

Opening the Doors to the World of PROFESSIONAL CAREERS

e-Brochure



An Amazing Choice



FRANCIS XAVIERTM
ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION

Vannarpettai, Tirunelveli

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 globalized 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 is proved by the placements records every year. More than 876 offer letters have been distributed during the academic year 2020-2021. 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 will give 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

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 and Technology for building India as a super knowledge power and blossom into a University of excellence recognized globally.

103/G2, Bypass Road, Vannarpettai,
Tirunelveli-627003
Tamil Nadu, India

visit: www.francisxavier.ac.in
ADMISSION HELPLINE: 9942978482

COLLEGE PROFILE

FX

FXEC, established in 2000 is now an Autonomous, DST-FIST Supported Institution run by St. Xavier's Educational Trust with the vision of empowering the budding engineers with technical and entrepreneurial skill enabling them to contribute to the socio-economic augmentation of the nation. The institution is approved by **AICTE** and **affiliated to Anna University, Chennai**.

The College holds the privileges of Section 2 (f) and 12(B) of UGC Act 1956. The college stood between 151 and 200 rank-band in National Institution Ranking Framework - Ranking 2017. **Recently, the college received the Platinum category in AICTE-CII survey 2020.** More than **Rs.3.5 Crore** research funding has been received from different Government Agencies like **DST, AICTE, MNRE, ISRO, DRDO.**

The college offers International Certification programmes in Collaboration with CISCO, AUTODESK, National Instruments, EMC2 and Oracle Academy. The college has active MoU with IBM, CDAC, HCL, Sutherland, ICT Academy, Fanuc, Texas Instruments, Trimetric Solutions, CADD Centre, Highway Authority of India and similar leading companies. It is a member of CII, BAI, FACEAT&P, BNI, YI, CSI, IE, ISTE, IEEE for Industry-Institute Interaction, Centre of Excellence for Big Data Analytics, Cyber Forensics and Cloud Computing.

The college has established Entrepreneurship Development Cell (EDC) and Institution Innovation Council (IIC) as per the norms of Innovation Cell, Ministry of HRD, Govt. of India and has received 5 star ranking. Under AICTE- AQIS the college has received a grant of **Rs. 1.1 Crore.** Further, funds have been received under STTP, PRERANA, SAMRIDHI schemes.

The college is also a Mentor Institution for 11 Institutions under AICTE-Margdarshan Scheme.

The College aims at developing high quality research, innovation, start-up ecosystem and entrepreneurship. The Institution has Special Applied Lab facilities which includes Cloud Lab, Mobile App Development Lab and Cyber Security Lab.



"LIFE IS A MATTER OF CHOICES, AND EVERY CHOICE YOU MAKE MAKES YOU"

MILESTONES REACHED

AWARDS, RANKINGS, FUNDINGS AND ACHIEVEMENTS

The logo consists of the letters 'F' and 'X' stacked vertically in a white, serif font, set against a teal shield-shaped background.

- **DIST - FIST supported Institution**
- **Platinum Rating - 2019-2020**
by AICTE - CII Survey of Industry Linked Technical Institutes, 2020.
- **5 Star Rating by MHRD, Govt. of India for the IIC -Activities conducted during 2019-2020**
through Entrepreneurship Development Cell (EDC)
- **NISP - 'National Innovation and Start-up Policy**
Authorized centre to develop an ecosystem with required infrastructure that can enable students and faculty to innovate and prototype their potential ideas with industrial support.
- **3rd rank among the top 9 Engineering Colleges in India**
Chronicle Engineering Colleges Survey 2019-2020
- MBA Department of FXEC has been rated as **the "Best B-School"**
Business Standard and Business Today 2019-2020
- **7th place out of 34 outstanding Engineering Colleges of Excellence in India.**
GHRDC Engineering College Survey 2019-2020
- **"AAAA" Status**
DL Ranking Survey 2019-2020
- **2 Gold Medals and 102 Rank Holders**
Anna University Examinations 2016-2019
- **876 Placements in the Academic Year 2020-2021**
In reputed multinational Companies
- Department of **CSE, ECE and EEE are Anna University Recognized Research Centres.**
- More than **Rs.3.5 Crore research funding is received from different Government Agencies like DST, AICTE, ISRO** and so on
- **Central Library** is equipped with 39693+ Books, 6299+ Online Journals, 192+ Printed Journals and the online digital library is facilitated with IEEE, ACM, ASME with DELNET subscription.
- **International Certification programmes in Collaboration with CISCO, AUTODESK, National Instruments, EMC and Oracle Academy.**
- **3rd rank among the top 10 promising MCA Colleges in India**
Higher Education Review Magazine 2018-2019
- **ISO 9001:2015 Certified institution.**
- **Received IEEE Best Student Branch Award consecutively for three years: 2019, 2020, 2021.**
- **Tamil Nadu State Government Sponsored Intellectual Property Rights Cell.**
- **The college is also a Mentor Institution for 11 Institutions under AICTE-Margdarshan Scheme.**
- **The college stood between 151 and 200 rank-band in National Institution Ranking Framework - Ranking 2017.**
- **Campus Management System**

PROGRAMMES OFFERED



UNDERGRADUATE PROGRAMMES

- B.E - CIVIL ENGINEERING
- B.E - COMPUTER SCIENCE AND ENGINEERING
- B.E - ELECTRONICS AND COMMUNICATION ENGINEERING
- B.E - ELECTRICAL AND ELECTRONICS ENGINEERING
- B.E - MECHANICAL ENGINEERING
- B.TECH - INFORMATION TECHNOLOGY
- B.TECH - ARTIFICIAL INTELLIGENCE AND DATA SCIENCE*
- B.TECH - COMPUTER SCIENCE AND BUSINESS SYSTEMS*

*Subject to Approval

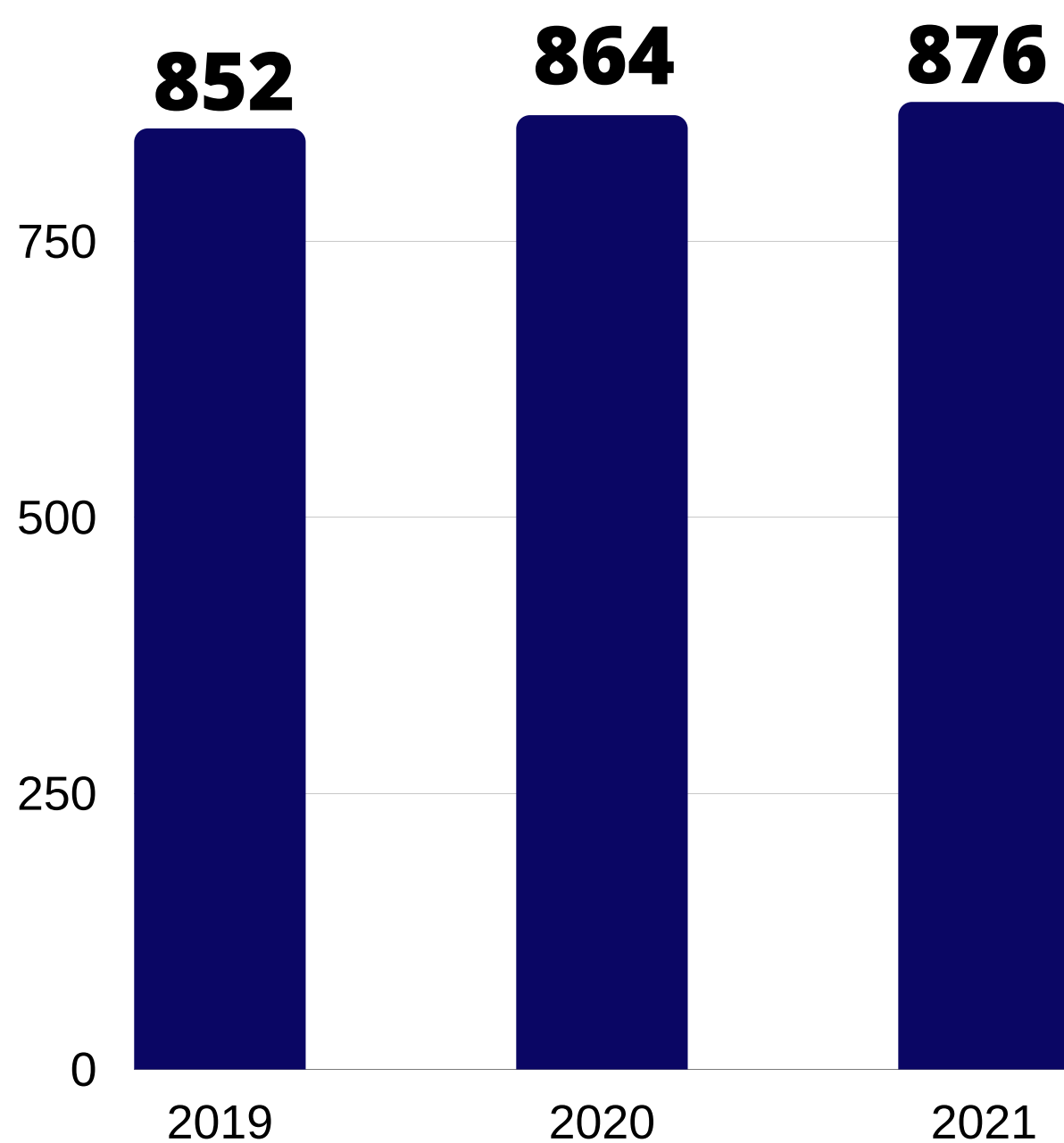
POSTGRADUATE PROGRAMMES

- M.E CSE I M.E CSE (NETWORKS)
- M.E COMM.SYSTEM I M.E VLSI
- M.E POWER ELECTRONICS AND DRIVES
- M.E POWER SYSTEMS
- M.E INDUSTRIAL SAFETY ENGINEERING
- M.TECH IT I MBA I MCA

DOCTORAL (Ph.D) PROGRAMMES

- EEE I ECE I CSE

PLACEMENT OFFERS



WHAT MAKES FXEC - A SOUGHT AFTER ENGINEERING COLLEGE?



Five Star Status for the year 2019-2020



FXEC was awarded 5 Star status for the various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2019-20.

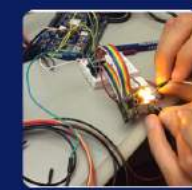
MAKING THE DIFFERENCE

APPLIED LABS



MASTER ENGINEERING

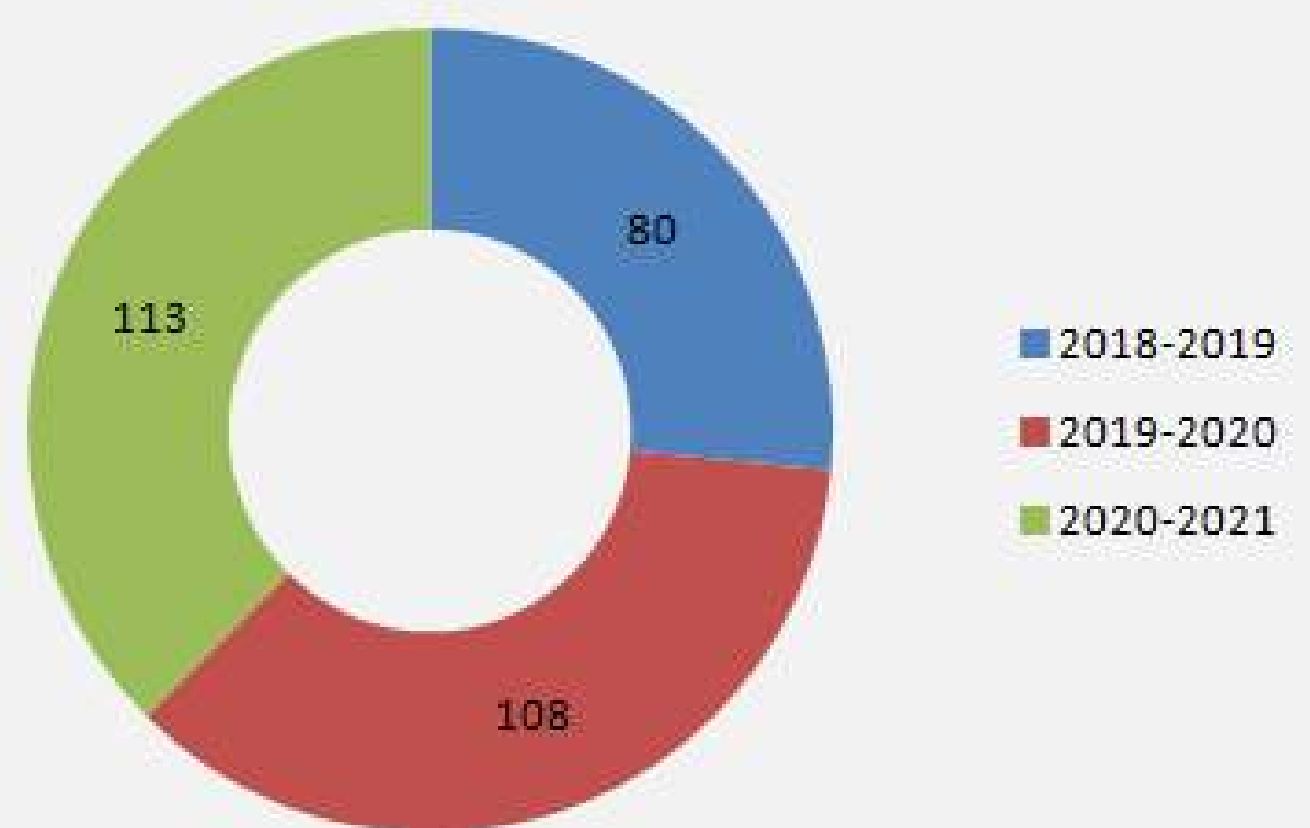
"Applied Labs - Leverage the latest technologies—ranging from Augmented & Virtual Reality, Machine Learning to Robotic Process Automation to make the students Industry-Ready"



- NI-ROBOTICS AND AUTOMATION LAB
- ELECTRONIC INNOVATIONS AND APPLICATIONS LAB
- GREEN ENERGY LAB
- CENTRE FOR HACKATHON
- DATA SCIENCE APPLIED LAB
- MODELING LAB - MECH
- CYBERFORENSICS APPLIED LAB
- THE NEXT GENERATION NETWORK APPLIED LAB



MULTINATIONAL COMPANIES VISITED



DEPARTMENT OF CIVIL ENGINEERING

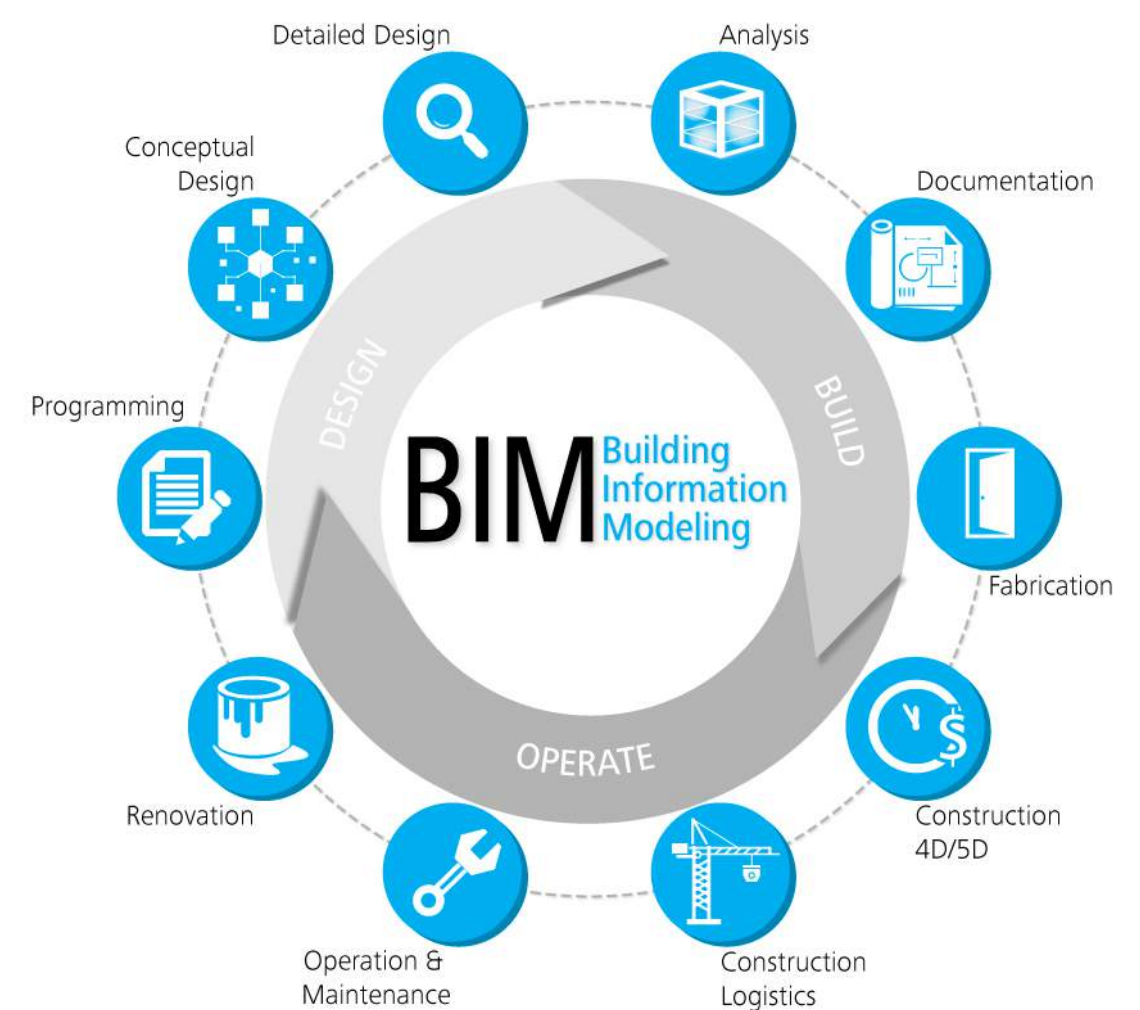
FX



WHAT MAKES THE DEPARTMENT OF CIVIL ENGINEERING @ FX A UNIQUE CHOICE?

STUDENTS ARE GIVEN SKILL TRAINING IN THE EMERGING TRENDS OF TECHNOLOGY IN CIVIL ENGINEERING

Civil Engineering is a professional engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment, including public works such as roads, bridges, canals, dams, airports, sewerage systems, pipelines, structural components of buildings, and railways.



WE MAKE YOU THE BEST VERSION OF YOURSELF



Application of Virtual Reality (VR) and Augmented Reality (AR) in Civil and Construction Industry



Sustainable Design with the focus on Zero-Energy Housing



Implementation of IoT in Engineering projects



Master 3D printing to turn Engineering Designs into scale models



Master MEP design for planning, construction, and operating facilities.



Implementation of Robots in worksites

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Accredited by NBA

FX



Computer Science Engineering (CSE) is the study of computers and computing as well as their theoretical and practical applications. Computer science applies the principles of mathematics, engineering, and logic to a plethora of functions, including algorithm formulation, software and hardware development, and artificial intelligence.

WHAT MAKES THE DEPARTMENT OF CSE @ FXEC A UNIQUE CHOICE?

Technology has been growing so exponentially over recent years and there has been a steadily increasing demand for bright graduates to transform areas ranging from data infrastructure to cyber security. FXEC offers the best education to help the students stay up to date with the latest trends in Computer Science Engineering, and make an informed choice about where to head next.

IBM Software Lab for Emerging Technologies



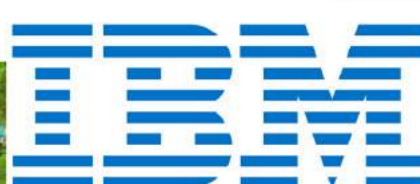
CLOUD COMPUTING LAB



PREDICTIVE ANALYTICS LAB



MOBILE APP DEVELOPMENT LAB



CENTRE OF EXCELLENCE



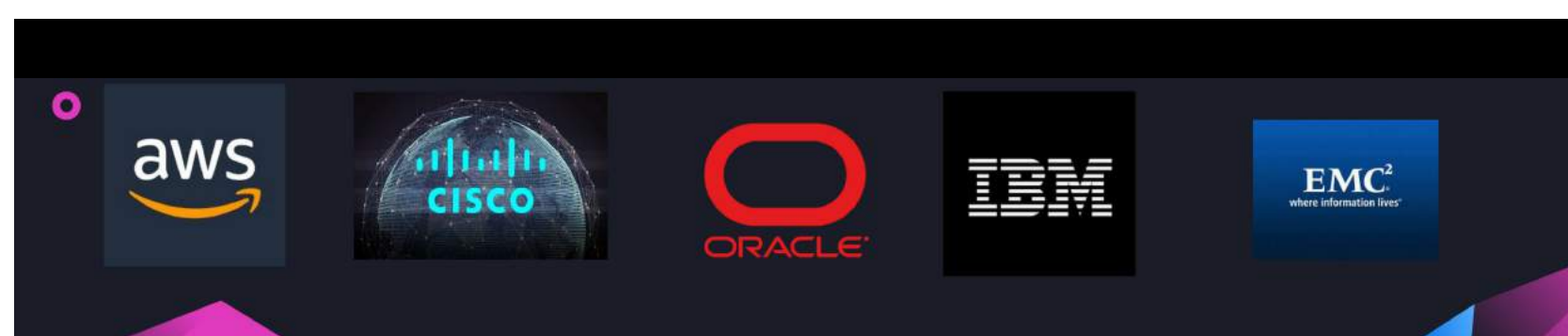
INDUSTRY SUPPORTED LABS

Industry Supported Labs @ FXEC creates a unique, high-quality educational opportunity for the students. Working on with these labs helps them experience high-level critique and interaction with industry experts.



Experiencing Technology

INTERNATIONAL CERTIFICATION COURSES



ACADEMIC PARTNERSHIPS

EC-Council | Academia
Preparing the Next Generation of Cybersecurity Experts



1 CISCO ACADEMY

2 EC-COUNCIL ACADEMY

3 ORACLE ACADEMY

4 GOOGLE

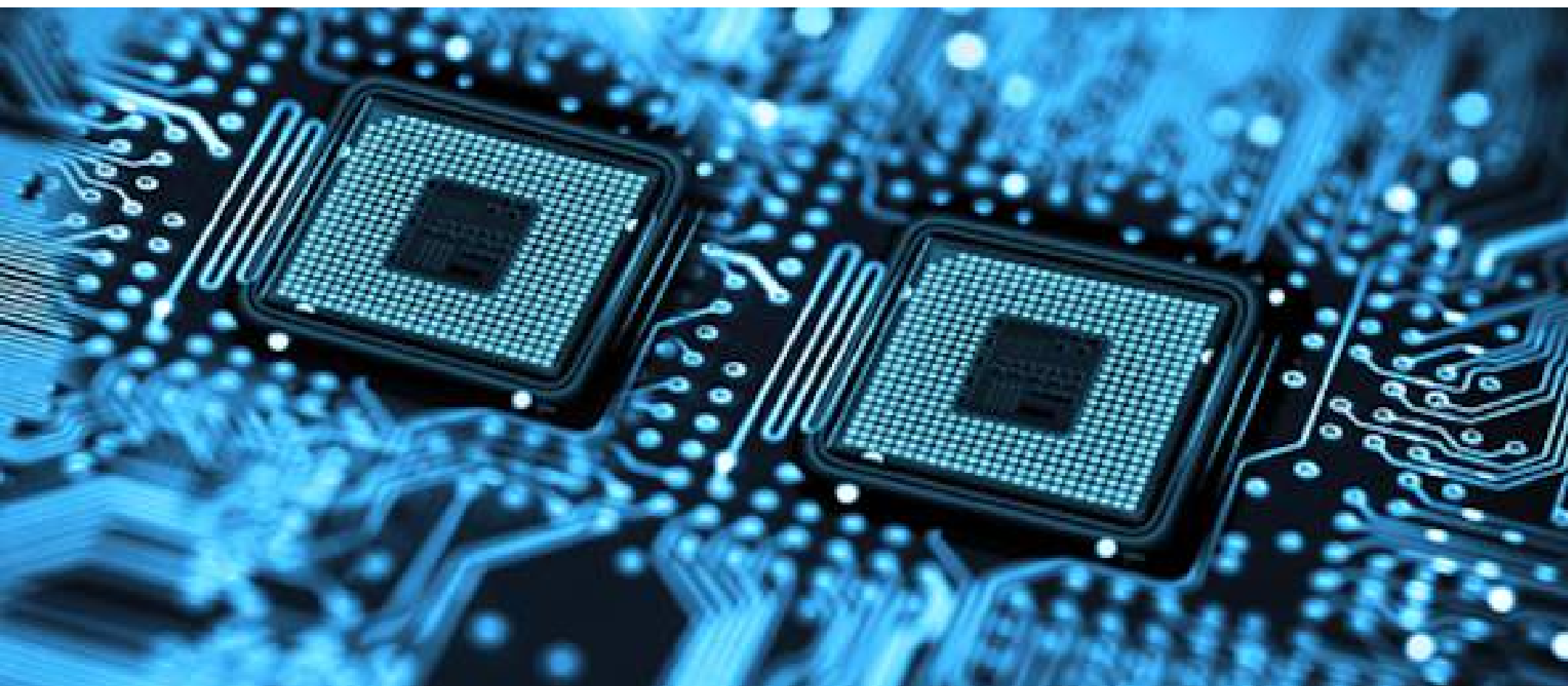
4 HCL



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Accredited by NBA

FX

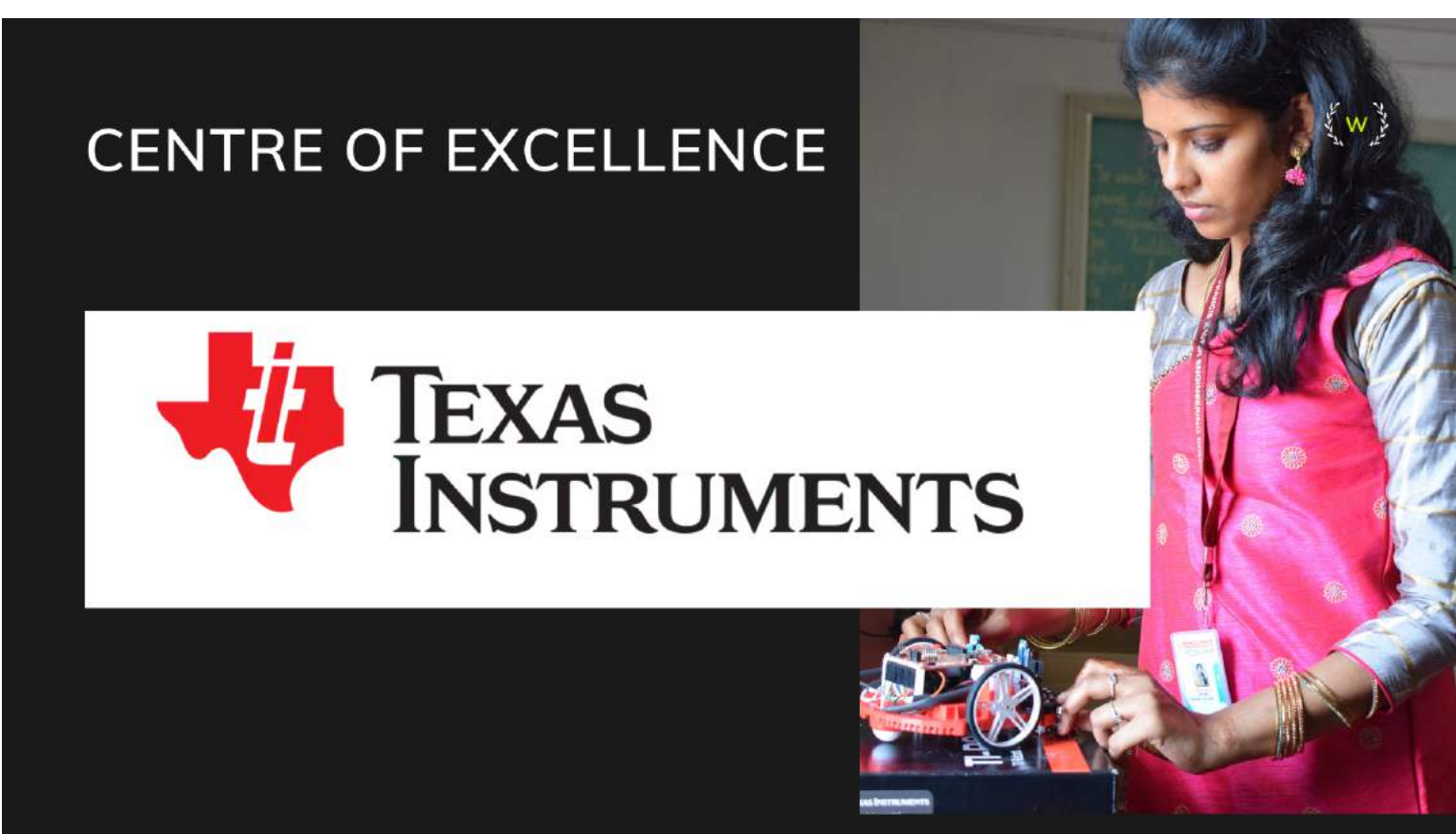


Electronics & Communication Engineering (ECE) is a branch of Engineering that deals with the electronic devices, circuits, communication equipments like transmitter, receiver and integrated circuits (IC).

It also deals with basic electronics, analog and digital transmission & reception of data, voice and video, microprocessors, communication, microwave engineering, antenna and wave progression.

This Programme aims to deepen the knowledge and skills of the students on the basic concepts and theories that will equip them in their professional work involving analysis, systems implementation, operation, production, and maintenance of the various applications in the field of Electronics and Communication Engineering.

WHAT MAKES THE DEPARTMENT OF ECE @ FXEC A UNIQUE CHOICE?



Laboratories @ FXEC support students to simulate and design RF and Microwave circuits, then fabricate, measure, and evaluate their prototype using modern laboratory instruments, which are similar to instruments presently being used by engineers in industry. Students use ADS (Advanced Design System) or HFSS (High Frequency Structure Simulator) to simulate, verify, and optimize their design.

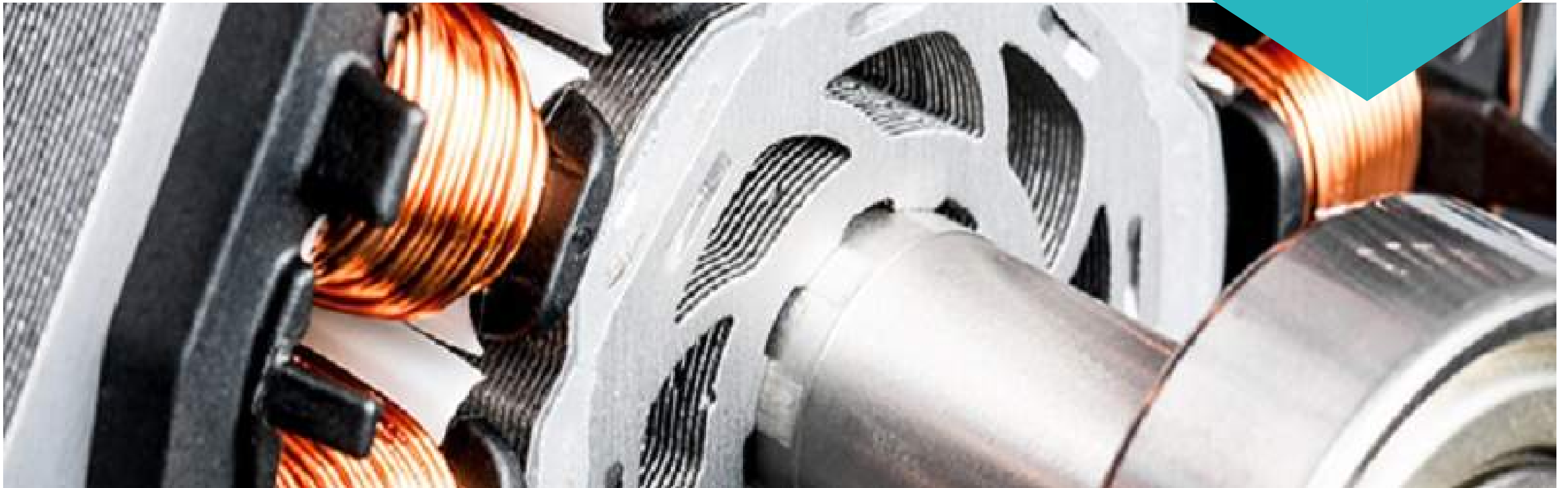
More than Rs.50 Lakhs research funding received from different Government Agencies like DST, AICTE, ISRO



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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Electrical and Electronics Engineering is a branch of Engineering which deals with the study of application of electricity, electronics and electromagnetism. Electrical Engineers design, develop, test and supervise the manufacturing of electrical equipment, such as electric motors, radar and navigation systems, communications systems and power generation equipment.

If it's a practical, real-world device that produces, conducts or uses electricity, in all likelihood, it is designed by an electrical engineer.

The Job opportunities for Electrical and Electronics Engineers are always evergreen. To widen the scope of Electrical Engineering students at FXEC, hand-on skill training is given to design electrical devices and systems using basic components such as conductors, coils, magnets, batteries, switches, resistors, capacitors, inductors, diodes and transistors. Further, the curriculum is designed to help students master the emerging technologies like Smart Grids, Wireless Power Transfer, Wireless Wearable Tech, Artificial intelligence, Prefabricated products, Energy-saving lighting technologies and so on.

WHAT MAKES THE DEPARTMENT OF EEE @ FXEC A UNIQUE CHOICE?

DST-FIST supported Power Electronics & Drives lab.

Government of India
Department of Science & Technology
Ministry of Science & Technology



NI Labview Academy

NATIONAL INSTRUMENTS™

START-UP UNIT

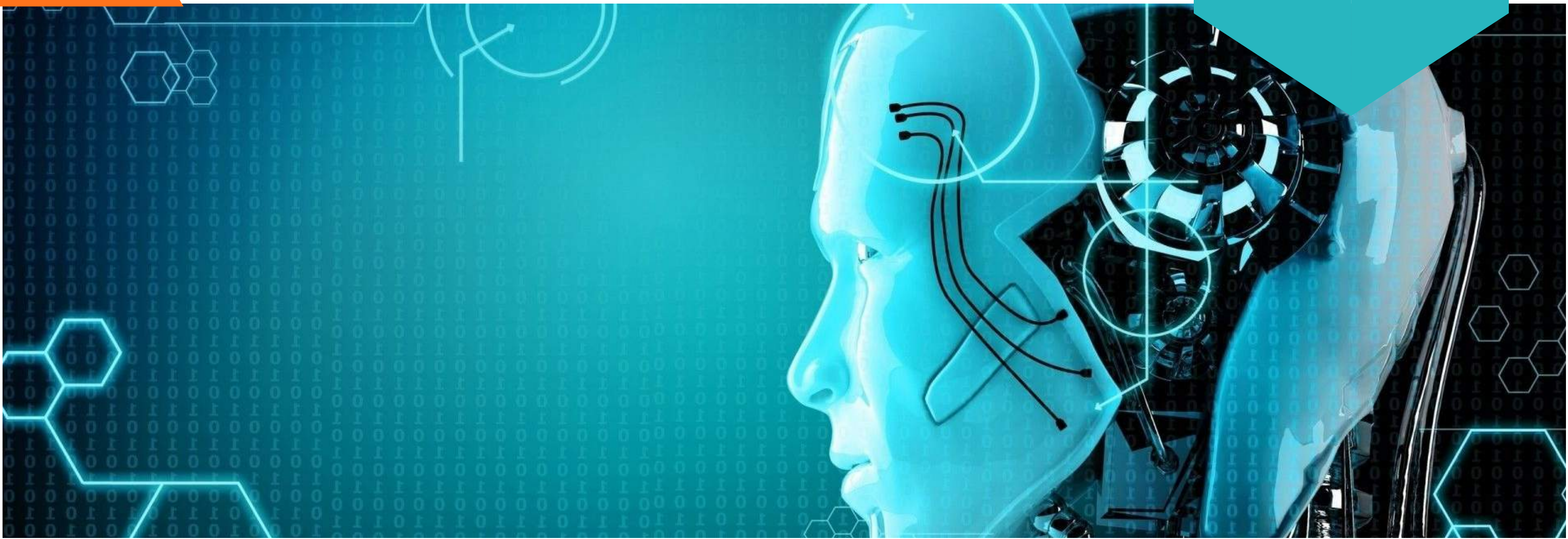


RESEARCH CENTRE



DEPARTMENT OF INFORMATION TECHNOLOGY

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Information Technology (IT) covers any technology, that is, equipment or technique used by a company, institution, or any other organization which handles information.

Information Technology programme is an excellent choice to help advance your career. Whether you are seeking professional development, new skills, or a new career, Information Technology programme will help you become a more competitive and valuable employee with important skills.


Information Technology Programme covers a wide range of topics which include software applications, hardware, programming, security, business applications, design, artificial intelligence, databases, medical records, and others.

Enroll to pursue Information Technology. FXEC will help you meet your professional goals and advance your career!

WHAT MAKES THE DEPARTMENT OF IT @ FXEC A UNIQUE CHOICE?



- MHRD supported virtual Lab nodal center.
- IBM Center of Excellence
- AICTE Sponsored- Cyber forensics Lab and IOT Lab powered by CDAC
- Training on Programming skill using SkillRack, Hackerrank
- Smart class rooms, Modern Teaching Tools with Clickers, RBT and interactive techniques.



Virtual Labs
An MHRD Govt of India Initiative

सी डैक
CDAC
CENTER FOR DEVELOPMENT OF
ADVANCED COMPUTING

IBM

VALUE ADDED COURSES



ORACLE
Certification
Program

NMOOC

IBM BlueMix

Python
Programming

Predictive
Modeling

MOBILE
APPLICATION
DEVELOPMENT

DEPARTMENT OF MECHANICAL ENGINEERING

Accredited by NBA

FX



Mechanical Engineering is the study, design, development, construction, and testing of mechanical and thermal sensors and devices, including tools, engines, and machines. Mechanical engineering careers center on creating technologies to meet a wide range of human needs.

Mechanical Engineering subjects include automobile engineering, manufacturing engineering, power plant engineering, thermal engineering, and mechatronics, which is a combination of electrical, computer, and mechanical engineering.

Mechanical engineering is a fast-paced, interdisciplinary field that offers opportunities to help design the future. With continued projected career growth, coupled with our globalized world's unceasing need for technological advancements and innovation in communication and travel, a career as a mechanical engineer can be challenging, rewarding, and lucrative.

WHAT MAKES THE DEPARTMENT OF MECH @ FXEC A UNIQUE CHOICE?

VALUE ADDED COURSES

1

Solar energy



2

Robotics



3

Entrepreneurship Development



INTERNATIONAL CERTIFICATION COURSES

ASNT | CERTIFICATION



ARTIFICIAL INTELLIGENCE AND DATA SCIENCE*

FX



The 21st century is ruled by data and in reality, it is turning out to be the 'life' of this technology-driven era. **Artificial Intelligence and Data Science** is one of the Engineering fields of the 21st century that will impact all segments of daily life by 2025, from transport and logistics to healthcare and customer service.

The major focus of this programme is to equip students with statistical, mathematical reasoning, machine learning, knowledge discovery, and visualization skills. Further, this programme will help students to gain cross-disciplinary skills across fields such as statistics, computer science and machine learning. Data scientists have career opportunities with exceptional prospective fields and challenging roles in the arena of healthcare, business, e.Commerce, social networking companies, climatology, biotechnology, genetics, and other important areas.

AI & DS

CAREER PATH

CAREER PATH

Artificial Intelligence Engineer

Data Scientist / Analyst

Machine Learning Engineer

Machine Learning Architect

US Bureau of Labour Statistics

"The rise of Data Science needs will create roughly 11.5 million job openings by 2026"

World Economic Forum

"By 2022, Data Scientists and Analysts will become the number one emerging role in the world."

Gartner: Global Research and Advisory Company

2.3 Million: Jobs will be created because of AI By 2020

Industry Trends

*Subject to Approval

COMPUTER SCIENCE AND BUSINESS SYSTEMS*

F
X

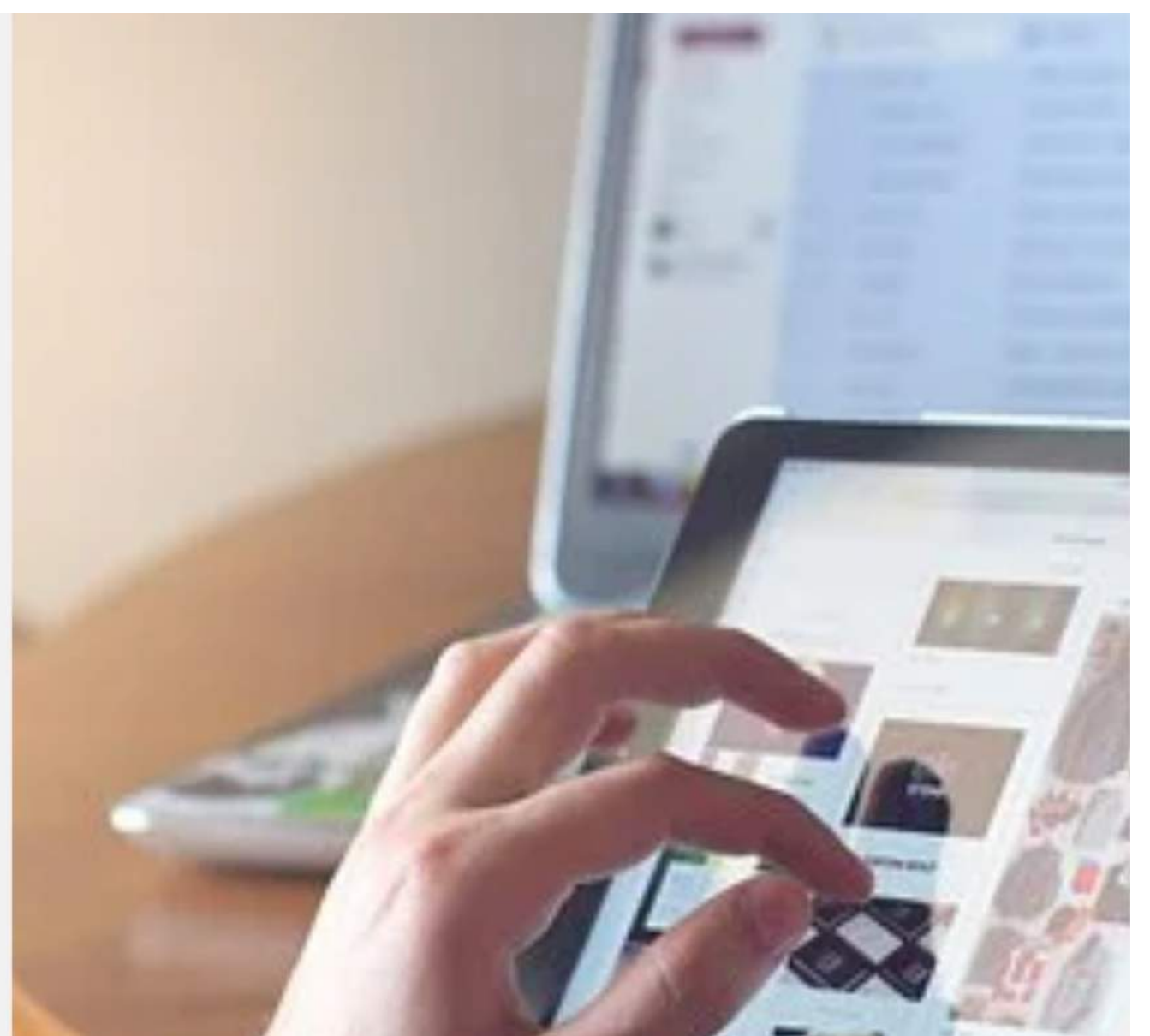


The Programme, **Computer Science and Business Systems** enables students to know the core topics of Computer Science with the deeper understanding of humanities, human values and management sciences and business systems. The students also get good industrial exposure to emerging topics such as Analytics, Machine Learning, Cloud Computing and Internet of Things etc.

This Programme will further help students master emerging trends of technology who can drive innovation and add value to the organization they work for as well as to the nation in the era of Business 4.0. Every successful Student has a wide range of career opportunities in Government and Private sectors, Bank and Health Insurance sector, Manufacturing sector, Financial sector, Business Analysis, and Marketing sector.

CAREER PATH

- Software Developer
- Database Administrator
- Computer Hardware Engineer
- Computer Systems Analyst
- Computer Network Architect
- Web Developer
- Information Security Analyst



DEPARTMENT OF MANAGEMENT STUDIES MASTER OF BUSINESS ADMINISTRATION

FX



MBA or Master of Business Administration is a 2 - year full-time degree programme that makes you excel with all aspects of business and administration. This is an internationally recognized degree and the curriculum has been designed meticulously to help the learner hone all the skills required for a great career in any sort of business scenario. An MBA Degree offered at FXEC will give you a higher scope to launch a progressive career as an entrepreneur or take up higher positions in banks, leading firms, insurance companies, and various public sectors as well as private organizations.



ELECTIVES OFFERED

- Finance
- Marketing
- Human Resource
- Systems
- Operations
- Entrepreneurship

WHAT MAKES FXDOMS A UNIQUE CHOICE?

MANAGING STRATEGY



INNOVATION



MANAGING STRATEGIES & INNOVATION

A series of techniques taught for controlling and directing a business to achieve a set of predetermined goals.

Gain real-world perspective and participate in cutting-edge innovation.

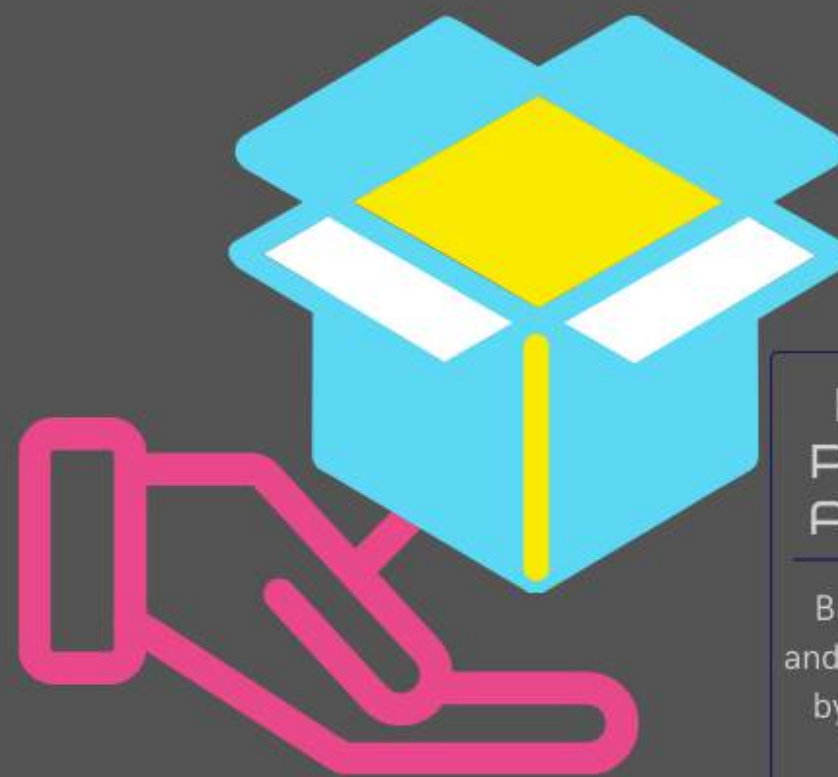
MANAGING TOOLS AND TECHNOLOGY

The management of emerging technology to support innovation which is of increasing interest to Managers in Industry and Banking Sectors



We Empower you to Make the Difference.

We Make your Ideas Work



KNOWLEDGE OF PRODUCT DESIGN AND PRODUCTION

Build prototypes of your own ideas and take product design classes taught by experienced practitioners with a wealth of practical experience.

Become an Entrepreneur with the Master's Touch.

MASTER STRATEGIES TO UNDERSTAND HUMAN BEHAVIOUR AND SOCIETY

Through case studies to set better goals and get the workforce to function at peak efficiency.



DEPARTMENT OF COMPUTER APPLICATION

MASTER OF COMPUTER APPLICATIONS

FX



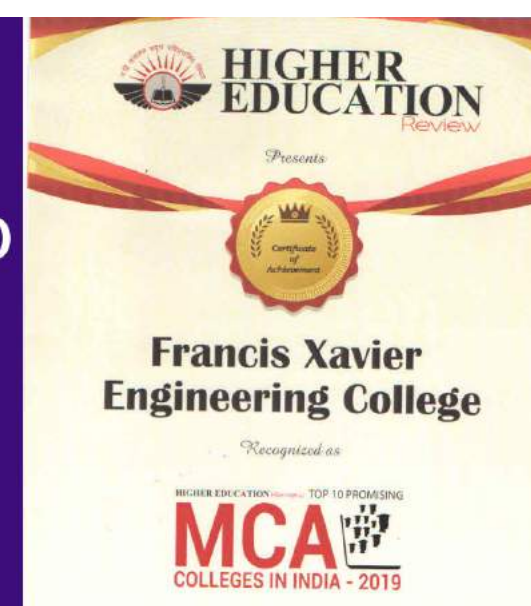
Master of Computer Applications (MCA) is a two-year professional Master's Degree. The post graduate program is designed to meet the growing demand for qualified professionals. The MCA programme is inclined more towards Application Development and thus has more emphasis on latest programming language and tools to develop better and faster applications.

The Curriculum is exclusively designed to meet the requirements for IT Industry and other engineering sectors. This programme significantly emphasizes planning, designing and building of complex commercial application software and system software. MCA programme is not just a postgraduate programme; it is also a complete professional grooming for students for a successful career in the IT Industry.

WHAT MAKES DEPARTMENT OF MCA @ FXEC - A UNIQUE CHOICE?

3rd Rank among the top 10 promising MCA Colleges in India

Higher Education Review Magazine 2018-2019



SPECIFIC SKILL TRAINING

- 1 **Laravel**
- 2 **Angular and Node js**
- 3 **Dot Net**
- 4 **Digital Marketing**

Higher Placement Prospects

- 1 **TCS**
TATA CONSULTANCY SERVICES
- 2 **Sutherland**
SUTHERLAND
- 3 **Hradi Infotech**
Hradi Infotech
- 4 **Infosys**
Infosys
- 5 **Syntel**
SYNTEL
"Consider IT Done"

INCUBATION CENTRE



OUR PROMINENT ALUMNI

F
X

DEPARTMENT OF CIVIL ENGINEERING



S.SIKANDER BADUSHA,
STRUCTURAL DESIGN ENGINEER
KEC INTERNATIONAL LIMITED



10,000+
ALUMNI

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



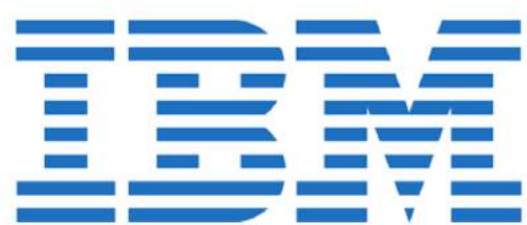
Raman Chelladurai
Lead Systems Analyst
MUFG Union Bank



Uma Maheshwari G
Indian Corporate Law Service,
IAS Officer



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



A.Hameedhul Arshadh
Associate System Engineer, IBM



"GET ENROLLED
TO
GET TRANSFORMED"

OUR PROMINENT ALUMNI

F
X

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



Krishna Kumar
Microsoft



Vijaya Bharathi
Sr. Quality Assurance Engineer,
Amazon Development Centre, Chennai



DEPARTMENT OF INFORMATION TECHNOLOGY



Sankarmani,
General Manager, Aditya Infotech



Kumarasamy
Team Leader, Infosys

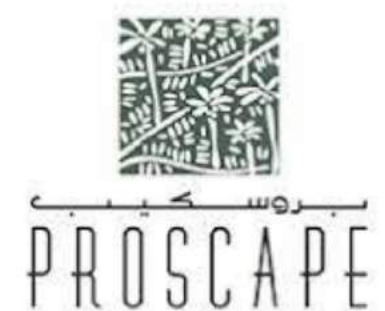


DEPARTMENT OF MECHANICAL ENGINEERING



Mercedes-Benz

Aravinth
PRODUCT ENGINEER,
MERCEDEZ BENZ



PRAVEEN SUNDAR
MEP ENGINEER, PROSCAPE LLC, DUBAI

TRAINING AND SKILL

"Doing the best thing at the right time, puts you in the best place for ever"

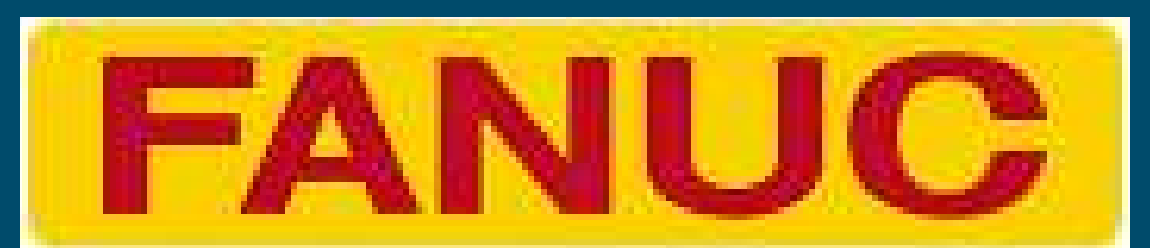


INTEGRATED TRAINING

Through
16+ Applied Labs

GATE COACHING

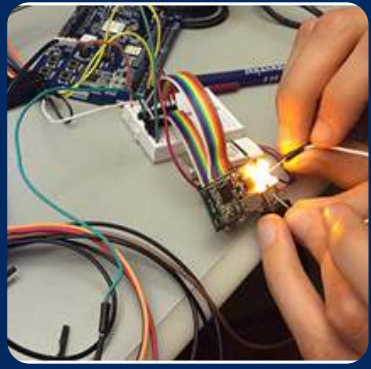
OUR TOP RECRUITERS



APPLIED LABS



The students of FXEC are given a wide range of input through various Applied Labs and Training and Skills which make them competitive to take up various roles in MNCs.



ELECTRONIC INNOVATIONS AND APPLICATIONS LAB

(EIA) at FXEC is a technology-based incubator that infuses innovation as per societal needs. The lab facilitates students to come up with innovative ideas and adopt new technology into their projects and convert the same into products.



NI-ROBOTICS AND AUTOMATION LAB of Francis Xavier Engineering College gives a Strong thrust towards creating Robots and Automation. The Lab gives the students a broad knowledge to develop and fabricate Robots, Automation of Industrial /commercial products. Further, this Applied Lab will provide ample opportunities for the students to participate in National and International level robotic competitions and workshops.



GREEN ENERGY LAB is the biggest forte @ FXEC. The lab supports students to understand and develop new Energy storage technology and its management systems, design and develop charging technologies for energy storage devices, Design and develop the power conversion units for recharging the energy storage systems, develop customized energy storage devices and management systems for electric vehicles.



CENTRE FOR HACKATHON - A hackathon is a competitive event in which teams of designers, developers, and subject matter experts collaborate to create solutions for a specific problem within a defined time frame. The goal is to build a working prototype, an app, or a robot to solve a given problem. The students @ FXEC have been proving their mettle in creating Fire Fighting Robot, Maze Robot, Distance Measurement System using Ultrasonic Sensors.

MODELING LAB - MECH @ FXEC helps the students get to know the existing national standards related to technical drawings, evaluate computer aided design models and assemblies based on critical thinking and problem solving skills. Further, it equips the students to participate in State, National and International level design competitions like SAE Bicycle design and SAE BAJA competition.



CYBERFORENSICS APPLIED LAB @ FXEC helps the students to develop indigenous Cyber Forensics tools, provide training on Cyber Forensics to Law Enforcement Agencies (LEAs) and technical support to LEAs for cybercrime investigation and analysis.

"Leveraging the latest technologies—ranging from Augmented & Virtual Reality, Machine Learning to Robotic Process Automation to make the students Industry-Ready"

Students of FXEC are given training in Fabrication of new electronic appliances using IC's and various Arduino applications and MATLAB. Specific training is given for the students to get placed in TCS, BYTS Training on C, Dynamic Programming Data Structure, CTS, Infosys, HCL, WIPRO and HCL.



DATA SCIENCE APPLIED LAB @ FXEC helps the students to work on various software products and participate in various national and international level competitions and develop various real time software products to meet the growing needs of society. The students have won laurels in presenting their papers and projects in international conferences and workshops.

INDUSTRY CONNECT



Cyber Forensics Lab was Established in the year 2018 in Association with CDAC - Trivandrum

This lab mainly focuses on detecting cybercrime, where evidence is stored in a digital format.

This Lab is equipped with recent innovative tools and components.

Texas Instruments Innovation Lab has been established to facilitate the students to have hands on experience in the latest technology in the domain of Electronics Engineering.

FANUC - Center of Excellence established in the year 2019 is equipped with NC Guide Software and CNC Simulator hardware kit.

IBM cloud computing lab has been established to develop enterprise cloud application and deployment using IBM Bluemix software.

Through CISCO Academy, courses are conducted for the students in the area of Networking, Cyber security and CCNA.



FXEC CENTRES OF EXCELLENCE



ENTREPRENEURSHIP DEVELOPMENT CELL



Entrepreneurship Development Cell functioning at Francis Xavier Engineering College is committed to develop entrepreneurial spirit among students. The Cell inspires students to create new and innovative business ventures compliant to global market and standards.

- MHRD awarded Five Star status to the College for the activities carried out under the established Institution's Innovation Council (IIC) as per the norms of Innovation Cell, Ministry of HRD, Govt. of India for the year 2019-20.
- 761 e-Club members from all engineering discipline, MCA and MBA
- PLATINUM Rating by AICTE -CII Survey for Augmented Industry Interaction.
- Recognized as project Institute under National Scheme for Entrepreneurship Development in 2016 by NSTEDB.
- EDII sponsors Entrepreneurship Awareness Camp under the DST-NIMAT project.
- Member of Confederation of Indian Industries (CII), Southern Region, Chennai
- NISP - Authorized Centre to enable students and faculty to innovate and prototype their potential ideas
- Entrepreneurship Awareness Program with the financial support of MSME- DI

National Innovation and Start up Policy (NISP) MENTORSHIP

MSME TRAINING

INCUBATION & STARTUPS



National **INNOVATION** and **STARTUP** Policy 2019 for Students and Faculty
A Guiding Framework for Higher Education Institutions



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Confederation of Indian Industry

RESEARCH AND CONSULTANCY

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Patents**

200+

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IN SCOPUS INDEXED
JOURNALS

924+ Citation
h-index 16
i10 index 26

15

CONSULTANCY
SERVICES

20



21



सत्यमेव जयते

Department of Science and Technology (DST)

DST



PLACEMENTS



EXCELLENT PLACEMENT OPPORTUNITIES

**113 Companies
visited the Campus
for Recruitment
during 2020-2021**

We have a robust training and placement program in the campus. We upskill our students with Industry-specific training right from First year to Final Year. A dedicated placement team, headed by a well qualified placement director functions round the year to ensure that students are placed in reputed companies across the country. Continuous training is offered to equip the students on communication skills, soft skills, confidence building, interview skills, verbal reasoning, business etiquette, quantitative aptitude, emotional intelligence, presentation skills, leadership and management skill, creativity skills along with engineering wise technical skills by experts from in house and also from industry. Career development programs are regularly conducted through accomplished resource persons across a wide spectrum of industries.

The college has active MoUs with Oracle, Dell-EMC2, Autodesk, VMWare, Palo Alto Networks, Strategiq, Ezeetrak, Avid GSL Solutions (Japan) and similar leading companies. This helps the students interact regularly with the corporate world and make them industry ready. Training in the area of Networking such as CCNA certification is provided for the students from the CISCO Academy.

MAJOR RECRUITERS



MAJOR RECRUITERS



INTERNATIONAL CERTIFICATION PROGRAMMES



INTERNATIONAL CERTIFICATIONS



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INTERNATIONAL CERTIFICATIONS



NI, formerly National Instruments Corporation, is an American multinational company with international operation. Headquartered in Austin, Texas, it is a producer of automated test equipment and virtual instrumentation software. Common applications include data acquisition, instrument control and machine vision.

"Engineer Ambitiously"

INTERNATIONAL CERTIFICATIONS



INTERNATIONAL CERTIFICATIONS



Texas Instruments is an American technology company headquartered in Dallas, Texas, that designs and manufactures semiconductors and various integrated circuits, which it sells to electronics designers and manufacturers globally.

LIVE THE FUTURE



INTERNATIONAL CERTIFICATIONS

Autodesk, Inc. is an American multinational software corporation that makes software products and services for the architecture, engineering, construction, manufacturing, media, education, and entertainment industries.

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102 Anna University Ranks



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