OPENING the DOORS TO a
World of PROFESSIONAL
CAREERS

Dream, Dream, Dream
Dreams transforms into thoughts
and thoughts results in action

- Dr. A. P. J. Abdul Kalam

www.francisxavier.ac.in

FRANCIS XAVIER™
ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
Accredited BY **NBA**

COUNSELLING CODE- 4955

FRANCIS XAVIER™
ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION

Accredited BY **NBA | AICTE** Sponsored Margdarshan Mentor Institution
DST-FIST Supported Institution | **ISO 9001:2015 Certified**
Recognized under Section 2(f) & 12(B) of the UGC Act, 1956

Vannarpettai, Tirunelveli - 627003

FRANCIS XAVIER ENGINEERING COLLEGE

Founder's Message

It gives me immense pleasure to see that you have opted Francis Xavier Engineering College to pursue your higher education. Since inception, FXEC has been doing yeomen service in shaping the destiny of young technocrats. We aim at establishing bench marks in academic excellence and holistic development of students to meet the career challenges in the increasing globalised economic conditions. The team of dedicated and highly qualified members of the teaching fraternity with the aid of state-of-the art laboratories will make you build your capabilities in a way that fits your passion and aspiration and make each one of you land on a lucrative job by transmitting their intellectual strength by clutching you with surging love and unshakable faith. It was proved by the placements records. More than 650 students got placed in various multinational companies. I feel proud of you becoming a part of this esteemed institution and make your life joyous and meaningful. I pray that may God Almighty shower his manifold blessing on you to make you a great personality.

Dr. S. Cletus Babu Ph.D
Founder Chairman
SCAD Group

Managing Director's Message

I feel delighted to see that you have taken the first initiative to become the part of Francis Xavier Engineering College. Having selected Engineering for your career you are going to be called 'Technocrats' because you are the builders of nation, creators of technology and the agents of change.

Francis Xavier Engineering College gives you ample opportunities to master your engineering, leadership and managerial skills to make you get systematically transformed into a future ready professional.

Enroll yourself to be a part of this Institution and feel the difference in all aspects of your life.

Mr. C. Arun Babu
Managing Director
SCAD Group

COURSES OFFERED

Bachelor of Engineering (B.E.)

- Mechanical Engineering
- Civil Engineering
- Computer Science & Engineering
- Electronics & Communication Engg.
- Electrical & Electronics Engg.

Bachelor of Technology (B.Tech)

- Information Technology

Master of Engineering (M.E.)

- Computer Science & Engineering
- Network Engineering
- Communication Systems
- VLSI Design
- Power Electronics & Drives
- Power Systems
- Industrial Safety Engineering

Master of Computer Applications (M.C.A.)

Master of Technology (M.Tech.)

- Information Technology

Master of Business Administration (MBA)

- MBA - Human Resource
- MBA - Finance
- MBA - Marketing

WHATEVER YOUR PASSION, YOU CAN MASTER IT @ FXEC.

Let's build the World

FRANCIS XAVIER ENGINEERING COLLEGE
ACCREDITED BY NBA

Turn your dream into reality
You are born to
Re-Engineer the World.

Unlike any other course, Engineering is the branch of science and technology which is concerned with the design of buildings, use of engines, machines, and structures that has been re-engineering the world with skyscraping buildings, fastest communication technology, state-of-the-art machineries and high-tech transport vehicles.

We feel proud to see you as one such Prospective Engineering Professional who has taken up the decision to re-engineer the world by your indomitable intellectual acumen.

At FXEC, you will discover your true potentialities and new avenues to master your skills and make you Industry-Ready.

Vision

"To provide education in engineering with excellence and ethics and to reach the unreached"

Mission

"To create innovative and vibrant young leaders and entrepreneurs in Engineering & Technology, for building India as a super knowledge power and to blossom into a University of excellence recognized globally".

MARCHING TOWARDS EXCELLENCE

Abdul Kalam Seva Ratna Award

Best Institution Award

Academic Partner Excellence Award

Education & Social Work National Award

ABOUT US

Francis Xavier Engineering College, popularly known as FX Engineering College, was established in the year 2000 to empower budding engineers with technical and entrepreneurial knowledge and skills, and inspire them to contribute to socio-economic augmentation of the nation. The college is located in the heart of the city of Tirunelveli heralded worldwide as the Oxford of South India, and is well connected by Road, Rail and Air.

The FX Engineering College nestles amidst calm and clean campus on a sprawling 15 acres of greenery in the epicenter of this town of learning. The ambience is ideal for learning, research and living. The location has many advantages such as excellent connectivity, a strong science and technology foundation, superior educational and research resources and progressive population that is a welcome mix of rural, urban and cosmopolitan outlooks.

The campus breathes fresh air of nature with vast green pastures and it's a pleasant mix of a sense of universal brotherhood, tradition, culture and sophistication. The Management carefully preserves and nurtures the campus by maintaining its air, water, land and surroundings free from pollution and litter.

The students of FX Engineering College are given the opportunity to pursue first-grade and advanced technical education regardless of background, gender or financial constraints. The necessity to promote most advantageous learning and service is well harmonized and clearly expressed by allowing students to effectively receive education that they need. Curricular and co-curricular programs form an integral part of the curriculum and help students to have commanding incorporation of theory and practice. Each individual is motivated to increase the gravity of responsibility and be committed to serve the nation.

The campus is full of opportunities where students' talents can thrive and it systematically transforms a graduate to a future ready professional. The institution is open to the exchange of ideas, where discovery, creativity, personal and professional development can flourish. It is a responsive, student-oriented institution that is committed to the creation, dissemination, and acquisition of knowledge through teaching, research and service.

ACADEMIC Membership

FXEC Centres of Excellence

Approval and Recognition

A Place where your ideas are MATERIALIZED

50+ MoU Partners

LIFE @ CAMPUS

Learning Facilities

FX has excellent infrastructure facilities such as conference hall, drawing hall, well-furnished and spacious class rooms, splendidly equipped laboratories with modern tool kits and computers with high end configuration, mechanical workshop amply provided with hi-tech tools, staff rooms, student activities room, canteen, sport facilities and so on which make teaching effective and meaningful in this temple of learning.

Residential Facility

The College has a separate hostel for boys and girls. The hostels are well furnished, airy and have round the clock power back up, WiFi connectivity and an RO Plant for safe drinking water. The hostels have well-planned dining facility as well that serve hygienic and nutritious vegetarian and non-vegetarian cuisine.

Advantage

- Multi – Cultural Campus.
- Excellent Infrastructure & Facilities.
- Congenial Learning Atmosphere.
- Finest Faculty with Academic and Industrial Experience.
- Remarkable Placement Record.
- Social Responsibility and Outreach Activities

Multimedia Teaching

Multimedia Teaching makes the teaching-learning process comprehensible and clear. Modern teaching aids like OHP, LCD projectors, Slide projectors, Television, VCR, P.A. systems etc., make the students understand the concepts clearly and fare well in their examinations.

English Language Support

If English is not the first language then the students may need additional language support before or during the major program. To enhance the language skills of the students, communication training classes are incorporated in the class schedule. Regular training on communication through role play, group discussions, presentations, debate, and interview skills are given. We create fresh avenues to develop positive attitudes, communication skills and decision making skills in the students.

Cafeteria

The college canteen adheres to the highest degrees of quality, hygiene and provides the students with tasty food at affordable rates.

Life @ Campus

Extra-Curricular Activities

The college provides ample opportunities to establish students' identity by making them take active role in the Youth Affairs like NSS, YRC, and RRC. Not all the time learning but they become creative artist too. Cultural programmes give way to exhibit their innate talents and off-stage they become great citizens of India. Besides the regular academic exercises the students do have a chance to become members of the following professional bodies like Indian Society of Technical Education (ISTE), Indian Society of Electrical and Electronics Engineers (IEEE), Computer Society of India (CSI).

Class Room

Spacious and well ventilated class rooms create a conducive environment to make the students concentrate on the lessons taught and tower with accomplishments.

Equipment & Infrastructure

- Well - Equipped Laboratories
- Workshop & Drawing hall
- Seminar Hall with LCD Projector
- Language Lab
- Virtual Classroom
- Intranet Campus
- E-Resource Learning Centre
- Multimedia Teaching

Computer Laboratory

FXEC has state of art laboratories, equipped with latest instruments, computers, servers, as well as most modern software required to instruct the students and carry out prescribed practical hours to complement classroom learning. Students have access to this excellent facility, complemented by 24-hour internet connectivity with 100 Mbps speed. The resources and facilities of all the FXEC labs befit the excellent reputation and standards. They provide an efficient and effective support to students in their pursuit of academic excellence. The college has a fully equipped computer centre with latest state-of-art computers and software.

Counselor

FXEC has appointed full-time psychologist for staff & students, whose services for appropriate advice and counseling are available in campus round the clock.

Auditorium

The college has spacious auditorium with ultramodern sound facilities which accommodates more than 2000 occupants.

Life @ Campus

SCHOLARSHIPS

Our Institute offers merit scholarships to top ranking students of Higher Secondary, National and State level. Sports persons and deserving students from Polytechnic are given special scholarships. Government scholarships to SC/ST, BC and MBC students are provided.

Mechanical Engineering

The Department of Mechanical Engineering is considered as the best department with excellent lab facilities and enriched by senior faculty members. The students are given ample theoretical and practical input during their four years of stay in the campus. The students of the department have been proving their mettle by producing Anna University ranks consecutively.

LABORATORY FACILITIES :

- Fabrication
- Advanced Thermal Analysis / Solar Energy
- CAD Lab
- CAM Lab
- Manufacturing Technology Lab I
- Strength of Materials Lab
- Engineering Practices Lab
- Thermal Engineering Lab
- Heat & Mass Transfer

MECH

Civil Engineering

The Department of Civil Engineering provides a learning environment through which students learn the art of development and sustainability in:

- Land Resources
- Infrastructure Development
- Water Resources
- Environmental Resources
- Remote Sensing
- Energy

The Department has well qualified faculty members, excellent infrastructure and labs with modern equipment.

LABORATORY FACILITIES :

- CAD Modeling
- Environmental Analysis
- Computer Aided Building Drawing Lab
- Strength of Materials Lab
- Fluid Mechanics & Machinery Lab
- Survey Lab
- Geo-technical Lab
- Environmental Engineering Lab
- Concrete & Highway Engineering Lab

CIVIL

Electronics & Communication Engineering

The Department of Electronics and Communication Engineering offers academic programme at the Under Graduate and Post Graduate level with the state-of-the art facility. The Department has produced 23 Anna University rank holders in the past 3 years. The students are encouraged to participate in symposia and conferences and they are motivated to present papers. Students are led to enter into the world of Electronics & Communication Engineering with motivation and guidance from highly qualified and dedicated faculty members. The Department has well qualified staff members consisting of Doctoral and Master Degree. The students are encouraged by the faculty members to do mini projects, paper presentations, seminars and workshops within and outside the campus.

LABORATORY FACILITIES :

- TI - IoT and Deep Learning
- Electronics Application
- Centre for Hackathon
- Communication Lab
- Electronic Devices Lab
- Microwave Lab
- DSP Lab

- Microprocessor Lab
- VLSI/ Networks Lab
- Embedded Systems Lab
- Basic Electronics Lab
- M.E VLSI Design Lab
- M.E Communication System Lab

ECE

Electrical & Electronics Engineering

The Department of Electrical and Electronics Engineering marked its efficient starting in the year 2002 for undergraduate studies with highly qualified and dedicated staff members .The Department continues to strive in excellence to produce young technocrats every year with fundamental knowledge in the field of Electrical and Electronics Engineering with leadership qualities and technical skills. With the strength of the dedicated and dynamic faculty, ever supportive management and well motivated students, the Department is fully geared up in its pursuit of attaining excellence in engineering education with ethics. The Department has produced 10 Anna University rank holders in the past 3 years.

LABORATORY FACILITIES :

- NI - Robotics and Automation
- Electrical Dc Machines Lab
- Control Systems Lab
- Power Electronics Lab
- Measurement & Instrumentation Lab
- Electrical Workshop
- Power System Simulation Lab
- Electrical Ac Machines Lab
- M.E Power Electronics and Drives Lab
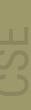
EEE

Information Technology

The Department of Information Technology was established in FXEC in the year 2000, offering B.Tech, M.Tech at Under Graduate and Post Graduate level. The Department is committed to provide technical education to future technocrats and software professionals through programmed teaching and hands-on skill training with the state-of-art implements. The Department has developed into a centre for excellence, providing opportunities for innovation and research, with well-equipped computer laboratories and dedicated faculty. Students are provoked to take interest in their core area under the supervision of faculty through Seminars, Paper presentation, Symposium, Quiz contests, internships, industrial training, club activities etc., The Department had produced 5 University (I rank holders) Gold Medallists and 24 university rank holders.

LABORATORY FACILITIES :

- MoDROBS funded Cyberforensics Lab
- CDAC Powered IoT Lab
- IBM - Mobile Application Development Lab
- IBM - Predictive Analytics Lab
- Operating Systems Lab
- Network Lab
- M.Tech - Research Lab
- MHRD supported Virtual Lab
- Coding programming Practice platforms

Computer Science & Engineering

The Department of Computer Science and Engineering is a recognized Research Centre by Anna University, Chennai. The Department has produced 20 Anna University rank holders in the past 2 years. The department provides Wi-Fi connectivity with 100 Mbps with 4G Technology. The Department provides guidance for the students to take up the exams such as GATE, GRE, TOEFL, and GMAT & CAT. The faculty members and the students have membership with CSI, IEEE & ISTE, also the Department has association with Google, HCL Technologies Pvt. Ltd., and CISCO.

LABORATORY FACILITIES :

- Coding and Programming
- World Skill
- IBM - Cloud Computing
- Cisco - Networking
- Amazon Web Services
- Operating System Lab

- Case Tools Lab
- Networking Lab
- Compiler Design Lab
- System Software & DBMS Lab
- Hardware Lab

The laboratories are powered by an Oracle 9i server, a windows 2013 server and Linux server which are connected through LAN with 185 personal computers.

Management Studies

The Department not only educates and trains students for career, but also rises them up for a better life. The faculty and students are encouraged to take active participation in all events of academic, co-curricular and extra-curricular activities. Strong emphasis is placed on external exposure in addition to undertaking current and issue-based research projects in conjunction with their specialization over and above the curriculum. The Department has produced one gold medalist and six Anna University rank holders in the last three years.

FXDoMS transforms management aspirants to the Next Gen global professionals of high social responsibility and business discipline.

The institute is unique because of: Top Ranking in India By Business Standard, Business Today, Ranked in 'A' Category by Chronicle B-School Survey, University Gold Medal, Ranks and Distinction in Anna University Examinations; Case oriented education; Intensive Seminar and GD; Soft skills development; Experienced Faculty members, visiting professors & Industry captains; A well equipped library with more than 3000 titles; Internet facility with high-speed connectivity; Well-established computer labs; Seminar Halls, Lecturing Halls with sophisticated AV Presentations; Institute and Industry interaction for project work and consultancy; Regular Industrial Visits; Individual personal review and counseling; Higher placement in reputed Indian Companies & MNCs; Entrepreneurship Development through ED cell; Social service avenues.

Association and Activities

The Association at FXDoMS, "SPARKLE" plays a vital role in connecting the students to the rest of the business world. SPARKLE organizes students development activities aiming at enhancement of their Intelligent, Emotional and Spiritual Quotient.

FXDoMS, which was set up in 2005, is committed to producing highly disciplined and talented graduates tailored to meet the challenges of modern business world. It has been rated as one of the Best B-Schools in Tamil Nadu, by Business Standard & IMRB Best B-School Survey, 2013.

Computer Applications

The MCA department was established in the year 2007, with the objective of imparting quality education in the field of Computer Application. With rapidly evolving technology and the continuous need for innovation, the department has always been producing quality professionals, holding top rank in the Anna University Examinations and important positions in Information Technology industry in India and abroad. Our students are placed in well reputed organizations and MNC's like WIPRO, Tech Mahindra, Infosys Sure soft, Syntel, Techno Park, CTS, Aspire Systems, Indian Bank, Tamil Nadu Mercantile Bank, TN LIC, State Bank etc.,

Master of Computer Applications (MCA) programme is a three-year programme with one full semester devoted to the project work. In addition to the core courses in Computer Science, there are also courses from Mathematics, Management and Humanities, which enable the students to acquire the required skills for a successful career. The elective courses offered in the emerging areas give them the opportunity to be in the forefront of technology and applications.

LABORATORY FACILITIES :
- There are five well-equipped networked computer labs with high configuration computer systems.
- The whole department is Wi-Fi enabled.
- Internet Lab has been setup in the department in order to enable the students to do quality project

FRANCIS XAVIER ENGINEERING COLLEGE

Recognized under Section 2(f) & 12(B) of the UGC Act, 1956

Assured Job Placements to all registered students for 5 consecutive years

Francis Xavier Engineering College has the option to register for placement, higher education or alternate career, All Fxcians, who registered for placement have been placed, consecutively for the past 5 academic years (2015, 2016, 2017, 2018 and 2019)

864 PLACEMENTS (2019-20)

108 MNCs & Reputed Companies Visited

Training & Placement Cell

The Management takes keen interest in the placement and training activities in the campus to see its students get placed in well- known MNCs. Continuous training is offered in verbal ability, test of reasoning and soft skills, by experts in the respective fields. Career development programs are regularly conducted to motivate the students by resource persons from the industry. The college has active MoU with HCL, Sutherland, ICT Academy and similar leading companies. This helps the students interact regularly with the corporate world and make them industry fit.

Highest Salary
RS. **13 Lakhs** p.a

Average
RS. **3.5 Lakhs** p.a

PLACEMENT

Students are placed in

Mastering Hard Skills – A Futuristic shift!

In this ever changing environment where technology rules, mastering hard and soft skills is pivotal to meet the challenges of everyday life. The transformation in technology and engineering are all impacting on education and the workplace. To stand tall with the increasing pace and change of modernity, every engineering professional need to master hard and soft skills. FXEC, acknowledging its importance has made a futuristic shift in imparting the required skills in an exemplary way.

Passion & human potential are turned into hard skills through Hands on practice

Soft Skills:

The Skills relating to personality is transferred from day one. FXEC ensures that its students master soft skills like Communication skills, Teamwork skills, Interpersonal relationship skills, Presentation skills, Managerial skills, Leadership skills, Negotiation skills & Networking skills etc that are essential to develop career success.

ALUMNI ASSIOCIATION

Alumni Meet 2018

FXAA Bangalore Chapter was inaugurated on 15th of December 2018

to register: alumni.francisxavier.ac.in

FXAA

Alumni are the greatest strength of FXEC. More than 8,000 alumni are working around the globe as Technocrats in different fields' altogether. Many serve as officials with ethics and excellence in the Government Sectors as well as the Private Sectors. Some of our alumni are successful entrepreneurs. Every year Alumni Interaction programs are being conducted at the college and in the metro cities to nurture a consistent relationship between the Alumni and the Alma mater. The Alumni of the College shares a strong bond with the Alma mater. The Alumni of our College contribute to the Alma mater by sharing their expertise to the student community through Alumni Interaction programs as well as social media. They are doing yeomen service to the juniors by guiding their academic projects, providing placement assistance, conducting seminars on the latest trends in the industry and empowering the students to face the Corporate world with confidence.

ADMISSION PROCESS

- Application forms and prospectus can be obtained either in person from the admission unit at the college office or from our group admission offices at select cities on payment of the prescribed fees.

- To apply for a course listed in the prospectus, the application form must be duly filled in and should be submitted to the admission unit, Francis Xavier Engineering College along with the photo copies of the required documents.

The following are the key stages in the Admission Process.

- Applicant's eligibility for the course applied will be verified.

- Short listed candidates will be informed about their selection.

- Prospective students are advised to meet the principal and the selection committee of respective colleges for a personal interview.

- The final selection is based on the marks scored in the qualifying examination and performance in the personal interview.

- Candidates who are all selected for the admission would be asked to submit the original transcripts, transfer certificate and other relevant documents and pay the required course fee and hostel fees (for students who opt for in-campus residential facilities).

- Post admission students will be informed of the course commencement date.

- Upon fulfilling the admission formalities the students are provided with college Identification Cards and permitted to attend classes.