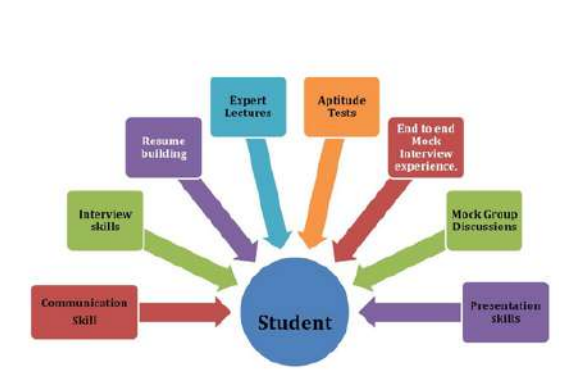
### 16th Inter-State Level Sepak Takraw Tournament

STELLA D, II CSE B

In the recently conducted 16th Inter-State Level Sepak Takraw Tournaments, the students of FXEC Natarajan R of II B.Tech AI&DS won the second place Silver in Senior Regu and won Bronze in Senior Quadrant. Padmanaban K of II B.E Mech won the second place in Senior Quadrant held at PSG College of Technology.



## Alumni Interaction



Department of Information Technology organized a "Alumni Talk" for III year students. Mr. Satheesh, Devops Engineer, ATOS Syntel, discussed the importance of placement and answered questions on the 2-5 year corporate bond.