FXEC RANKINGS AND AWARDS

ARIIA ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS
RANKED "BAND EXCELLENT"

Highest Star Status by the MoE, Govt. of India. For Innovation and Entrepreneurship Activities

PLATINUM RATING AICTE-CII Industry Linked Technical Institutions

NBA NATIONAL BOARD OF ACCREDITATION / AICTE

CREATING NEXT GEN ENGINEERS
Innovation and Product Development Industrial Applied Lab Designs an E-Vehicle

CHANGING LIVES
18th CONVOCATION

CREATING CONNECTIONS
Inauguration of "Dawn - 22" by the Department of Master of Computer Applications
Fostering the spirit of Professional skills among students to garner international acclaim and stand tall with their counterparts.

FEELING DIGNIFIED
Remembering the "Missile Man of India". Dr. APJ visited FXEC in 2006 during his tenure of Presidentship.

Winners of Various Contest

The students of Embedded and IoT Industrial Applied Lab A.Donal II ECE A, M.Thangavel II ECE B, S.Kathirkamavel II ECE A participated in the "Project Olympia Contest" organized by Velammal College of Engineering and won the First Prize with a cash award for the project "IoT Based Smart Fishery Feeder".

Anto Joel (III Year CSE) of **Programming and Coding Lab** and Anto Ajay Sharma (III Year CSE) of **Next Generation Computing Lab**, won the first place in Idea Presentation Contest and received Rs. 1000 cash prize in the Mectonz 22 event held at National Engineering College. The students presented their idea on the topic "**Block chain to track and maintain the adulteration of food source**". In this project the students created a theoretical yet implementable solution to find the adulteration in food material to avoid the health issues.

Five batches of Students from **Innovation and Product Development Applied Lab** participated in "Mectonz 22" a project contest organized at National Engineering College, Kovilpatti on 15.10.22 and won the First prize.
Technical Quiz - First Prize- S.Shibin, Shirapathi and Niswin Akash (Design & Analysis Lab).
Treasure Hunt - First prize- S.Shibin, Niswin Akash (Design & Analysis Lab) and other students received Participation certificates for the events Weld war, Water rocketry, Connection, Project and paper presentation.
The participants are B.Vignesh, S.Shibin, S.Sanjay, Shirapathi, Vashikaran, Nagarajan, Rama Krishnan, Niswin Akash (Design lab) and Venkatesh Perumal.

Upcoming Events

Freshers Day 2022

Freshers' Day 2022 - The Inaugural Ceremony for the First Year 2022-23 is scheduled on 4th November 2022. **The First Year Students and the Parents are Invited for the event.**

PROJECT- BASED LEARNING: A DYNAMIC APPROACH TO MAKE THE STUDENTS INDUSTRY READY

The intrinsic value of pursuing an Engineering Degree gains momentum with the students of **Innovation and Product Development Applied Laboratory** fabricating an Electric Vehicle.

VIGNESWARI, I MBA

"Creating skilled Engineering Professionals" who can meet the demands of futuristic Industry is the watchword of FXEC. Francis Xavier Engineering College, in a bid to make the students industry-ready, follows a proactive strategy to make its students upskill themselves with the emerging trends of technology. The college has has established 20 state-of-the-art Industrial Applied Labs. The students of the applied labs are facilitated by the professors and industry experts to come up with new ideas, design and fabricate projects. Those who work on developing products draw inputs from cross-functional expertise and collaborate to create innovative products. Recently, the students of Innovation and Product Development Industrial Applied Laboratory are guided by Prof. S. Sheik Sulaiman, AP, Department of Mechanical Engineering, designed and fabricated an Electric vehicle.

Abiha, II year Mechanical Engineering driving the electric vehicle during the test drive.

Features of the Electric Vehicle
This Eco-friendly Electric Vehicle is designed with 6 seating arrangements with a carrying capacity of 750 kgs. It can run around 70 kilometres with a speed of 40 km/hour in a single charge. The power source of this car is a customised lithium ferro phosphate - 60 volts 30 amps battery. This vehicle has a simple design and is easy to maintain.

The accessories and fittings are made to fit into an affordable budget. The teams extended their gratitude to Dr. Cletus Babu, Chairman, SCAD Group, Mr. Arun Babu, MD, SCAD Group. Dr. K. Jeya Kumar, General Manager (Development), Mr. Krishnakumar, General Manager (Administration) and Dr. V. Velmurugan, Principal for their guidance and support towards fabricating the e-vehicle.

CLICK HERE
To Know more

Dr. Cletus Babu, Chairman, SCAD Group, Dr. Amali Cletus Babu, Vice-Chairperson, SCAD Group Dr. K. Jeya Kumar, General Manager (Development), Mr. Krishnakumar, General Manager (Administration) on their drive in the Electric Vehicle.

Inauguration of "Dawn - 22" by the Department of Master of Computer Applications

Ms. Chithra Kaviarasan, 2016 Batch Alumna, Software Engineer, Accenture Solution Pvt. Ltd, Bangalore, being honoured by Dr. M. Mohamed Sathik, Director, School of Computer Science and Engineering of SCAD Group of Institutions.

Roshan Safica S, I MCA
Acknoweldging the need for fostering the spirit of professional skills among students to garner international acclaim and stand tall with their counterparts, the department of Master of Computer Applications inaugurated its Association **"Dawn 22"** for the academic year 2022-23. Ms. Chithra Kaviarasan, 2016 Batch Alumna, Software Engineer, Accenture Solution Pvt. Ltd, Bangalore was the Chief Guest. She in her address stated that the students of this era must make use of the platforms provided at the college to enhance their skills to make each one tech-savy to be hired by the top notch companies. Dr. M. Mohammed Sathik, Director, School of Computer Studies, SCAD Group presided over the function and delivered the Presidential Address. Prof. Angeline Ranjithamani, HoD, MCA introduced the newly elected Office Bearers. The Association was inaugurated by lighting the lamp by the digitaries and the office bearers.

The newly elected Office Bearers are Mathan G (Secretary), Kohila B (Treasurer), Saravana Kumar and Tamizharasan (Joint Secretaries), Pavithra C and Chinnathai B (Joint Treasurers). Ms. Abinaya Sangeetha of final year, introduced the Chief Guest. Ms. C. Pavithra of second year presented the report on the activities organized during the academic year 2021-22. Ms. Madhu Sudha of first year MCA, proposed the vote of thanks.

Office Bearers

Mathan G
Secretary

Kohila B
Treasurer

Pavithra C
Joint Treasurer

Saravana Kumar
Joint Secretary

Workshop on enabling students on Knowledge Economy:
A system of consumption and production that is based on intellectual capital

Lumina Joan, II ECE

The knowledge economy provides new opportunities and ways to make money for entrepreneurs. On 19th October 2022, a workshop on "Enabling Yourselves on the Knowledge Economy" was conducted by the Department of Computer Science and Engineering in association with the Computer Society of India for the students of CSE, CSBS and MBA department. Mr. Ranjith Kumar, CEO,

Bevywise Networks, Bengaluru was the resource person. Dr. G. Aravind Swaminathan, HOD/CSE welcomed and introduced the resource person. The resource person stated that the students must inculcate reading habits to start mastering the concepts of technology and its advancements. He explained in detail that technology trends features of connectivity, distributed infrastructure, next generation computing, applied AI and future

programming, 5G, block chain, Web 3.0, IOT and Metaverse. Inputs were given on Startup TN, TANSEED and about venture capital. Dr. G. Aravind Swaminathan, HOD/CSE, proposed the vote of thanks. The programme was arranged by Dr. Dr.A.Thiruchelvi, AP/CSE and coordinated by Dr. E. Manohar, Prof. CSE. The workshop was really an eye-opener for the students to know about the recent trends of technology and keep themselves updated.

Placement Fit Technical Training on "C" Programming

On behalf of Training and Skill Development of FXEC, "Placement Fit Technical Training on Core C Programming" was conducted by BYTS Services India Private Limited, Hyderabad, on 14/10/2022 Ms. Armdhaa from BYTS Services India Private Limited was the trainer. The training was convened by Dr.S.Balaji, Professor/TSD and was coordinated by Dr. S. Allwin Devaraj, AP/ECE.

Aspire to achieve great things in life: Dr. Krishnan Baskar, Director, Indian Institute of Information Technology, Manipur

A much awaited 18th Graduation Day: Degrees conferred on 1600+ graduates.

Nimcy I MBA

The 18th Convocation of Francis Xavier Engineering college, Tirunelveli was conducted on 8th October 2022 for the passed out students of 2019, 2020, 2021. Dr. Krishnan Baskar, Director, Indian Institute of Information Technology, Manipur was the Chief Guest. Degrees were conferred on 1600 graduands. Dr. Krishnan Baskar in his address stated that the "Engineering graduates should take up the responsibility in accelerating the conducive start-up ecosystem to fulfill the dream of our nation". He stated that it is happy to see that Francis Xavier Engineering College is in the forefront in empowering the students with quality education, skill and ability to become future ready engineering professionals. He added that "Graduation marks the completion of one stage in

Dr. Krishnan Baskar, Director, Indian Institute of Information Technology, Manipur, the Chief Guest being honoured by Dr.Cletus Babu, Chairman, SCAD Group of Institutions

life and a beginning to enter a new phase of life, where you face real challenges and the most important thing in life is every graduand awaiting to get their degrees conferred should aspire to achive great thing in life."

Our Country "Bharath" welcomes every one here to contribute your best for the nation. Become solution providers with the support of technology and cater to the needs of global citizens to

live in harmony and dignity. Success and failures are an integral part of life on this planet. Failure will make you learn and build a strong base to prepare to face the challenges and conquer challenges with success. Every engineer here should support to develop a knowledge-driven economy and inculcate the ability to develop innovative products. Each one should contribute onwards research in R&D led technology development

and innovation, backed by high quality manufacturing. He concluded the graduation address by stating the words od Swami Vivekananda, who had deep faith in youth power and urged th young generation to amplify their mental energies and physical fitness and work for social tranformation, "Take up one idea. Make that one idea your life — think of it, dream of it, live on that idea. Let the brain, muscles, nerves, every part of your body, be full of

that idea, and just leave every other idea alone. This is the way to success." Dr. N. Chandrasekar, Vice-Chancellor, Manonmaniam Sundaranar University, Tirunelveli and Dr. R. Perumalsamy, Pro-Chancellor, Noorul Islam Centre of Higher Education were the Guests of Honour. Dr. S. Cletus Babu, Founder Chairman, SCAD Group of Institutions presided over the function. Dr. J.Amali Cletus, babu, Vice- Chairperson,

Mr. C.Arun Babu, MD, Dr. K. Jeyakumar, GM(D), Mr. Krishnakumar, GM(A) and Dr. M. Mohamed Sathik, Director, School of Computer Science and Engineering of SCAD Group of Institutions were present. The welcome address was delivered by Dr. V. Velmurugan, Principal, FXEC. The candidates were presented by the Head of the Departments. Dr. Rajakumar, COE, FXEC proposed a vote of thanks.

Glimpses

Professor in-charge of Embedded and IOT Industrial Applied Lab @ FXEC is a Licenced Drone Pilot

Lumina Joan, II ECE

Acknowledging that Drones are a transformative technology over the next decade, from delivering packages to Industrial Inspections, the Embedded and IOT Industrial Applied lab has taken the initiative in training the students on Drone Technology. In continuation with this, with a great spirit to become an authorized Remote Drone Pilot and train the students as per the industry requirement as the recent phase of research is focused on Drones, Dr. Lakshmi Narayan, Associate Professor, Department of Electronics and Communi-

cation Engineering, underwent a 7 day training at the Centre for Aerospace Research (CASR). The training was given on "ground Training", "Flying Training" & "Flight Testing" The CASR Remote Pilot Training Organisation has been registered under the UAS rules 2021 of the Ministry of Civil Aviation and approved by the Directorate General of Civil Aviation (DGCA). The licence has been granted by DGCA Remote Pilot Training for SMALL category to fly drones which can carry payload between 2Kg to 25Kg.

Dr. Lakshmi Narayan, Associate Professor, Department of Electronics and Communication Engineering receiving the certificate and the Licence.

Remembering the "Missile Man of India" on his 91st Birth Anniversary

Dr. K. Jeyakumar, General Manager (Development) along with the other officials and students paying tribute to Dr. APJ Abdul Kalam.

Former President Dr. APJ Abdul Kalam, the 'Missile Man of India', was born on October 15, 1931 in Rameshwaram, Tamil Nadu. This year the whole country is celebrating his 91st birth anniversary. The 11th President of India was an aerospace scientist, a respected youth icon, and regarded as the 'People's President. FXEC feels the pride that he visited the college in 2006 when he was the President of India.

The students of FXEC organized various events on this day as this day is celebrated as "World Students' Day" and "Youth Awakening Day".

CLICK HERE
To watch the video on YouTube

Developing a sense of social and civic responsibility: Students of FXEC visit villages as a part of outreach activity.

Nimcy, I MBA

As field trips inculcate in the the students a sense of social and civic responsibility and help them to understand the community in which they live, recognize themselves in relation to their community, identify the requirements and difficulties of the community and include themselves in problem-solving process, apply their knowledge in finding practical solutions to individual and community problems, regular village visits are organized. The village visits are coordinated by Dr. M.Mohamed Sathik, Director, School of Computer Science, Mr. A. Charles, Project Head, SCAD.

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