



Highlights of the Week

Placement Drives



A Mega placement drive was conducted in the campus by mobius on 7th September 2022.

Wall Painting



A picture is worth a thousand words. With a picture, you can convey so much more information than you can with words. It can instantly change your mood and leave impressions much faster and much more accurately than words can. With a view to create a positive ambience inside the campus, a wall painting was done by a group of students S.Sathish, R.Jeffrey Medwin, A.Mohamed Kasali Riswanm, V.Vishnu, J.Rahul Kumar, G.Harris from III Year CSE near the College gate. The students were appreciated by the Management, Principal, Campus Manager, HOD and Faculty members.

World Nature Conservation Day!



A tree-sapling event commemorating the World Nature Conservation Day was organized by the Youth Red Cross Wing of Francis Xavier Engineering College. Dr. V. Velmurugan, the college's principal, and the YRC Vounteers planted the Saplings.



FXEC CIVIL ENGINEERING STUDENTS WIN THE FIRST PRIZE: SMART INDIA HACKATHON 2022

Architecture and Design Applied Lab students presented the project in Smart India Hackathon 2022 held at Pandit Deendayal Energy University .

LUMINA JOAN, II ECE A

Francis Xavier Engineering College (Autonomous) has been in the forefront in creating next-gen engineering professionals with in-demand professional skills through the well established 20 Industrial Applied Labs.

In the Smart India Hackathon 2022 organized by the Ministry of Education's Innovation Cell (MIC) two teams from FXEC participated - one team from the Data Science Applied Lab and another team from Architecture and Design Applied Lab. Both the teams were selected for the grand finale organized at Pandit Deendayal Energy University and Gujarat Technological University. The members of the Architecture and Design Applied Lab P. Karthick

KRaja, P.Ronaldo Sam, P. Suresh Raj, S.Manju of IV Civil and P.Manoj Kishor and S.Jemima Giftaof III Civil mentored by Prof. Sumil Kumaran, Assistant Professor, Department of Civil Engineering presented the project for the problem statement No. GS 909 - "High Resolution 3D Terrain and Infrastructure, Road Travel Condition in Disaster Struck Areas" and won the first prize with the cash award of Rs 1,00,000 (1 Lakh). Dr. Cletus Babu, Chairman, SCAD Group of Institutions, Mr. Arun Babu, Managing Director, SCAD Group of Institutions, Dr. K. Jeyakumar, General Manager (Development), Mr. Krishnakumar, General Manager (Administration) and Dr. V. Velmurugan, Principal congratulated the winners.



Data Science Applied Lab Students at Smart India Hackathon 2022 Grand Finale

STELLA, I I CSE B

The members of the Data Science Applied Lab - Dharshini. M III CSE, Mari Selvam K II AI&DS, Gladston Akash Raja T A II AI&DS, Kaladevi. G. B and Niveditha. J of III IT mentored by Dr. Anita, Head, Department of Artificial Intelligence and Data Science presented the project in the Smart India Hackathon Grand Finale 2022 for the problem statement No. SS588- "Heritage Identification of Monuments using Deep Learning Techniques" held at & Gujarat Technological University. The team was appreciated by Dr. Cletus Babu, Chairman, SCAD Group of Institutions.



GLIMPSES OF STUDENTS @ SIH





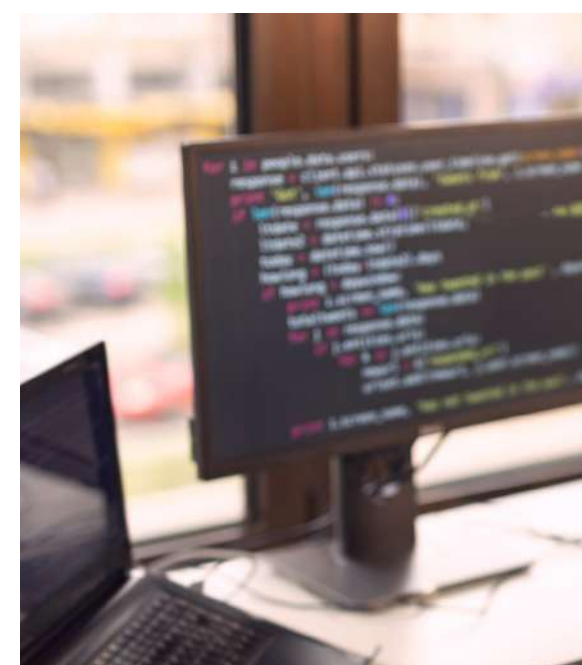
NATIONAL LEVEL BUSINESS ANALYTICS: Data Science Lab Students @ Symbiosis Institute of Management Studies, Pune

Data Science Industrial Applied Lab is functioning in FXEC with 90 students from various streams of Engineering. Students are imparted skills in Data analytics, Machine learning, Deep learning etc., They are developing data science projects and actively participating in various national and international level competitions. Three teams from Data Science lab – Ms.Adlin Christiyana, Ms.Gayathiry, Ms.Fathima Sherin, Ms.Maheshwari, Ms.Selshiya Shereen, Mr.Abubacker Siddiq from II year AI&DS, Mr.Narendran from II year CSBS became the finalists in the National level Business Analytics contest held at Symbiosis Institute of Management Studies, Pune. The teams completed the national-level online prelims and got qualified for the finale as one among top 20 teams, out of 207 teams from all over India. They have developed an analytic solution for on-spot business case in operations and supply chain.



Dr.A.Anitha, HoD/AI&DS mentored the students. Dr.V.Velmurugan, Principal, Dr.K.Jeyakumar General Manager Development, Prof.Krishna-kumar General Manager Admin and the management appreciated the team.

IT Software Solutions & Critical Thinking With Python



The development of skills can contribute to the structural transformation and economic growth by enhancing employability and labor productivity and help the students become more competitive. The department of Artificial Intelligence and Data Science organized Mandatory Skill training on IT Software Solutions and Critical Thinking with Python. On 10-08-2022 the session focused on Functions with a unit of code that works on various inputs, many of which are variables, and produces concrete results involving changes to variable values or actual operations based on the inputs. Students received training on various problem statements. Problem statements were discussed in the forum. The the close of the session, a questionnaire was distributed to the students for evaluating the output of the training.

Patent Filing - Electrical Drives and Automation Lab

A patent is a legal document that is granted to an inventor by the patent office in order to protect the subject matter of their idea. A patent is invaluable to startups and small business entities as they work as bargaining chips for attracting investors and sponsors. Furthermore, granted patents in India improve the recognition and credibility of the inventor or his startup or a company in the market.



The students of the Electrical Drives and Automation lab Mr.A.Davidkamaraj, Mr.I. Joseph David, Mr.S.Selva Rajesh of second year EEE

under the guidance of Mr.N.Subramanian, Assistant professor EEE published a patent titled "Cost Effective Bluetooth Hearing Aid Motor"

Signing of MoU with Gapcrud (PVT LTD) Kolkata

Francis Xavier Engineering College & Gapcrud Private Limited, Kolkata signed a Memorandum of Understanding (MoU) for collaborative initiatives in the department of ECE, Advanced Communication Systems Applied lab, Advanced Electronic System Design Applied Lab, Embedded & IoT Applied lab. This MoU will pave the way for joint projects, joint seminars, training of teachers and students, Internships, Coaching students for technical expertise, platforms and services to support institutional and

departmental events like hackathons or workshops and also to deliver webinars, seminars in emerging technologies. Dr.M. Suresh Chinnathampy Assistant Professor/ECE, Dr.K. Lakshmi Narayanan Associate Professor/ECE and Dr.A. Andrew Robert Assistant Professor/ECE, coordinated for the signing of MoU. Dr.K. Jeyakumar GM (Development) Mr. Krishnakumar GM (Admin), Dr.V. Velmurugan Principal, and Prof.J. Friska HoD/ECE appreciated the team for the initiative taken.

SIH GRAND FINALE TECHNICAL EVALUATION EXPERTISE FROM FXEC



Smart India Hackathon is a nationwide initiative to provide students a platform to solve some of pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving. SIH Software edition for Seniors Grand Finale 2022 was held on 25.08.2022 and 26.08.2022. Around 29 teams from different states of the country participated in the Mega Event. The participant student teams were evaluated by a team of Academic, Industry and Business Experts.

The Software edition in the nodal centre focused on technologies AI, ML, NLP, AR and VR. Dr.T.C.Subbu Lakshmi, Asso. Professor/ IT, Technical Lead -Ideaation Lab, acted as a technical evaluation expert in the SIH Software edition Grand Finale 2022.



She shared her expertise by Mentoring & Evaluating the teams participated across the Country.



"The forum enabled have fruitful interaction with the Industry experts from CTS, L&T, Zoho corp and other Academic experts, Registrars, Deans and directors of different university, she added.

Industry Expert Interaction

To create awareness of the 'Data Science' domain, which is an emerging field in all academia, business sectors, and research and development, to make effective decisions in day-to-day activities, the Department of Artificial Intelligence and Data Science, FXEC, organized



an Industry expert interaction for AI&DS students on 1st August 2022, at 3 pm. The Resource Speaker, Mr. Patrick Amalraj, COE, Eastering Tech, USA began his interaction by highlighting the existence of Data Science concepts in various fields. He explained the Hype cycles,

Yolo Model, and many more methodologies providing an insight on real-time applications. The students showcased their projects and got his valuable feedbacks. He clarified their queries on Startups and other projects.

National Level Seminar winners appreciated



Programming and Coding Lab students Afrin, Kavaya and Gayatri presented a paper on "Green computing" at the National Technical Symposium held at the Jayaraj Anna Pakhyam College of Engineering, and were awarded the first place. The members of the team were guided Dr. Manohar, AP, Dept of CSE.

The students were appreciated by the Dr. K. Jeyakumar, GM(D), Mr. Krishnakumar, GM (A), Dr. V. Velmurugan, Principal for getting awarded for their paper presentation. Dr. Aravind Swaminathan, HOD, CSE motivated the students to participate in more events like this.



The Department of Computer Science and Business Systems in Association with Technical skills and Development conducted Skill Training on 10.08.2022 (IT Software Solutions for Business Using Power BI Mrs. A. Anitha, AP/CSBS trained the students on Importing a Theme to a Power BI Desktop File. A total of 47 students underwent the training and got benefitted.