PROSPECTUS
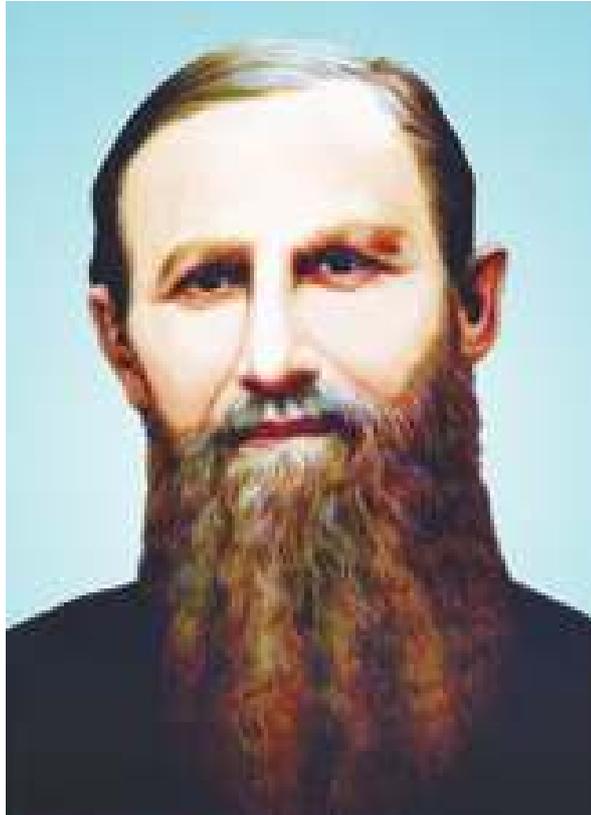
ST. FRANCIS INSTITUTE OF TECHNOLOGY

A.I.C.T.E. Approved
Permanently Affiliated to University of Mumbai.
NBA Accredited & ISO - 9001-2015 Certified

Bro. Paulus Moritz, (CMSF)
1869-1942
Founder and First Superior General of
Franciscan Missionary Brothers

The Society of Franciscan Brothers was founded in 1901, with Mumbai as its International Headquarters to educate and cater to the needs of orphans of the area with the establishment of first orphanage by Society in 1908. Now the Society has above a hundred centres in India. These centres include Orphanages, Schools, Formal and Non-formal Technical Education Centres for School Dropouts, Leprosy Centres, Agricultural Training Farms, Youth Centres, Clinics, Dispensaries and Hospitals. The Society has spread to South America, Sri Lanka, Germany, Switzerland and Italy for similar work, with Mumbai as its headquarters. With its charitable and registered societies across India, the Society delivers its best for the upbringing of the orphans, the poor, and the lower middle class, irrespective of caste or creed.

After the emergence of Modern India as a rising power, our focus extended to cater to the needs of the urban and semi urban classes by providing high quality education, both professional and technical. Today, after 109 years of its inception, the Society continue their commitment of training young minds to take up the challenges of the future, with the generous support and collaboration of like-minded people and organizations. The Society continues its work in areas of social work, schools, technical training, agricultural training farms, hospitals and institutes of higher education like engineering, management, hotel management, interior designing to name few.

My young friends at the very outset I am happy to invite each one of you to St. Francis Institute of Technology (SFIT). It was in the year1999 that SFIT was established with the motto of providing quality professional education at affordable cost and the vision of developing entrepreneurs / industry leaders with integrity. As of today, it is gratifying to note that the institute has lived up to its expectation by being one of the top three colleges of University of Mumbai.

Tony Wagner, the author of "Creating innovators" says that schools and universities are failing to spark young people's curiosity. AT SFIT Faculty members in collaboration with the management are trying their level best to make the teaching learning process more skill oriented and interesting.

With my long stint of little more than three decades in the field of education, I have come to realize that universities and industries need to come together to create synergies. This will enhance the practical knowledge of the students and they will be in a better position to start their career. In fact, SFIT has proactively initiated various plans for student's employability.

Once a poor and uneducated man dreamt of a horseless carrier. He went to work with what tools he possessed, without waiting for opportunity to favour him, and now evidence of his dream is felt in the entire earth. That man, Henry Ford, has put more wheels into operation than any man who has ever lived, because he was not afraid to back his dream. What we Indians need is courage. Success can only come to you by courageous devotion. I can assert without fear of contradiction that the quality of the Indian mind is as good or better than any other mind in the world.. What we need in India today is the belief in our own potential and the spirit of a winner. If that indomitable spirit rises, nothing can hold us from achieving our destiny.

Technology has come to play a dominant role in improving the quality of life. It is the engine capable of driving a nation towards growth and prosperity and giving it the necessary competitive edge in the comity of nations. Let us make use of this technology innovatively to transform India into a developed country.

Bro. Jose Thuruthiyil
Director, SFIT

It gives me great pleasure to pen down a short message for the aspiring students in the engineering field. I have the privilege to pass on the information of this Institute to you in the first person's testimony because of my association with this Institute from the day one.

The humble beginning made 20 years ago has now transformed this Institute of excellence in the field of engineering where we offer courses from under graduate to Doctorate of Philosophy (Ph.D). This journey has been eventful and fulfilling both for me as person and also for the Institute who has grown to be one of the best in Mumbai region. The discipline and dedication that we bring to the education system has positively impacted thousands of young minds who graduated from SFIT over the years. I express my sincere gratitude to all those who have contributed and are still contributing in making this Institute a most preferred engineering college for bright young minds to pursue their engineering profession.

From my experience I can assure the prospective parents and students that choice of SFIT as the preferred college will be one that you will always cherish of being the right decision. The management and the entire staff will ensure that we live up to the faith that you have reposed in us.

The engineers that graduate from SFIT will have holistic development through various activities in social work, sports, art and music, technology competitions combined with great academic culture. I wish each one of the very best.

Bro.Vijay Kumar Pereira
Deputy Director, SFIT

Let me begin by extending a warm welcome to the youth to whom the future belongs. Dr. APJ Abdul Kalam rightly said, "Excellence is a continuous process, not an accident." St. Francis Institute of Technologyhas come a long way with quality education imbibed with professional and ethical values. We have always emphasized the importance of values and social responsibilities along with professional competence and research aptitude.

The current scenario at local, national and international level is of intense competition with equal opportunity to all. It is hence essential that the all-round development of our students be given prime importance to prepare them to face global challenges. SFIT campus invites students to channelize their potential by creating the right atmosphere for quality education in a multifaceted and participatory manner. While academic excellence is our major thrust, the institute focusses on regulating a balance between academic learning and extra-curricular activities, which would shape our students into virtuous and wise individuals. We groom our students to become technological entrepreneurs as well as competent industry professionals. We provide our students with state of art infrastructure facilities making sure they get everything that they need to perform their best. Our qualified, experienced and approachable faculty actively interacts with students to guide them and motivate them not just in learning but also in research. We want the students entering our institute to become holistic & responsible professionals who can contribute not only to the technological demands of the world but also the betterment of society. Welcome to a warm academic community.

Dr. Sincy George
Principal, SFIT

ST. FRANCIS INSTITUTE OF TECHNOLOGY

As technology became an important enabler of growth of Indian economy with advent of liberalisation and influx of knowledge economy, the need for talent pool who could harness this opportunity increased. The small numbers of government aided institutes were unable to meet the demand of ever increasing talent pool in the field of technology. This is when the private colleges chipped in to provide the required manpower to the growing economy. The Franciscan Society which was imparting technical training for decades took up the challenge and responsibility of providing higher technical education especially to the Christian minority students and also to the local students from all other communities. It established it first engineering college,St.Francis Institute of Technology(SFIT) in the year 1999. Since its inception SFIT has been consistent high performer in academics with the top 5 ranking every year for last 2 decades.

The Institute has state of the art infrastructure and one of the best teaching staff which helps it maintain high academic standards. The college promotes growth of students through various platforms like Entrepreneurship cell, Research and Development centre, National Social Services, International internship in foreign Universities. The College is affiliated to University of Mumbai and approved by All India Council for Technical Education (AICTE) along with Directorate of Technical Education (DTE), Government of Maharashtra. The Institute follows quality policy and benchmarks and is thus ISO:9001:2015 accredited. Based on the academic performance of students and the quality of research work of teaching staff the courses offered by Institute have been accredited by NBA multiple times. Institute today offers Bachelor of Engineering (B.E), Master of Engineering (M.E) & Doctorate of Philosophy (Ph.D) degree programs in various disciplines

Bachelor of Engineering (B.E) course/intake	Master of Engineering (M.E) course//intake	Doctorate of Philosophy (Ph.D) course/intake
Computer Engineering : 120 Electrical Engineering : 60 Electronics & Telecommunications : 120 Mechanical Engineering : 60 Information Technology : 120	Computer Engineering : 18 Electronics & Telecommunications : 18	Computer Engineering : 10 Electronics & Telecommunications : 10 Information Technology : 10

It is widely now established that technology has been evolving at a much rapid pace in the last couple of decades as compared to the rate at which it evolved over the last couple of centuries. These changes are even faster when it comes to phenomenal developments occurring in the field of Computer Science, Information Technology, and Telecom. These rapid and sometimes complex changes offer both opportunities and challenges to Industry and Academia. This will lead to large scale changes in the job opportunities. With advances in artificial intelligence, data analytics, automation, some existent jobs will be taken over by machine but at the same time new jobs will emerge which will require completely different kind of skills .The new jobs will require higher order of critical thinking, problem solving and analytical mind-set to succeed in the new environment

Industry would like to engage with young graduates who are thorough with conceptual knowledge of their domain and also possess technical competencies required by the Industry.

This helps the Industry to cut down on the training cost and also the time to deploy the resource on live projects. We also see that various employability research reports published by organizations such as Aspiring Minds, Wheebox and others indicate considerable gap in the competencies of graduating engineers and industry expectations. In order to plug this widening gap, we at SFIT are committed to creating engineers who understand the industry needs and will be an asset to organizations and nation at large. SFIT foresees these changes and ensures to take measures to equip students with necessary technical and behavioural competencies. This is achieved through our rigorous and meticulously developed

Mr. Wilson Pinto, Head T&P

academic curriculum and bringing the proper alignment with intense Industry Institute Interaction. In addition to this, we encourage our students to become industry ready professionals through proactive participation in training towards technical certifications, participation in technical competitions, carrying out live projects, seminar presentations on latest topics, community services to give a sense of social awareness and cultural events for showcasing artistic skills.

We successfully mentors the young student into a professional through the 4 year of engineering program.

TRAINING & PLACEMENT ACTIVITIES
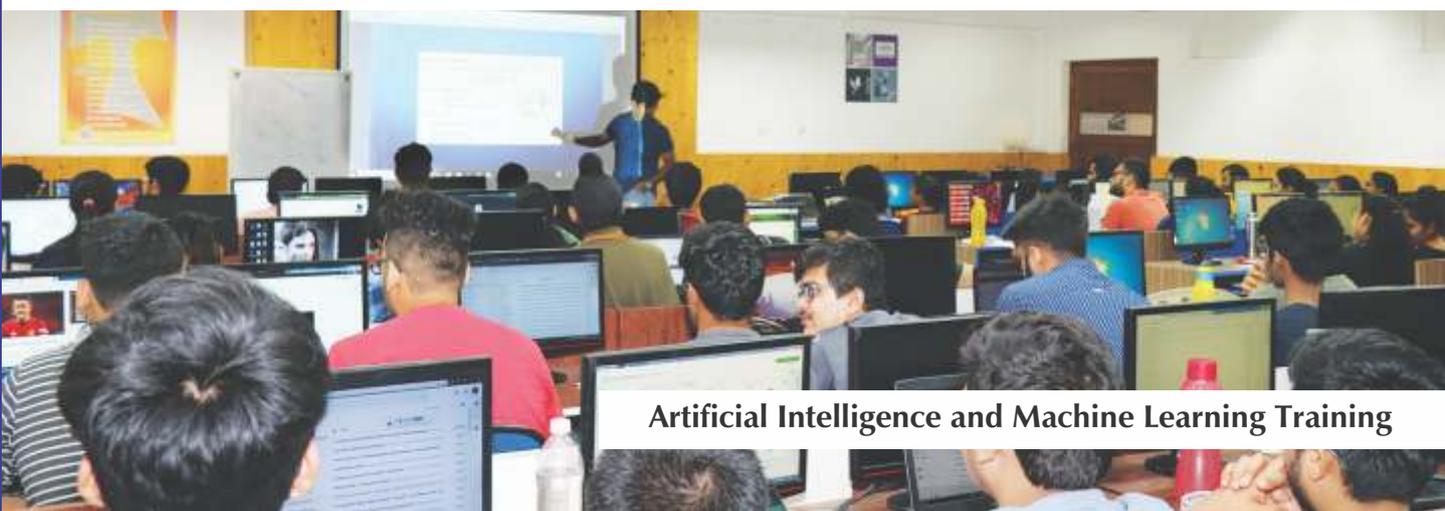

Internet of Things (IOT) Training

We believe that by the time the students graduate from SFIT they will be ready for Industry. The faculty members imparting strong conceptual knowledge and T&P department training on Industry relevant skills from Microsoft, Oracle, Amazon, Cisco to name We have collaboration with Global Talent Track (GTT) and Barclays to impart Soft Skill training to our students. Similarly, we have tie-up with Infosys for technical training. The college Alumni takes active interest in interacting with their juniors to help them understand the latest requirements in Industry and also help in placements.

Following trainings are organised:

- Big Data Analytics
- Information Security
- Azure
- Data Science (AI and ML)
- Programming Principles (using Java or Dot Net)
- Cloud Computing
- Advance Database using Oracle
- Amazon Web Services (AWS)
- Advance Programming

We are happy with outcome of these efforts seen in the excellent placement records. For the batch graduating in 2019 before the declaration of results we have placed majority of students.

No. of offers made by top companies	:	**375**
Highest Package by Browserstack	:	**16 lakhs**
Highest No. of offers by L&T Infotech	:	**174**
Second highest No. of Offers by Tata Consultancy Services	:	**73**

Artificial Intelligence and Machine Learning Training

BNP PARIBAS

amazon

TATA COMMUNICATIONS

TATA CONSULTANCY SERVICES

Mphasis
The Next Applied

SIEMENS
Ingenuity for life

QAD
Our Passion. Your Advantage.

SAMSUNG

Tech Mahindra

XORIANT

SECLORE
Securing Information Wherever It Goes

VitalHealth
SOFTWARE

Justdial

Quinnox
accelerate success

TERADATA

Vistex

LTI
Let's Solve

Future group Reliance

Rave
Technologies

Packt>

Intelligence Node

G10
consultancy

INGRAM
MICRO

SPORTZ
INTERACTIVE

MILES SOFTWARE

Microworld

media.net

Hexaware
TECHNOLOGIES

Feedspot
www.feedspot.com

Directi
Intelligent People. Uncommon Ideas.

customer centria

CRIMSON

AXIS BANK

CLOUDFRONTS
Dynamics 365, Power BI & Azure

NeoSOFT
TECHNOLOGIES

Cognizant

INFORMATION ASSET

Ileebal

Cactus
communications

Spiders

CleverTap

SYNTEL
Consider It Done

Capgemini

MindCraft

NUCSOFT

atidan

ACTY SYSTEM
ACTY SYSTEM INDIA PVT. LTD.

ENDURANCE
International Group

Reliance
Jio

JUBILANT
FoodWorks

BASIC SCIENCE AND HUMANITIES DEPARTMENT

Welcome to the department of Applied Sciences and Humanities which plays a vital role in an engineering college. It caters to the teaching of basic Sciences and Humanities courses for engineering students of all branches.

The main objective of Applied Science in engineering study is to develop a strong knowledge of basic principles of various disciplines in the mind of learners, so that they proceed with their further studies & also keep upto date with the knowledge of basic engineering skills. The Unique strength of the department is its excellent coordination in carrying out various academic responsibilities. It caters to the needs of the society and carves the younger generation into better citizens thus leading the budding engineers to the path of success.

The department consists of subjects like, Applied Mathematics, Applied Physics, Engineering Mechanics, Engineering Drawing, Applied Chemistry, Environmental Science and Communication Skills.

The Department of Humanities and Science has grown in strength over the years in terms of infrastructure including laboratories and faculty. Our laboratories have been very well established not only to cover the complete syllabus but also to motivate students to learn beyond the syllabus which definitely develops complete knowledge of the subject (both the practical and theoretical depth of knowledge).

Our Department is backed by well-educated, talented and dedicated faculty members to fulfill this task. The subjects taught by teachers of this department are of prime importance for the all-round growth and development of students. Teachers are always ready to guide the students whenever they are approached.

Dr. Poonam Hemnani, HOD

The teaching module comprises of lectures, tutorials and practical. The methodology adopted in the classroom teaching is based on application of innovative strategies, comprehensive lectures, regular assignments, projects and interaction between teachers and students. The Department offers the students a dynamic change-agent creating new knowledge, enhancing quantitative skills, moulding and shaping new identities.

We, at SFIT are always striving to perceive and resolve students' queries so that the overall personality of the student can be groomed. The Department of Science and Humanities emphasizes and wishes for increasing the knowledge of the student, enhancing the critical thinking, ability to change information into knowledge and power of analysing any given matter, technically. We are confident that our Engineers will emerge as assets not only to this institution and to the organization that they belong to, but also to the country at large.

BASIC SCIENCE AND HUMANITIES DEPARTMENT STAFF

Laboratory Infrastructure

Laboratory Infrastructure

COMPUTER ENGINEERING

With an objective of producing and nurturing the Computer Science professional's future technological entrepreneurs and early researchers, Computer Engineering department started its journey in 1999. The undergraduate course in Computer Engineering started in 1999 with an intake of 60 seats which now has been reached up to 120 since 2010. In addition to the undergraduate courses department has two postgraduate courses namely ME and Ph.D in Computer Engineering. In line with our vision, we are constantly striving hard to improve in quality and remain committed to focus on excellence at par with global standards.

The Undergraduate program in Computer Engineering aims to develop students' breadth of knowledge across the subject areas of computer science, including their ability to apply the defining processes of computer science theory, abstraction, design, and implementation to solve problems in the discipline. Students take a set of core courses. After learning the essential programming techniques and the mathematical foundations of computer science, students take courses in areas such as programming techniques, automata and complexity theory, systems programming, computer architecture, analysis of algorithms, artificial intelligence, and applications. The program prepares students for careers in Industry, academia and research fields in India and abroad.

Each year about 25% of the final degree year students secure admission for higher studies at top and eminent Universities across the globe and reputed institutes in India. The competent faculty members, talented students, specialized laboratories are the strengths of the department. Department has 'CODEX', a Student association which helps in developing coding skills of students. Every year team of

Dr. Kavita Sonawane, HOD

young engineers from department exhibit their advanced and technical skills in 'Robocon', 'e-yantra' and Smart India hackathon competitions.

Program Educational Objectives of Bachelor's Program (PEOs)
- To prepare the students for successful professional careers in IT industry and higher studies by providing strong fundamentals of mathematical, computing and engineering principles.

- To provide an environment for students to work on advance concepts of computer engineering to enhance their professional capabilities.

- To inculcate entrepreneur Skills by focusing on problem solving skills and training students on building effective communication skills, professional ethics, leadership, teamwork along with a sense of social responsibility in them.

COMPUTER ENGINEERING DEPARTMENT STAFF

Laboratory Infrastructure

Prakalp Intercollegiate Project Competition

The progression of Information and Communication Technology is outpacing the expectations of humankind. Proliferation in the developments of Apps (Applications) and Robotics is astounding. E-Commerce is flourishing and growing at an astonishing rate. As a result, the academic institutes in the country are facing the challenge to produce qualitative engineers capable of delivering effective solutions in the above areas. Taking into account the needs of the industry and our institute's constant endeavor to produce entrepreneurs and employable IT engineers of high quality, the department continues to play an active role to achieve these objectives. In view of the above developments, the Information Technology Department imparts training to students through its well-equipped laboratories and infrastructure to make them competent to be able to devise innovative ideas to serve the society. In addition to imparting technical knowledge, the department also focuses on inculcating ethical values in students.

The department is one among very few to have its own students' association, ITSA (Information Technology Students' Association) with a broader objective of providing freedom to students so that they grow professionally in the technological environment. This has further encouraged them to organize and undergo training in the latest technologies.

Dr. Joanne Gomes, HOD

Consultancy project from Mott-MacDonald India Pvt Ltd

Title: Design And Development Of Web Application For Project Management Process "Design and Development of Web Application for Project Management Process" Client Mott MacDonald Private Limited is a global, employee-owned management, engineering and development consultancy firm working on a range of projects in the transport, water, industry, buildings, energy, environment, health, education, communications and institutional development sectors.

Sanctioned Budget: 640000 INR
Academic Year: 2018-19

Faculty Members with client Mott Macdonald Pvt. Ltd.

INFORMATION TECHONOLOGY DEPARTMENT STAFF

Collooquium Intercollegiate Project Competition

Laboratory Infrastructure

ELECTRONICS & TELECOMMUNICATIONS

The department was established in 1999, with a sanctioned intake of 60 for the undergraduate Bachelors programme. Over the years, we have been striving hard pursuing our vision to become a centre of excellence, by upgrading the qualifications of the faculty, promoting research and developing the infrastructure. In 2010 the sanctioned intake was increased to 120 for the undergraduate Bachelors programme. Slowly but steadily we have grown by introducing the postgraduate Masters programme in 2012 and Doctoral programme in 2015. The UG programme was provisionally accredited for a period of two years from August 2012. The University of Mumbai has granted the institute permanent affiliation in 2015. We are placed amongst the top six institutes in the University as far as the results of first year of engineering are concerned.

Our teaching faculty is constantly climbing the academic ladder and over the years, three of the four professors in the department have been sponsored by the institute and completed their doctoral programmes successfully. They regularly interact with the university, government organizations, other universities and institutes. Five faculty members are currently pursuing their doctoral programme, and five faculty members have successfully completed their masters' programme sponsored by the institute.

We are updating our knowledge by attending workshops, training programs conducted by premier institutes like IITs, NITs and IISCs. Our institute is a remote centre for programmes conducted by IITs under the National Mission on Education through ICT. Faculty experts are taking up the responsibilities of the workshop coordinator and course coordinators for these programs. Faculty members have delivered invited talks in conferences and other institutes. We are presenting and publishing our research

Dr. Gautam Shah, HOD

work in national/international conferences/journals like NCC, INDICON, TENCON, Elsevier and Springer. We have received research grants from and are involved in setting up of syllabus for the Electronics & Telecommunication branch in the University of Mumbai. The department was headed by Dr. T. S. Rathore a retired professor from IIT, Bombay from 2006 to 2012. He has been a constant source of guidance to the department. The institute academic advisory committee consisting of eminent academicians like Dr. S. N. Merchant and Dr. S. Biswas, professors from IIT Bombay, Dr. B. K. Lande, retired professor from VJTI, has always been advising the department for academic improvements. We have had invited talks from eminent personalities of IIT Bombay.

ELECTRONICS & TELECOMMUNICATION DEPARTMENT STAFF

Lab Infrastructure
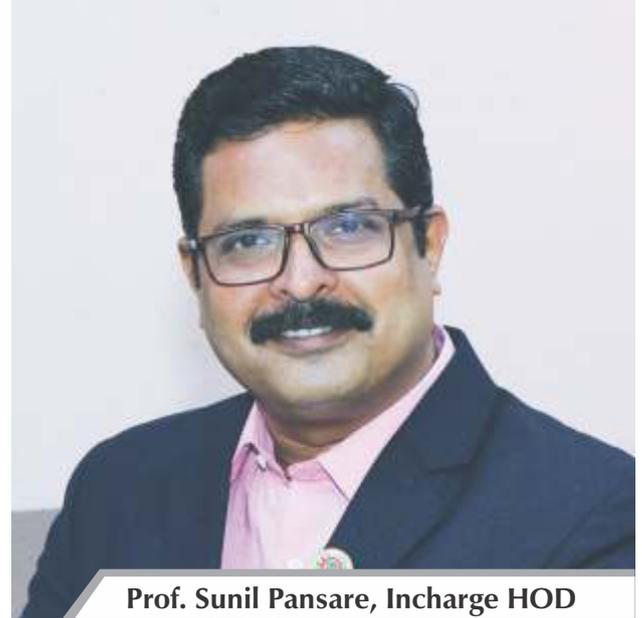

Winner at IMC Innovation Contest

Winner at Pragati

MECHANICAL ENGINEERING

The Department has started in the year 2018 with the permission for Bachelor of Engineering Program. Mechanical Engineering is the branch of engineering that is generally concerned with understanding forces and motion and their application to solving problems of interest to society. The field includes aspects of thermodynamics, fluid and solid mechanics, mechanisms, materials and energy conversion and transfer and involves the application of physics, mathematics, chemistry and increasingly, biology and computer science. Importantly, the field also emphasizes the process of formulation, design, optimization, manufacture and control of new systems and devices.

Technical developments in the last decade have established the importance of interdisciplinary engineering and science and as a result, new technical disciplines within mechanical engineering have emerged. These new areas build on an understanding of the fundamental

Prof. Sunil Pansare, Incharge HOD

behavior of physical systems; however, the focus of this work is at the interfaces between traditional disciplines. Examples of the new disciplines include: micro- and nano-mechanical systems, simulation and synthesis, integrated complex distributed systems and biological engineering.

The Department has started in the year 2018 with the permission for Bachelor of Engineering Program. The objective of the Electrical Engineering graduate program is to prepare students for careers in Industry, research, academics; public sector units, government jobs and higher studies in India and abroad. It accomplishes this by building on the core curriculum to provide a broad and rigorous exposure to the fundamentals (e.g., math, science) and principles of engineering of electrical engineering. The Bachelor of Engineering program will have appropriate balance of classroom teaching, laboratory experiments, Industry visits, internship and finally the projects where students apply the learned concepts to real life problems to solve them. The students are taught to design, analyse, implement and operate electrical and electronics systems efficiently, thus opening the doors to new challenges. In this aspect the students are given in-depth knowledge in Machines, Power Systems, Control System, Signal Processing Drives, Power Electronics Microprocessors and Switched Mode Power Supplies. To impart this we have well qualified experienced and dedicated staff in the

Prof. Megha Fernandes, Incharge HOD

department. Electrical engineering discipline like any other engineering branch emphasizes on the problem solving skills and system-design thinking. The program is also intended to develop soft skills and values in each student like self-reliance, creativity, teamwork ability, professional ethics, communication skills and an appreciation of the importance of contemporary issues and lifelong intellectual growth.

LIBRARY

SFIT believes that the professional growth of students takes place through good reference books. All subjects related and management books are stacked in library to cater to the needs of all students. In addition, SFIT library also gives books to students through its book bank scheme. The library is equipped with hard copy books and also online access to research articles which students often use for their research projects. The LIRC routine services are automated using the LibSuite 6.5 version (Scrum Systems, formerly Soft-Aid). All the transactions are recorded against a bar–code– unique to each document and reader. The Online catalog – WebOPAC is accessible to all registered members of the SFIT community. Digital Collections are also growing at a steady pace. We now provide online access to sample question papers and syllabi through the Digital Library facility.

In addition, the library is creating a repository of the scholarly content (publications) produced by the students and faculty alike using Dspace.

Our LIRC is also a member of the following:
IIT Library, Bombay: Access to the library of IIT Bombay is provided to the students for three days consecutively after approval from the library.

DELNET (Developing Library Network): It is supported by the National Informatics Centre, Department of Information Technology, Ministry of Communications and Information Technology, Government of India and the Ministry of Culture, Government of India. It offers resource sharing facilities by providing access to books not available in the SFIT library. The library has 10 PCs in the Digital Library section which provide access to e-journals and e-books and 2 PCs for WebOPAC for searching the catalogue and placing online reservation

Brief overview of the resources available at SFIT library is given below.
- Collection of over 27000 books (for UG and PG courses)
- Subscription to 38 print journals
- Online Access to IEEE Journals and Conference Proceedings
- Institute Repository – Dspace@SFIT (Abstracts of faculty and students)
- Online Access to NPTEL Video lectures and courses
- Resource Sharing among ACCMI Institutes
- E-Mail reminders for overdue books
- Online Book Renewal and Reservation

INTERNATIONAL INTERNSHIP

To give global exposure to the graduate engineers of SFIT we have collaborations with International Universities like Harrisburg University, U.S.A, Ottawa University, U.S.A, College of Saint Rose, U.S.A, Lindenwood University, Sanata Dharama University, Indonesia and we are working on more collaboration with reputed Universities across the globe for short duration student exchange programs, twining program for graduate and postgraduate programs. Since last 2 years our students go for summer internship program of 1 month duration where students complete credit course on Artificial Intelligence and Machine learning. The students get to learn the concepts from some of the best faculty members in U.S.A and this helps them in their aspiration of pursuing M.S from some of the top Universities in the world. The faculty members from the foreign Universities are invited to give expert talks to the SFIT students. This exchange has helped us giving greater exposure into latest research work and technology updates taking place globally. The internship covers one credit course which can be transferred for the Masters Program.

ENTREPRENEURSHIP AND INNOVATION

St. Francis Institute of Technology (SFIT) focuses on project-based learning which provides a dynamic classroom approach for students to acquire a deeper knowledge through active exploration of real-world challenges and problems. The project based learning process starts right the First Year of the engineering course through PRAYAS, an innovative project competition exclusively for the first year engineering students. PRAYAS acts as a foundation for the higher semester project competition, PRAGATI, a national level platform for promoting entrepreneurship. The institutional vision of transforming youngsters into technological entrepreneurs and innovative leaders is achieved through the well planned and strategically though activities carried out by Entrepreneurship Cell (E-Cell), which mentors and nurtures campus start-ups and Entrepreneurship Skills. Some of the Alumni who have started their own venture are Sandeep Kuttee – IRIS Technologies, Rohan Asthana – Onbac, Nirav Seth – Trell, Mayur Agrawal – G10 Consultancy, Mohit Bhilakia – WEQ Technologies.

Dr. Sincy George
Ph.D., M.Tech., B.E.

Designation : Principal

Total Experience: 28 years

Research Interests: Power Quality, Power electronics in power system

Dr. Deepak Jagdish Jayaswal
Ph.D., M.Tech., B.E.

Designation : Professor and Dean PG

Total Experience: 28 years

Research Interests: Speech and Audio processing, Image processing, Machine learning

Dr. Uday Pandit Khot
Ph.D., M.Tech., B.E.

Designation : Professor, EXTC Dept

Total Experience: 28 years

Research Interests: VLSI, Embedded systems, Microwave , Wireless communication

Dr. Joanne Gomes
Ph.D., M.Tech., B.E.

Designation : Professor & HOD IT Dept

Total Experience: 30 years

Research Interests: Wireless-Communication, Embedded-Systems, and Data-analytics

Dr. Gautam Shah
Ph.D., M.Tech., B.E.

Designation : Professor & HOD EXTC Dept

Total Experience: 28 years

Research Interests: Signal Processing, Control Systems

Dr. Kavita Sonawane
Ph.D., M.Tech., B.E.

Designation : Professor & HOD-Computer Dept

Total Experience: 16 years

Research Interests: Image Processing, Image retrieval, Medical Image anayslsis

Dr. Kevin Noronha
Ph.D. M.E., B.E.

Designation : Dean Academics and Professor

Total Experience: 19 years

Research Interests: Biomedical Signal and Image processing, Network Security

Dr. Chelamallu Hariprasad
Ph.D, M.Tech, B.E

Designation : Professor & Dean Student Affairs

Total Experience: 21 years

Research Interests: Structural Engineering, GIS and Remotesing applciation to Resouces Engineering

SENIOR FACULTY MEMBERS AND RESEARCH SCHOLARS

Dr. Prachi Raut
Ph.D, M.E., B.E.

Designation : Professor IT Dept

Total Experience: 17 years

Research Interests: Wireless Networks, Nano scale communication, Internet of Things

Dr. Nazneen Ansari
Ph.D., M.Tech., B.E.

Designation : Associate Professor

Total Experience: 20 years

Research Interests: Data Analytics and Cloud Computing

Prof. Rajkumar Shende
M.E., B.E.

Designation : Associate Professor, Computer Department

Total Experience: 20 years

Research Interests: Information Security, Machine Learning, Cloud Computing, Internet of things

Dr. Ravindra Chaudhari
Ph.D., M.Tech., B.E.

Designation : Associate Professor

Total Experience: 17 years

Research Interests: Signal Processing, Image and Video Processing, Digital system Design

Dr. Vaishali Jadhav
Ph.D, M.E., B.E

Designation : Associate Professor

Total Experience: 15 years

Research Interests: Learning, Big Data Analytics, Cloud Computing

Prof. Bidisha Roy
Ph.D. (Pursuing), M.E., B.E.

Designation : Associate Professor, Computer Department

Total Experience: 17 years

Research Interests: Data and Web Mining, Computational Intelligence, Advanced Algorithms and Complexity

Dr. Minal Lopes
Ph.D., M.E., B.E.

Designation : Associate Professor

Total Experience: 15 years

Research Interests: Image Processing, System-Network-Information Security, Quantum Cryptography, Internet of Things

Prof. Koti Jayasudha
Ph.D. (Pursuing), M.Tech., B.E.

Designation : Associate Professor

Total Experience: 19 years

Research Interests: Multi Carrier Modulation Techniques, Research Interests, Antenna Design and Analysis

Prof. Nitika Rai
Ph.D. (Pursuing), M.Tech., B.E.

Designation : Associate Professor

Total Experience: 20 years

Research Interests: Wireless and Mobile Communication, Wireless sensor networks, Participatory sensing Analysis

Prof. Anuradha Srinivasaraghavan
M.E., B.E.

Designation : Associate Professor

Total Experience: 15 years

Research Interests: Machine learning, Soft Computing, Data Science, Data Mining

Prof. Santosh Vinod Chapaneri
Ph.D (Pursuing), M.S., B.E.

Designation : Assistant Professor

Total Experience: 18 years

Research Interests: Machine Learning, Signal Processing, Data Security

Prof. Dakshata Panchal
Ph.D. (Pursuing), M.E., B.E.

Designation : Assistant Professor

Total Experience: 17 years

Research Interests: Computer Graphics, Digital Geometry Processing

Prof. Shree Jaswal
Ph.D. (Pursuing), M.E., B.E.

Designation : Assistant Professor

Total Experience: 13 years

Research Interests: Project Management, Software Engineering, Database and Data Mining

Prof. Vandana Patil
Ph.D. (Pursuing), M.E., B.E.

Designation : Assistant Professor

Total Experience: 13 years

Research Interests: Intelligent Systems, Recommender System

Prof. Anjali Ashish Chaudhari
Ph.D. (Pursuing), M.E., B.E.

Designation : Assistant Professor

Total Experience: 16 years

Research Interests: Antenna Design and Analysis

Prof. Mrinmoyee Mukherjee
Ph.D. (Pursuing), M.E., B.E.

Designation : Assistant Professor

Total Experience: 15 years

Research Interests: Visible Light Communication, Wireless Sensor Networks

Prof. Shamsuddin Salauddin Khan
M.E., B.E.

Designation : Assistant Professor

Total Experience: 16 years

Research Interests: Artificial Intelligence, Robotics, Image Processing

Prof. Ansari Vaqar
Ph.D. (Pursuing), M.E., B.E.

Designation : Assistant Professor

Total Experience: 13 years

Research Interests: Database Management System, Database Security Video Processing, Error Concealment, Video Compression Standards

Prof. Vincy Joseph
M.E., B.E.

Designation : Assistant Professor

Total Experience: 15 years

Research Interests: Machine Learning, Soft Computing, Signal Processing

Prof. K. Priya Karunakaran
M.E., B.E.

Designation : Assistant Professor

Total Experience: 15 years

Research Interests: Machine Learning Data Mining

GUEST SPEAKERS

Ms. Kimberly Rieken
Assistant Director of International Programs
Ottawa University
Mr. Frank Trocki
Sr. Partner,
Howell Management Services
Marshfield, MA
Dr. Raj Kettimutthu
University of Chicago, U.S.A.
Dr. Anthony A. Maciejewski
Professor and Head
Dept. of Electrical and Computer Engg. Colorado State University, U.S.A.
Dr. Marylou G. Dewald
Dean, Global Initiatives
Professor, Angell Snyder
School of Business, Ottawa University
Dr. H. Ananthnarayan
Professor, Department of Mathematics, IIT-Bombay
Dr. Kushal R. Tuckley
Professor, Dept. Electrical Engg. IIT-Bombay
Dr. Vivek Agarwal
Professor, IIT-Bombay
Dr. T. S. Rathore
Ex-Professor, IIT-Bombay
Dr. R. D. Kulkarni
Professor and Director
University Institute of Chemical Tech., Jalgaon
Fr. (Dr.) John Rose S.J.
Director,
Xavier Institute of Engineering, Mahim, Mumbai
Mr. James M
AIP-Head, TCS, Mumbai
Dr. Nisha Sarwade
Professor, VJTI,Mumbai
Mr. Aleksandar Zecevic
Professor, Dept. Electrical Engg. Santa Clara University
Dr. Juzer Vasi
Professor, Dept. Electrical Engg. IIT-Bombay

Dr. R.K. Shevgaonkar
Professor, Dept. Electrical Engg. IIT- Delhi
Dr. Bernard Menezes
Professor, CSE Department IIT- Bombay
Dr. B. Krishna Mohan
Head, CSRE, IIT- Bombay
Dr. S. N. Merchant
Professor, Dept. Electrical Engg. IIT- Bombay
Dr. S. Biswas
Professor, CSE
IIT- Bombay
Mr. S. Krishnan
Professor, Department of Mathematics
IIT-Bombay
Dr. S.S Jamuar
UNIMAP, Malaysia
Dr. S. S. Rathod
Professor and Head of Electronics Dept., SPIT, Mumbai
Mr. Aiyappan Pillai
Digital Transformation Leader - IT, Telecom
Dr. Aditya Abhyankar
Professor,
University of Pune
Mr. Nishit Shetty
Red Chillies,VFX and Color, DLH Park,Gorgaon
Mr. Gigi Joseph
BARC, Mumbai
Dr. Rajkumar Kettimuthu
Argonne National Lab, USA
Bro. Alphonse Nesamony
St. Francis Management College, Borivali
Dr. Sanjay S. Pawar
Principal,
Usha Mittal Institute of Technology,
SNDT University
Dr. M. A. Atmanand
Former Director,
National Institute of Ocean Tech., Chennai

Dr. B. Satyanarayana
High Energy Physics Department, TIFR
Mr. Nimish Somaiya
AVP-Data Science and Analytics Reliance Industries Limited
Dr. Varsha Turkar
Associate Professor,
VIT
Dr. Sangeeta Chaudhari
Professor and Head, IT Department
ACPCE, Kharghar
Mr. Thomas Mathew
Reliance Industries Ltd, MumbaiUR EMINENT SPEAKERS
Dr. S. K Ukarande
Principal, K. J. Somaiya Institute of Engg. & IT,
Vidyavihar
Mr. Anthony Lobo
Vice Chancellor, IEEE
TCS
Mr. Thomas Lobo
St. John Technology and Educational Campus
Dr. Amit Dutta
Regional Officer, WRO AICTE
Mr. Sanjay Kimbahune
TCS Yantra Park,
Thane(W)
Mr. Dineshkumar Singh
TCS Innovation Lab member, Thane(W)
Mr. Nagnath Kulkarni
Senior Manager, MTNL Thane(W), Mumbai
Dr. Shehzad Topiwala
Seven Hills Hospital, Mumbai
Mr. Albert W. D'souza
Chairman,
Aldel Education Trust

ALUMNI CONNECT

SFIT which started in 1999 had its first batch of students graduated in 2003. Alumni of SFIT have completed their post graduations in some of the top Universities like Columbia University, North Carolina State University, University of California, University of Cincinnati, Pennsylvania State University, Stanford University in U.S.A and other top Universities in Canada, UK, Australia and some other countries. SFIT Alumni are currently working in India and abroad with top companies or research Institutes of repute. The college has active alumni association which helps in guiding the students in career planning and also helps in guest lectures on latest technology. Alumni also play a significant role in placement activities, Industry Institute Collaborations and other activities. Alumni helps Institute in organizing, Conferences, Seminars, Symposiums, Career Counselling, training of Students, and Recruitment.

Some of the representatives of our Alumni are listed below.

|			
Atharva Tere Adobe, USA	**Manmeet Bhavsar** Amazon, USA	**Vikram Bhatt** Sony PlayStation, USA	**Priyank Cerejo** FedEx, USA
Mitchelle Gonsalves Microsoft, USA	**Shwetha Shetty** SAP, USA	**Ajay Thorve** NVidia, USA	**Adrian Lasrado** Bosch, USA
Sagar Savla Bank of America, USA	**Amruta Baritto** PWC,USA	**Pankti Kansara** SAP Labs	**Austin Dcosta** MOH Holdings Pte Ltd, Singapore
Dr. Nicolle Correa Amazon, USA	**Jason Godinho** Moody's Analytics, USA	**Renzil Dourado** Sales force, USA	**Marsh Alphonso** Deloitte, USA
Jayanti Andhale Walmart Labs, USA	**Padmini Patnaik** Morgan Stanley, USA	**Ninad Faterpekar** JP Morgan Chase, USA	**Lovina D'mello** Oracle, USA
Acquin D'mello Barclays, USA	**Praful Nair** People Soft, USA	**Olivia Rumao** Verizon, USA	**Sumedha Deo** Amazon, USA

FELICITATING ACHIEVERS
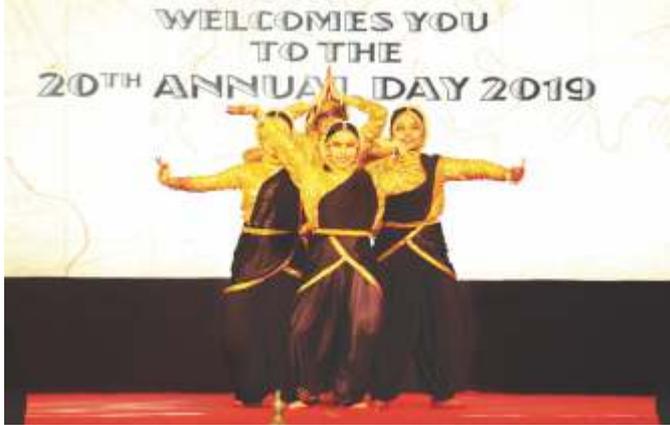
IGNITRA – PROMOTING SPORTSMANSHIP

ADMISSION ELIGIBILITY & RULES

First Year Engineering

(1) Maharashtra State Candidature Candidate.
  (i) The Candidate should be an Indian National;
  (ii) Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational subjects, and obtained at least 50% marks (at least 45% marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together and The Candidate should have appeared in all the subjects in MHT-CET 2019 and should obtain non zero score in MHT-CET 2019. Or (ii) Passed Diploma in Engineering and Technology and obtained at least 50% marks (at least 45% marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only);

(2) All India Candidature Candidates, Jammu and Kashmir Migrant Candidature Candidates.
  (i) The Candidate should be an Indian National;
  (ii) Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational subjects and obtained at least 50% marks (at least 45% marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together and should obtain non zero positive score in JEE Main Paper I or the candidate should have appeared in all the subjects in MHT-CET 2019 and should obtain non zero score in MHT-CET 2019. However, preference shall be given to the candidate obtaining non zero positive score in JEE (Main) Paper I over the candidates who obtained non zero score in MHT-CET 2019

Direct Second Year (Lateral Entry)- Engineering /Technology

(1) For Maharashtra State Candidature Candidate and All India Candidature Candidate:
  (i) The Candidate should be an Indian National;
  (ii) Passed Diploma Course in Engineering and Technology with at least 45% marks (40% marks in case of candidates of backward class categories and Persons with Disability belonging to Maharashtra State only) in appropriate branch of Engineering and Technology from an All India Council for Technical Education or Central or State Government approved Institution or its equivalent; Or (ii) Passed B.Sc. Degree from a University Grants Commission (UGC) or Association of Indian Universities recognized University with at least 45% marks (40% in case of candidates of Backward class categories and Persons with Disability belonging to Maharashtra State only) and passed HSC with Mathematics as a subject, provided that students belonging to this category shall clear the subjects of Engineering Graphics/Engineering Drawing and Engineering Mechanics of the first year Engineering Program along with second year subjects. Or (ii) Passed D.Voc. stream in the same or allied sector.
  (iii) In the above cases, a suitable bridge Courses, if required such as in Mathematics may be conducted. (iv) Any other criterion declared from time to time by the appropriate authority as defined under the Act.
  For details please visit Government of Maharashtra website:
  http://cetcell.mahacet.org/   or   www.dtemaharashtra.gov.in

College Anthem

Lord, make me an instrument of Your Peace

Where there is hatred; let me sow Love

Where there is injury; Pardon

Where there is darkness; Light

Where there is sadness; Joy

Where there is doubt; Faith

Where there is despair; Hope

O, Divine Master; grant that I may not so much seek

To be consoled as to console,

To be understood as to understand,

To be loved as to love,

For it is in giving that we receive

It is in pardoning that we are pardoned

And it is in dying that we are born to eternal life!

- St. Francis of Assisi -

ST. FRANCIS INSTITUTE OF TECHNOLOGY

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