



ENGINEERING EXCELLENCE ENGINEERS' DAY SPECIAL ISSUE



Display of 1020 Projects: FX'ians manifest the power of Engineering fused with advanced Software & Hardware Tools

Lumina Joan
II ECE

To see the engineering students manifest the power of engineering with the support of advanced software and hardware tools is rewarding to any one associated with the teaching-learning process in an engineering institution.

Acknowledging the need of the hour in creating skilled professionals, FXEC organized a mega project contest - a great platform for all the students to apply the mathematical and scientific principles studied in the classroom and develop problem solving skills.

Commemorating Engineers' Day on 15th September 2022 Engineering Excellence - a Mega Project Expo - 2022 was organized at FXEC. The Expo was inaugurated by Dr. K. Jeyakumar, General Manager (Development).

The Project Expo-2022 was organised under two categories:

- Hardware Edition
- Software Edition

Under the titles Hardware Edition and Software Editions, the projects were further classified as (Multi-disciplinary Projects, Mini and Test Projects). The students from the Department of Civil Engineering displayed 2 Mini Projects, 50 Test projects and 43 Multi-disciplinary Projects.

The students from the Department of Computer Science and Business Systems (B.Tech CSBS) displayed 11 Mini projects, 10 Test projects and 29 Multi-disciplinary Projects.

The students from the Department of Computer Science and Engineering displayed 20 Mini projects, 53 Test projects and 95 Multi-disciplinary Projects.

The students from the Department of Electronics and Communication displayed 25 Mini projects, 33 Test projects and 108 Multi-disciplinary projects.

The students from the Department of Electrical and Electronics Engineering displayed 20 Mini projects, 70 Test projects and 93 Multi-disciplinary projects.

The students from the Department of Information Technology displayed 13 Mini projects, 30 Test projects and 49 Multi-disciplinary projects.



The winners are flanked by Dr. Innocent Diya, MD, TNSDC and Dr. S. Cletus Babu, Chairman, SCAD Group of Institutions

The students from the Department of Mechanical Engineering displayed 12 Mini projects, 30 Test projects and 73 Multi-disciplinary projects.

The students from the Department of Artificial Intelligence and Data Science displayed 03 Mini projects, 20 Test projects and 25 Multi-disciplinary projects.

The students of Master of Computer Application (MCA) displayed 13 Mini projects, 26 Test projects and 56 Multi-disciplinary projects.

As an overall, 129 mini projects, 322 Test Projects and 604 Multi-disciplinary projects were displayed.

The projects displayed were evaluated by a panel of experts. The Panel of experts selected the Top six projects under the Hardware edition and the Top six projects under Software edition.

Under the Hardware Edition category the First prize was awarded to Syed Jaffersha. S A, Suriya M, Muthu Kumar, Raja Kannan from (ECE) for the project titled "IOT Based Smart Rover". The Second prize was awarded to Mari selvam. K. Gladston Akash Raja T A, Jebin.M from (AI & DS) for the project titled "Find the heritage monument using satellite image with explainable AI". The Third prize was awarded to Dharshini G, Kaladevi G.B, Siva Geetha.M from (IT) for the project titled "Automated Plant Watering System". The Fourth prize was awarded to Isaac John Brighton R, Haniel Meshach, Benny S. from (IT) for the project titled "Investigation Rover". The



Fifth prize was awarded to Akash.M, Evan Benildus. J.Jebenes from (EEE) for the project titled "Child Safty bus alarm system". The Sixth prize was awarded to Antroyonas.X, Ariyamuthu. L,Balasubramanian, Essaki Raja.E and Essaki Balaji.R from (EEE) for the project titled "Android Control Notice Board System".

Under the Software Edition the First prize was awarded to Tharani, Angelin Miracle Bella from (AI&DS) for the project titled "Farm Produced Crops Quality Monitoring and alerting the Vendors". The Second prize was awarded to Syed Zakriya R.Selva Boopathy K from (AI&DS) for the project titled "AI Based Mouse".The Third prize was awarded to Imdhiyaz, Logeshwaran (CSE) for the project titled "Virtual ATM".

The Fourth prize was awarded to Essaki Raja .S, Mohamed Pillai, Basith.S ,Mukdheshkannapiran.K.S from (IT) for the project titled "Room Automation System". The Fifth prize was awarded to Maheswari, Lipsa, Madumitha, Tiffany of (AI&DS) for the project titled "Fire Detection using ML&IOT". The Sixth prize was awarded to Roche Micheal R, Titus kopi R (AI&DS) for the project titled "Sales Prediction".

All the winners were appreciated by Dr. Innocent Diya, MD, TNSDC.

Dr.S.Cletus Babu, Chairman, SCAD Group of Institutions visited all the stalls and applauded the students for their creative and innovative ideas and motivated them to come up with more creativity. The event was coordinated by Dr. S. Balaji, Professor Skill and Training.

DISTRIBUTION OF PRIZES





INNOVATE 2022

ENGINEERS' DAY SPECIAL ISSUE



I PRIZE
BHARATH VIDHYALAYA SCHOOL



I PRIZE
ST. MARY'S BOYS HIGHER SECONDARY SCHOOL



I PRIZE
SCHAFFTER HR. SEC.SCHOOL



I PRIZE
SIVANTHII MATRICIGRAM HR.SEC.SCHOOL

Display of 100+ Projects: FXEC is in the forefront in creating Nextgen Innovators

CHITRA BHANU V
IV B.E EEE

"Creativity is inventing, experimenting, growing, taking risks, making mistakes, and learning new things." Engineering is all about experimenting and inventing new ideas. Enhancing the scientific temper among the young minds is the need of the hour in this technical era to support the students face the challenges of industry 4.0. Working on projects instigate in students the verve to be inquisitive and find out solutions for the problems identified. Further, through active involvement in projects students get hands-on learning experience.

With this great motive to make the young generation of this age bring out their innate technical acumen, Francis Xavier Engineering College organized a mega state level project contest for school students from IX std to XII std. 100+ projects were displayed by the school students across Tamil Nadu.

"The Winners were Awarded under four Categories

- Innovation
- Eco - Friendly Product
- Technology
- Scientific Creativity

Under the **Innovation** category the **First Place** was awarded to Sohail Khan, Eshanth Eswar and Bharath Ram for the project titled "**Obstacle Avoiding Helicopter**" from Bharath Vidyalaya School, The **Second Place** was awarded to D.Edwin and L.Sathyaprakash for the project titled "**The Subway Drainage System**" from St.Mary's Boys Higher Sec School and **Third Place** was awarded to J.Jeremiah Enoch, G.Selvamurugan and P.Adchaya Saran for the project titled "**Hydraulic Braking System**" from Rose Mary Higher Sec School. Under the **Eco-Friendly Product** Category the **First Place** was awarded to C.Aathi muthu, pandiyan and S.Siva Santhosh for the project titled "**Reason Behind Lack Of Grains Intake by the Modern Generation**" from St.Mary's Boys Higher Sec School, The

Second Place was awarded to S.Harini for the project titled "**Bore Well Rescue**" from Francis Xavier School and the **Third** was awarded to J.Jeffin Jose and Mohamed Aadhil for the project titled "**Water Level Indicator Technology**" from DON Bosco Matric Higher Sec School. Under the **Technology** Category the **First Place** was awarded to S.Kathir Kamadurai for the project titled "**Industrial Air Quality Monitoring System**" from Schaffter Higher Sec School, The **Second Place** was awarded to M.Sariha Devi and S.Sri Subathra for the project titled "**Smart Pedestrian Crossing & Elephant Corridor System In Railways**" from Sri Jayendra Saraswathi Swamigal Golden Jubilee Matric Higher Sec School and **Third Place** was awarded to N.Kathirvel Giri, A.Sundar and V.Jeya Surya for the project titled "**Smart Irrigation Banana Tech**" from The M D T Hindu College Higher Sec School. Under the **Scientific Creativity** Category the **First Place** was awarded to M.Sabari Vasan and Muthuvel

for the project titled "**Vacuum Cleaner**" from Sivanthi Matric Higher Sec School, The **Second Place** was awarded to S.Siva Surya for the project titled "**Mini Tesla Coil**" from Rose Mary Matric Higher Sec School and **Third Place** was awarded to Saravanan, Arsath Ismail and Ramana Annamalai for the project titled "**Water From Atmospheric Moisture**" from Little Flower Matric Higher Sec School". Dr. N. Chandrasekar, Vice-Chancellor, Manonmaniam Sundaranar University distributed the Certificates and the awards. Dr. Cletus Babu, Chairman, SCAD Group of Institutions appreciated the winners and the participants for converting their ideas into innovative projects and prototypes. Dr. V. Velmurugan visited the stalls and interacted with the students. Dr. K. Jeyakumar, GM(D), Mr. Krishnakumar, GM (A) appreciated the winners for their creative ideas. The event was coordinated by Mr. Zahariya Gabriel, campus manager and Prof. Friska, HOD, ECE.

WINNERS



II PRIZE
INNOVATION
ST. MARY'S BOYS HIGHER SECONDARY SCHOOL



II PRIZE
ECO-FRIENDLY PRODUCT
FRANCIS XAVIER SCHOOL



II PRIZE
TECHNOLOGY
SRI JAYENDRA SARASWATHI SWAMIGAL GOLDEN JUBLEE MATRIC.HR.SEC.SCHOOL



II PRIZE
SCIENTIFIC CREATIVITY
ROSEMARY MATRIC HR SEC SCHOOL



III PRIZE
INNOVATION
ROSEMARY MATRIC HR SEC SCHOOL



III PRIZE
ECO-FRIENDLY PRODUCT
DON BOSCO MATRIC HR SEC SCHOOL



III PRIZE
TECHNOLOGY
The M D T Hindu College Hr Sec School



III PRIZE
SCIENTIFIC CREATIVITY
LITTLE FLOWER MATRIC HR SEC SCHOOL

Peace cannot be kept by force; it can only be achieved by understanding: International Day of Peace Observed



Students taking the pledge during the ceremony

Commemorating International Day of Peace, Youth Red Cross Wing of FXEC organized an event to observe the day by taking the Peace Pledge. Sharu Lekha of I MBA spoke on the importance of the day to understand the need of living in peace and harmony. The peace pledge was administered by the students. Students lined up to swear the Pledge on 'Peace'. A student spoke on the significance of peace and the role of student community in supporting the society live in harmony and peace. Dr. V.Velmurugan, principal appreciated the YRC wing of FXEC for organizing the event.

"Peace is what every heart desires for".



PLEDGE

- I pledge to use my words To speak in a kind way.
- I pledge to help others As I go throughout myday.
- I pledge to care for our earth With my healing heart and hands.
- I pledge to respect people In each and every land.
- I pledge to join together As we unite the big and small.
- I pledge to do my part To create peace for one and all.



The Students of FXEC are well disciplined: Actor Arya, Indian Cinema

GLIMPSES



Actor Arya, Indian Cinema at Francis Xavier Engineering College flanked by Dr.V.Velmurugan, Principal, FXEC

It was a momentous occasion to every one associated with Francis Xavier Engineering College to see Arya, Actor, Indian Cinema at the college premises. The students were high in spirits. The campus was vibrant.

The college had done an elaborate arrangement to welcome the actor. Dr. V. Velmurugan, Principal, FXEC along with the team of Faculty and students accorded a warm welcome to the actor. The students of the fine arts club hosted an array of cultural Mr. Charles Jefferson of II Civil and Nithya Sri Abirami of IV EEE

sang a song from the upcoming movie "Captain". The dance team headed by Balaji of II IT presented a group dance. Actor Arya appreciated the dancers and the singers for making use of platforms of this sort to bring out their innate talents. The actor in his special address stated that the students of FXEC are well disciplined. He further stated that, with discipline and hard work one can reach greater heights and be successful in every walks of life. During the event, highlighting the important of creating a green environment and understanding the need for planting trees for a



Nostalgic memories of primitive Kerala at FXEC Campus

Dr. Cletus Babu, Chairman joins the Keralite Students to celebrate Onam



Onam celebration was organised on September 8,2022, The Keralites of FXEC Srijith, Siva Prasad, Arul Joseph, Justin Sunil, Ashwin, Shipin, Deepu, Bojaxio, Akashiya, Esther Christie, Imaline Nijitha, Kaladevi, and others organized the event in a grand manner. The Keralites at FXEC were dressed in traditional Kerala clothes and

decked the 'Athi Pookalam' with beautiful flowers. Dr. S. Cletus Babu, Chairman, SCAD Group of Institutions Mrs. A. Priyadarshini Arunbabu Correspondent, SCAD Group of Schools appreciated the Students for upholding the nostalgic memories of primitive Kerala at Francis Xavier Engineering College



FXEC Professor receives INDIA EDUCATION AWARDS 2022 (IEA 2022): ONE OF THE TOP 100 TEACHERS OF 2022, INDIA



The Indian Education Award is awarded to recognize eminent educationists of India - an initiative to recognize the real quality of educationists and also to celebrate the zeal, fortitude, and continuing commitment to excellence of outstanding national educationists. Dr.T.C.Subbu Lakshmi, Tech Lead - Ideation Lab, AP /DoIT - FXEC was awarded as one among the TOP 100 TEACHERS OF 2022, INDIA by the prestigious educational honor 'India Education Awards 2022'. She was honoured on the grand virtual award ceremony scheduled on the very special occasion of the Teachers Day, September 05, 2022. The award was presented By Hypedge Media. Dr.T.C.Subbu Lakshmi extends heartfelt thanks to FXEC management for having given opportunity to explore in teaching, research, and Training and Applied labs and also to Students, Colleagues, Friends, LinkedIn Community and all well wishers for their prayers and blessings.