



ST. FRANCIS INSTITUTE OF TECHNOLOGY

BORIVALI WEST, MUMBAI

www.sfitengg.org

BITS-N-BYTES

January to June-2017

**Our Institute has received re-accreditation for all the UG programs -
CMPN, INFT and EXTC from 2016 to 2018.**

CSCITA 2017

2nd International Conference on



**Communication Systems, Computing and IT
Applications (CSCITA 2017)**

After grand success of CSCITA 2014, St. Francis Institute of Technology (SFIT), Mumbai came up with 2nd International Conference on "Communication System, Computing and IT Applications 2017" (CSCITA 2017) on 7th to 8th April, 2017. The conference was aimed at bringing together academia and industry to foster research and provide a platform for future collaborations.

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CSCITA 2017 was technically Co-sponsored by IEEE Bombay Section (IEEE conference record number 38873) and University of Mumbai. The venue of the conference was Hotel Kohinoor Continental, Andheri (East), Mumbai. CSCITA 2017 included 2 keynote addresses, 4 invited talks, one special invited talk on Digital India and 6 oral presentation sessions. Technical papers were accepted in four tracks namely, Communication and Networking, Signal Processing, Software and Process Engineering and Applied Computing and IT and Digital India. In response, 320 full length papers were received from world over. After rigorous review and selection process 52 papers were shortlisted. Amongst the registered papers one was from USA, one from Canada, two from Thailand, One from Australia and two were from Ghana. The event was generously sponsored by South Indian Bank, Catholic Syrian Bank, Aldel Education Trust, Tata Consultancy Services, Karnataka Bank, Galaxy Automation, Relish Caterers, Flame University and Ideal Classes.

Inauguration

The CSCITA 2017 was inaugurated in a formal function on 7th April 2017. The event was graced by chief guest Mr. Gigi Joseph, Chief scientific Officer (BARC) and Guest of Honor Dr. M.A. Atmanand, Ex-Director, National Institute of Ocean Technology. The inauguration function commenced with St. Francis prayer and Saraswati Vandana. Director Bro. Jose Thuruthiyil welcomed all guests and participants.

A ceremonial lamp was lighted to mark the beginning of conference.



Principal Dr. Sincy George, Conference chair, Dr. Kevin Noronha and Co-chair Dr. Joanne Gomes lighting the lamp

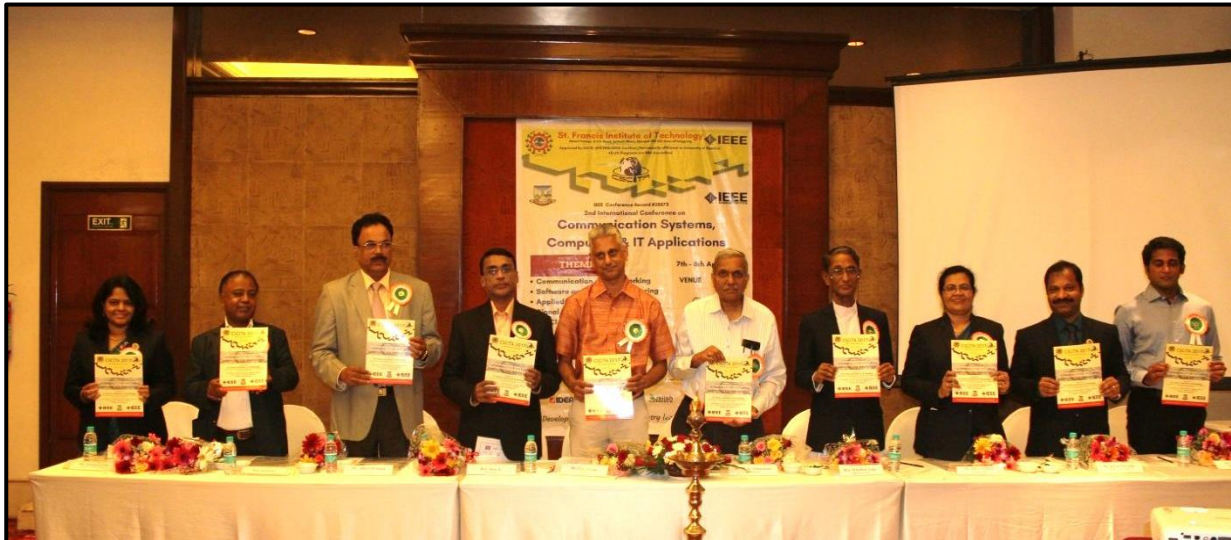


Chief Guest Mr. Gigi Joseph addressing the gathering

Dr. Kevin Noronha, the Conference Chair gave an overview of the conference followed by the release of Conference Souvenir. Guest of Honor Dr. M.A. Atmanand was formally introduced by Dr. Gautam Shah, H.O.D. EXTC and Chief Guest Mr. Gigi Joseph was introduced by the Principal, Dr. Sincy George. Mr. Joseph gave an interesting plenary talk on "Cyber Security Challenges in Digitally Empowered India". The inauguration concluded with the vote of thanks proposed by Dr. Joanne Gomes, Conference Co-Chair.

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Release of Conference Souvenir (from L to R): Conference Co-Chair Dr. Joanne Gomes, Bro. Alphonse, Mr. Albert Dsouza, Director Bro. Jose Thuruthiyil, Chief Guest Mr. Gigi Joseph, Guest of Honor Dr. Atmanand, Former Director Bro. Melchior Tom, Principal Dr. Sincy George, Conference Chair Dr. Kevin Noronha and Keynote Speaker Dr. Raj Kettimuthu.

Keynote Addresses

The quality of the conference can be judged by the key notes and invited talks delivered during the conference. The conference attendees were privileged to have two key note speakers Dr. Rajkumar Kettimuthu, Computer Scientist in the Mathematics and Computer Science Division, Chicago, USA who delivered a talk on “Research Opportunities in the Changing Landscape of Computer, Network and Data” on 7th April 2017 and Dr. Sunil Kumar Kopparapu, Principal Scientist with the TCS Innovations Labs Mumbai delivered a speech on “Recognizing Emotions in Spontaneous Speech” on 8th April 2017. Both of these addresses were quite informative and highly appreciated by one and all.

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First keynote speaker Dr. Raj Kettimuthu delivering his speech.



Second keynote speaker Dr. Sunil Kumar Kopparrapu addressing the participants.

Session Chairs

There were a total of 10 oral paper presentation sessions. Each session included 5 to 6 papers. Experts and researchers from premier technology institutions and industries were invited to chair these sessions.

Dr. Vivek Agarwal, Dr. Bernard Menezes, Dr. S.N. Merchant, Dr. B. K. Krishna Mohan and Dr. Supratim Biswas represented IITB, Mumbai, Dr. Satyanarayana Bheesette from TIFR, Mumbai and Dr. Sanjay Pawar from UMIT, Mumbai. From industry, Mr. Kushal Tuckley (AVG systems) and Mr. Nimish Somaiyya (Reliance communications) chaired a session each. Keynote speakers Dr. Kettimuthu and Dr. Kopparrapu also chaired sessions. SFIT staff members Dr. Joanne Gomes, Dr. Kevin Noronha, Dr. Deepak Jayaswal, Dr. C. Hariprasad, Dr. Gautam Shah, Dr. Kavita Sonawane as well as principal Dr. Sincy George assisted session chairs.

Invited Talks

Attendees of CSCITA 2017 were treated to some of the finest invited talks. Dr. Bernard Menezes from IITB spoke on "Recent Developments in Network Security", Dr. B. K. Krishna Mohan from IITB spoke on "Recent Developments in Satellite Imaging", Dr. Satyanarayana Bheesette from TIFR spoke on "Leveraging Advances in ICT for Experimental Scientific Research", Dr. S. Biswas from IITB spoke on "Automatic Parallelization of Programs for Contemporary Architectures" and Mr. Nimish Somaiyya from RIL delivered a special talk on Digital India.

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Session Chairs for CSCITA 2017



Dr. Vivek Agarwal



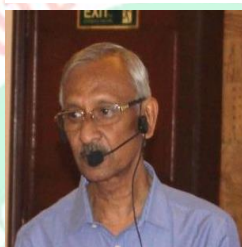
Dr. B. K. Mohan



Dr. Bernard Menezes



Dr. S.N. Merchant



Dr. Supratim Biswas



Dr. Sanjay Pawar



Dr. Kushal Tuckley



Mr. Nimish Somaiyya



Dr. B. Satyanarayana

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Valedictory Function

Valedictory function of CSCITA 2017 took place on 8th April 2017. Dr. Supartim Biswas from IITB was Guest of Honor and Mr. Anthony Lobo, Chairman, IEEE Bombay section was the Chief Guest. Dr. Kevin Noronha, Conference Chair summarized the conference followed by addresses of Chief Guest and Guest of Honor. Mr. Anthony Lobo appreciated the SFIT management and faculty for the successful organization of the conference describing it as a “benchmark” for other IEEE conferences being arranged in India. Four participants gave rave feedback about the quality and organization of CSCITA 2017. The certificates were presented to participants and conference attendees. Best paper awards were announced for each track.

Following were the winners:

Track 1: Communication and Networking: Inderkumar Kochar, Swapnil Chilap, Sandip Dhende, Paper title: Compact Wideband Quarter-Wave Transformer Using Stepped Impedance Microstrip Lines

Track 2: Signal Processing: Archana Dinesh and Edeth Bijoy, Paper title: Privacy Preserving Speech, Face and Fingerprint Based Biometric Authentication System Using Secure Signal Processing

Track 3: Software and Process Engineering and Applied Computing and IT: Bikram Pratim Bhuyan Paper title: Relative Similarity and Stability in FCA Pattern Structures Using Game Theory

Track 4: Digital India: Thongchai Kaewkiriya Paper title: Design of e-Learning Content for Student Guidance Based on ILS and 4MAT Theory



SFIT CSCITA 2017 BANNER

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Former Director Bro. Melchior Tom giving Best Paper Award in Digital India track to Mr. Thongchai Kaewkiriya



Team CSCITA

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In conclusion, CSCITA 2017 was indeed a memorable event for all the participants. The organizing committee members and the entire SFIT staff had put in their best efforts to make it a grand success. The invited speakers, experts and the participants were overwhelmed by the hospitality and meticulous organization of the conference. Team SFIT promises everyone to roll out even better and bigger CSCITA 2020.



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Farewell Ex. Director Bro. Melchior Tom

“How lucky I am to have something that makes saying goodbye so hard.” These are the words of Thomas Meehan and these are the words that are rightly dedicated to our beloved Rev. Bro. Melchoir Tom as, on Tuesday, 18th April 2017 SFIT family bid farewell to their adorable leader. An able leader will never leave his people alone. He will make sure that his people are well guided to achieve the vision he started with. To guide us and take us further ahead, the staff of SFIT delightedly welcomed Rev. Bro. Jose Thuruthiyil as Director of St. Francis Institute of Technology.



REV. BRO. MELCHIOR TOM

After the college anthem, on behalf of the entire SFIT fraternity, Rev. Brother Vijaykumar Pereira extended a warm welcome to all gathered and also introduced the present director to SFIT staff. Outstanding leaders pass the torch while it burns brightly to the next competent leader, in complete confidence that the hand that now bears the torch will illuminate more people with its light and energy. Rev. Bro. Jose Thurthiyil shared his vision towards the betterment of the institution. Rev. Bro. Melchoir with his farewell to SFIT has left a vacuum hard to be plugged. The Administrator of the Complex., Rev. Bro. Mathew Thekkemury and Principal, Dr. Sincy George also shared their memories and experiences they had with Br. Tom.

In response to the heart touching farewell, Br. Tom spoke about the wonderful and cherishing times with SFIT and also blessed each and every staff for all the future endeavors. At this institution, including students, teaching staff, non-teaching staff, there is not a single soul in SFIT who has not been touched by Brother's presence. A video was also shown rekindling the memories and experiences with him. Angels lift us to our feet when our wings have trouble remembering how to fly. Brother has been an angel, a support, an aide, a crutch to SFIT. At the end of the meeting, Rev. Brother Tom was gifted with a token of immense love and gratitude as farewell present.

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Department of Basic Science and Humanities



Ms. Preethi Colaco

FE In-charge & Co-ordinator

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.

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TEAM BASIC SCIENCE AND HUMANITIES



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 analyzing 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.

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Faculty Achievements:

Mr. M. K. Bysani	Symposium	Attended the E -Yantra Symposium at IIT Mumbai from 7-4-17 to 8-4-17
	Demonstration Workshop	Attended the Demonstration workshop for e-Yantra Farm Setup Initiative K. J. Somaya College of Engineering on 16-6-17.
MsDeepaPanakkal	NPTEL – IIT Kharagpur certified Online Course	Successfully completed the 8 weeks online course on <u>Emotional Intelligence</u> conducted during January - March 2017
	NPTEL – IIT Kharagpur certified Online Course	Successfully completed the 8 weeks online course on <u>Speaking Effectively</u> conducted during February - April 2017
Mr. Dinesh Salunkhe	NPTEL – IIT Kharagpur certified Online Course	Successfully completed the 12 weeks online course on <u>Manufacturing Process Technology I and II</u> conducted during January - April 2017



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DEPARTMENT OF COMPUTER ENGINEERING



Dr. Kavita Sonawane
HOD CMPN

DEPARTMENT VISION

The vision of computer science program at SFIT is to continuously improve its educational environment to nurture future technological entrepreneurs and researchers, with strong emphasis on ethics and professional code of conduct.

DEPARTMENT MISSION

To produce quality computer science professionals with sound conceptual and practical skills, having a sense of social awareness and responsibility.

To inculcate amongst the graduates a knack of lifelong learning and critical thinking, leading to generation of new knowledge and its dissemination, through innovative research and development.

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Department of Computer Engineering has enthusiastic team of staff and students for co-ordination and execution of the Computer Society of India (professional Body) activities throughout the year. Being Heart of Our Institute SFIT, we are giving strength, motivation, ethical values to our young aspiring engineers besides technical and professional skill sets. We always encourage our students to be socially aware, responsible, committed, and to become smart citizens of today's era.

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.

I welcome you to join our endeavors to deliver and bring out the best for students at SFIT as a competitive edge.

Department of Computer Engineering has enthusiastic team of staff and students for co-ordination and execution of the Computer Society of India (professional Body) activities throughout the year. Being Heart of Our Institute SFIT, we are giving strength, motivation, ethical values to our young aspiring engineers besides

TEAM CMPN



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EVENTS CONDUCTED/ ORGANISED

Sr No.	Names	Title	Description	Venue	Duration
1.	Mr. Shamsuddin Khan	Atomic Energy for Welfare of Society	Seminar	BARC	1 day 6 th Apr, 2017.
2.	Mr. Shamsuddin Khan	Atomic Energy for Welfare of Society	Industrial Visit	BARC	1 day 7 th Apr, 2017.
3.	Rupesh Mishra AslamNandyal	Data Science and Machine Learning	Workshop	Code-X, SFIT	3 days 18 th , 24 th , 25 th Feb, 2017.
4.	Dr. Vikram Sethe	iBizSim – business simulation	Workshop	e-cell, SFIT	3 days 31 st Dec, 2 nd & 3 rd Jan, 2017.
5.	Dr. Vikram Shete Mr. JerinThankappan	Pragati	project competition	e-cell, SFIT	2 days 17 th & 18 th Mar, 2017.

PAPERS PUBLISHED

Sr No.	Names	Title	Description
1.	Ms. Snehal Kulkarni Ms. Bidisha Roy Ms. Sridari Iyer	"E-Negotiator Based on Buyer's Surfing Patterns"	IEEE CSCITA April 2017
2.	Mr. Shamsuddin Khan	"A proposed system for modifying aspect based opinion mining for ranking of products"	IEEE ICSSS May 2017
3.	Mr. Shamsuddin Khan	"A review of devices using modern dietary assessment methods for reducing obesity"	IEEE ICCCA May 2017
4.	Ms. Dakshata Panchal	"Fraud detection in e-commerce transactions"	IEEE CSCITA April 2017
5.	Sridari Iyer Rupesh Mishra Snehal Kulkarni	"Assess Autism Level While Playing Games"	IEEE CSCITA April 2017
6.	Priya Karunakaran	"Data Migration Methodology From Sql To Column Oriented Databases (Hbase)"	IJARCET, Vol 5, Issue 11, Nov 2016
7.	Dr. Vikram Sethe	"Energy Consumption in Multi-Mode Routers Using AWG and MEMS Switches"	IEEE CSCITA April 2017
8.	Ms. Snehal Kulkarni	"ANFIS based model for negotiation over e-commerce system"	IEEE ICIECS, Vol 4, pg. 137-144.

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9.	Ms. Sneha Nikam	"Cardio-vascular disease prediction using genetic algorithm and neuro fuzzy system"	IJLTET, Vol 8, Issue 2, pg. 104-112.
10.	Ms. Sneha Nikam Ms. Rujata Chaudhari	"Review paper on image spam filtering"	IJLTET, Vol 8, Issue 2, pg. 307-313.

WORKSHOPS ATTENDED

Sr No.	Names	Description
1.	Dr. Kavita Sonawane	Completed "Advanced Medical Image Processing", one semester course in IIT Bombay, conducted by Prof. SuyashAwate.
2.	Ms. Dakshata Panchal	Completed "Digital Geometry Processing", one semester course in IIT Bombay, conducted by Prof. Siddharth Chaudhari.
3.	Ms. Sridari Iyer Ms. Sneha Nikam Mr. JerinThankappan	Attended "iBizSim" – a 3-day business simulation workshop, organized by e-cell, SFIT.
4.	Ms. Sneha Nikam Ms. Rujata Chaudhari	Attended "recent trends in computer engineering and information technology" – a 2 day workshop, VIIT, Pune

OTHERS

Sr No.	Names	Description
1.	Dr. Kavita Sonawane	Session chair for the International Conference MULTICON-W, 2017, TCET.
2.	Dr. Kavita Sonawane	Session chair for the IEEE CSCITA 2017.
3.	Dr. Kavita Sonawane	Core committee organizing member of IEEE CSCITA 2017.
4.	Ms. Bidisha Roy	Core committee organizing member of IEEE CSCITA 2017.
5.	Ms. Anuradha G	Session chair for the International Conference MULTICON-W, 2017, TCET.
6.	Ms. Dakshata Panchal	Core committee organizing member of IEEE CSCITA 2017.
7.	Ms. Snehal Kulkarni	Session chair for the International Conference MULTICON-W, 2017, TCET.

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8.	Ms. Sridari Iyer Mr. Rupesh Mishra	Mentor for Code-X team in Hackathon, Bangalore.
9.	Ms. Ankita Karia Mr. Aslam Nandyal	Mentor for Code-X team in Hackathon, Nagpur.

PYCODE - DATA SCIENCE AND MACHINE LEARNING WORKSHOP



Pycode was a 3-day workshop with one day optional conducted by Code-X committee from Department of Computer Engineering on 18th, 24th and 25th of February, 2017. The workshop had more than 80 participants including students and professionals from SFIT and other colleges. The first day began at the registration desk with a huge crowd lined up excited for the workshop. The workshop began at 9:00 am sharp with Master Achilles Rasquinha's (Student - BE CMPN) in Lab 401 and live streamed on YouTube to rest of the three laboratories. He began with an introduction to the workshop and how will it flow through the day.

On Day-1 Achilles taught python basics on Jupyter Notebook, setting up Anaconda, GitHub, git Basics, Image Processing using Pillow, Image manipulation and creating photo filters. Day-2 began with the revision of few topics that were taught on the first day and continued with Data Science using Titanic and Iris Data Set and were taught how a prediction can be done based on the data. Day-2 ended on a thanking note to all the participants for attending the workshop and Organizer's also inspired them to learn something new every day. Day 3 was an optional day for all the participants as a doubts/revision session. More participants than expected turned up for this session. The committee members also got involved with the speaker to discuss the feedbacks from the participants regarding the event.

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Smart India Hackathon 2017-BETA SQUAD

The Smart India Hackathon 2017 was a presence across nation (pan) India 36 hour nonstop digital programming competition. The Grand Finale was held simultaneously at 26 nodal centres pan India. The participating teams simultaneously competed from across 33 locations in India to offer digital yet sustainable innovative solutions to solve real time challenges faced by the nation. A total of 29 Indian ministries participated giving 598 problem statements to work on, 40,000 students from 2200 participating colleges submitted their 7531 ideas, 1266 selected ideas for the finale. Out of which only 86 proposals were selected for the grand finale under the Ministry of Road and Transport.

Team Beta Squad was selected under the Ministry of Road and Transport and the nodal centre for the same was Nagpur at Shri Ramdeobaba College of Engineering and Management. The Grand Finale began at 7 am on 1st April 2017 and closure happened on 2nd April around 9 pm. Though it was too exhaustive, the energy in the air was so enthralling. The energy got amplified by n-folds when our honourable Prime Minister, Shri. Narendra Modi motivated the aspiring innovators through video conference at 10 pm on the 1st day. His LIVE interaction with students for about 44 minutes at night gave a Midas touch to the whole effort. His tweets about the event made us really proud and we could work effortlessly till the end sailing over the newly gained dosage of fresh energy. The best solutions that got developed during the final hackathon were awarded INR 1 lakh, INR 75,000 and INR 50,000 for the top three teams respectively. Beta Squad stood 10th in this huge hackathon.

It was fantastic experience to be a part of Smart India Hackathon. The organizers at the nodal centres were supportive. We were provided with refreshments, lunch and dinner time to time. No one really could sleep for a minute during these 36 hours. Each one was so involved being part of this nation building initiative. The mentors and judge panels motivated the participants to provide with better and efficient solutions to the problems.

- **Team BetaSquad:**

- Adinath Bajpai
- Saloni Chauhan
- Dylan James
- Archana Mishra
- Samiksha Rahatwal
- Kevin Thomas

- **Mentors**

- Aslam Nandyal
- Ankita Karia



TEAM BETA SQUAD

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Smart India Hackathon 2017 - CODE X

The Smart India Hackathon 2017 was a presence across nation (pan) India 36 hour nonstop digital programming competition. The Grand Finale was held simultaneously at 26 nodal centres pan India. The participating teams simultaneously competed from across 33 locations in India to offer digital yet sustainable innovative solutions to solve real time challenges faced by the nation. A total of 29 Indian ministries participated giving 598 problem statements to work on, 40,000 students from 2200 participating colleges submitted their 7531 ideas, 1266 selected ideas for the finale. Out of which only 86 proposals were selected for the grand finale under the Ministry of Road and Transport.

Team Code-X-SFIT was selected under the Ministry of Defence Production and the nodal centre for the same was Bangalore at Sri Venkateshwara College of Engineering. The Grand Finale begun at 7 am on 1st April 2017 and closure happened on 2nd April around 9 pm. Though it was too exhaustive, the energy in the air was so enthralling. The energy got amplified by n-folds when our honourable Prime Minister, Shri. Narendra Modi motivated the aspiring innovators through video conference at 10 pm on the 1st day. His LIVE interaction with students for about 44 minutes at night gave a Midas touch to the whole effort. His tweets about the event made us really proud and we could work effortlessly till the end sailing over the newly gained dosage of fresh energy. The best solutions that got developed during the final hackathon were awarded INR 1 lakh, INR 75,000 and INR 50,000 for the top three teams respectively. Code-X-SFIT stood 12th in this huge hackathon.

It was fantastic experience to be a part of Smart India Hackathon. The organizers at the nodal centres were supportive. We were provided with refreshments, lunch and dinner time to time. No one really could sleep for a minute during these 36 hours. Each one was so involved being part of this nation building initiative. The mentors and judge panels motivated the participants to provide with better and efficient solutions to the problems.

- **Team Code-X-SFIT:**

- Shivam Desai
- Tejaswara rao Motamarri
- Aditi Pawaskar
- Rutvik Kakadiya
- Jetso Analin
- Ajinkya Kamath

- **Mentors**

- Rupesh Mishra
- Sridari Iyer



TEAM CODE-X

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Department Of Information Technology



Dr. Joanne Gomes

HOD INFT

DEPARTMENT VISION

To create a conducive instrument for transforming the enrolled potential fresher into competent Information Technology professional or entrepreneur with integrity and ethical value.

DEPARTMENT MISSION

To become unit of excellence in teaching, training, research, innovative application and extension work in IT in co-operation with various other departments.

To make knowledge and expertise accessible with various dissemination strategies, including networking with research unit, colleges, government and industry along with the motivation for self-learning.

To integrate teaching, research and practice along with higher education for generation and application of knowledge in line with emerging needs of industry, technical quality with market driven professional pursuits, programs, courses, collaboration.

To develop entrepreneur skills along with ethical and professional values among the students.

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TEAM INFT



The department is one among very few to have its own students' association. The Information Technology Students' Association (ITSA) was formed four years ago 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.

Since its inception the IT Department holds the record of being one of the best Information Technology Departments in the University of Mumbai.

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.

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IT For Society : A Colloquium



The Information Technology department successfully conducted 2nd two-day colloquium "I.T. for Society" on 20-21st January 2017. The program was aimed at familiarizing the attendees with applications of I.T. in various domains and stimulating their minds towards problem solving using latest internet and communication technologies. There were around 400+ participants consisting of S.E., T.E. and B.E. students as well as faculties from the Department of Information Technology. At the colloquium, the attendees got an opportunity to listen and interact with the renowned experts from industry and academia namely – Mr. Nishit Shetty, Chief Business Development Officer at Red Chillies. VFX , Mr. Sanjay Kimbahune, Mr. Dinesh Kumar Singh, Sr. Scientists, Tata Consultancy services, Mr. N.V.Joseph, Deputy Chief Signal & Telecom department, MRVC, Mr. ChinmayGavankar, Country Manager, Large Deals, IBM Cloud at IBM and Mr. GajananBochare, Business Head-Corporate Advisory Services at Mott MacDonald.

Poster and paper presentation competitions were held in the colloquium for showcasing student's own ideas. The competition received good response from student's community and total 72 entries were received for poster competition while 12 entries were for paper presentation. Prize winners under various categories are as follows:

1. B.E. poster competition:

Prize	Poster Title	Group members	Class
1 st	Legends of the golden sparrow	Anuj Potdar, Abhijeet Prabhu Vidhi Shah, Siddesh Yadav	BE IT B
2 nd	3D model generation for education using augmented reality	Mitali Ghotgalkar, Naina Bharadwaj, Disha Kalgamwala, Shreya Padte	BE IT A
3 rd	Automatic code generator using visual drag and drop tools	Salil Dabholkar, Pranay Adarkar, Kevin Chauhan, Divya Iyer	BE IT A

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2. S.E./ T.E. poster competition:

Prize	Poster Title	Group members	Class
1 st	Emergency response system for cars	Chauhan Nirav, Makwana Nachiket, Mondal Amit, More Ajinkya	TE IT B
2 nd	IoT and its application : shoes for blind people	Sayali Jawre, Priya Kumbhar Siddhi Gunaji, Vaibhavi Dharashivkar	TE IT A
3 rd	The Onion Router	Bagwe Aditya, Manek Deep Mehta Rishabh , Purohit Jitendra	SE IT A

3. Paper presentation competition:

Prize	Paper Title	Group members	Class
1 st	Dissociated Swarm	Akhil Kubal, Mihir Kabani, Tushar Hebbar Yash Dedhania	TE IT A
2 nd	Implementation of Mind Control Robot	Jinal Sapariya, Deep Shah, Ekta Singh, Saloni Somaiya	TE IT B
3 rd	Sixth Sense Technology	Shah Dhvani, Poojary Namrata, Mishra Priya Pinto Royson	SE IT B

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Prizes were distributed in the valedictory ceremony along with participation certificates. At the outset, the colloquium was a big success and enriching experience for the participants.

A big thank you to the co-ordinators - Ms. PrachiRaut and Ms. Minal Gonsalves and the HOD - Dr. Joanne Gomes for making the event a big success!

Industrial Visit to Mumbai Traffic Police HQ, Worli.

An Industrial Visit was organized for B.E IT students at traffic police headquarters by Information technology department to study Traffic police IT system to handle traffic in the city.



Students seeking information from officers

Students of B.E. Information Technology A and B divisions visited Mumbai Traffic Police Head Quarters, Worli on 30 and 31st March 2017 respectively. Total of 140 students visited the HQ and got acquainted with high-tech systems being used in Mumbai city traffic control.

Our department's academic advisory committee member Mr. D. K. Kossambe initiated this visit, obtaining required permissions from Joint Commissioner of Police (Traffic), Mr. Milind Bharambe.

The students learned about how use of Information Technology has brought efficiency and transparency in traffic control.

1. **MTP App**: This mobile app developed for traffic control is helpful in determining real time traffic conditions, finding shortest routes for any destination within the city, lodging traffic violation complaints, paying traffic challans through mobile wallet etc.
2. **E- challan**: Challan can be imposed for various traffic violations which will be registered in central database. Intimation is sent to vehicle owners in the form of SMS, E-mal and courier. Various payment methods are available which are transparent and hassle-free.
3. **CCTV**: Feeds from CCTV cameras installed at various traffic junctions are monitored continuously at the HQ. If any violation is observed, evidence is taken in the form of photographs and e-challan is generated instantaneously.



Interaction with students

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4. **Breath-analyser:** To avoid drunk driving cases special breath analysers are being used. Reports generated by these equipment are stored in database along with sufficient evidences.
5. **Traffic dashboard:** This gives real-time visual information about number of challans being generated, location and information of traffic policemen/women on duty, location of towing vans etc.

The students interacted with the staff and gained important insights about the systems. Also made observations about how to improve existing systems. At the outset, this visit was helpful in inculcating social responsibilities and understanding applications of the subjects studied by them in their UG course.

Following faculty accompanied students on the visit:

- Ms. Prachi Raut
- Ms. Nazneen Ansari
- Ms. Vandana Patil
- Ms. Minal Lopes



Faculty felicitating Traffic Police Officer

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(ITSA) Information Technology Students Association Activity

Handled by : Ms. Mrinmoyee Mukherjee and Mr. Bhavesh Pandya

Event	Date	Resource Person
Paper Presentation Seminar for TE	13th January 2017	Dr. Sincy George
Latex workshop	February 2017	Ms. Amrita Mathur
Game Designing workshop on Unity 3D	3rd March 2017	By Guest Lecturer
Paper Presentation Seminar for SE	1st March 2017	Ms. PrachiRaut

T.E project selection seminar conducted by Mr. Amay Tripathi from Don Bosco organized by IT department.

Department Activities

1. Publication details

1. Shree Jaswal, PrachiTawde, "Optimization of SCM using evolutionary algorithm on SVR", 2017 International conference on Big Data Analytics and Computational Intelligence(ICBDACI 2017),23-25 March 2017, in press.
2. Shree Jaswal, Prachi Tawde, " Forecasting demand in supply chain using evolutionary algorithms on support vector regression" International Conference On Telecommunication, Power Analysis And Computing Techniques (ICTPACT - 2017),6th-8th April 2017, in press.
3. Shree Jaswal, Praneet Shah, Vijal Shah, PratyushVerma, Priyal Patel, "Detection of Data Leakage and Its Prevention", National Conference on Emerging Trends in Computer Engineering and Technology(NCETCET'17), Department of Computer Engineering, MIT AOE Alandi(D), 24th and 25th March 2017, in press.

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4. Vivian Brian Lobo and Nazneen Ansari, "Recapitulization of Tweets using Graph-based Clustering," International Conference on Communication System, Computing and IT Applications (CSCITA 2017), IEEE, April 07-08, 2017, ISBN 978-1-5090-4381-1.
5. Ms. Vaishali Jadhav is now a Doctorate in Computer Engineering. Her research topic was "Complex Query JOIN optimization in Parallel Distributed Environment" under the guidance of Dr. Sunita Mahajan, NMIMS University, Mumbai.
6. Ms. Mrinmoyee Mukherjee, Ms. Kavita Sakhardande & Mr. Vijendra Prajapati, "Simulation of Gaussian Pulses for Optical Communication using LDPC code", 4th IEEE International Conference on Innovations in Information, Embedded and Communication systems (ICIIECS), Coimbatore. Mar. 2017 .
7. Ms. Mrinmoyee Mukherjee, Visible Light Communication-A Survey of Potential Research Challenges and Advancements, 2nd IEEE International conference on Electrical, Computer and communication technologies, 22-24 Feb. 2017 Coimbatore.

2. Workshops Organized and Attended

1. Ms. Minal Lopes and Ms. Prachi Raut organised : Colloquium "IT for Society" by SFIT INFT Department, held on Jan 20th, 21st, 2017 along with I.T department members.
2. Ms. Minal Lopes and Ms. Prachi Raut attended Workshops / Seminars Attended: AICTE approved one week STTP on "Internet of Things", computer department, VJTI, 15-22 March 2017.
3. Ms. Sonali Vaidya, Mr. Bhavesh Pandya, Ms. Priyanka Goncalves, Ms. Elizabeth George, Ms. Monalisa Lopes, Ms. Amrita Mathur attended CSCITA conference.

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATIONS



Dr. Gautam Shah

HOD EXTC

DEPARTMENT VISION

To become a centre of excellence globally in the field of Electronics and Telecommunication where teamwork, innovation, and research are encouraged to nurture and develop graduates and post graduates with strong academic foundation and an all-round personality with ethical values.

DEPARTMENT MISSION

- To impart quality technical education and expose students to state-of-the-art technologies in the field of Electronics and Telecommunication Engineering.
- To imbibe ethical and professional values, inculcate the quest for higher learning and an aptitude for research and global competency.
- To develop entrepreneurial skills amongst students to cater to the challenges of industry and society.
- To motivate students towards research, leading to multidisciplinary innovative projects.

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TEAM EXTC



It has always been our endeavour to nurture and develop graduates and post graduates not only with a strong academic foundation, but also with an all-round personality and ethical values. On the academic front, our results are consistent and quite impressive. Students of our department have achieved top university ranks. They are very dynamic and involved in co-curricular & extra-curricular activities.

Our alumni are also doing a great job by returning back to their alma mater and giving their inputs and services. All in all our strength is in the unity of our well qualified and dedicated staff, graceful alumni and vibrant students. We are just seventeen years into existence and moving slowly but steadily towards our goal.

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Events Conducted/ organized/Attended

<u>Sr No.</u>	<u>Names</u>	<u>Title</u>	<u>Description</u>	<u>Venue</u>	<u>Duration</u>
1.	Inderkumar Kochar	Completed NPTEL Online Certification course on Antennas			12 weeks Jan-May 2017
2.	Dr.Kevin Naronha	Conference chair for CSCITA 2017	International conference		April 7-8, 2017
3.	Inderkumar Kochar	'Cell Phone and Cell Tower Radiation Hazards and Solutions'and workshop on IE3D	Seminar	SFIT	1 Day 18 th Feb,2017
4.	Ms Anjali C ,Mr Vaqar Ansari ,Ms Pallavi Patil,Ms Savita Kulkarni ,Ms Quanitah Shaikh, Ms Snehal Lopes,Ms Jovita Serrao ,Ms Shilpa Chaman ,Mr Ramjee Yadav ,Mr Sandip Dhende and Mr Swapnil Chilap.	Attended CMOS, Mixed Signal and Radio Frequency VLSI Design	Workshop by IIT Kharagpur	SFIT	30 th Jan-4 th Feb



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PAPERS PUBLISHED

<u>Sr. No.</u>	<u>Names</u>	<u>Title</u>	<u>Description</u>
1.	Ramjee Yadav, Nelson Agera, Kevin D'Souza	Geographic Location and Delay Based Integrated Routing Metric for Reliable Routing in MANETs	2nd International Conference on "Communication System, Computing and IT Applications 2017" (CSCITA 2017) on 7 - 8 April, 2017.
2.	Inderkumar Kochar ,SandipDhende ,SwapnilChilap	Compact Wideband Quarter-Wave Transformer Using Stepped Impedance Microstrip Lines	2nd International Conference on "Communication System, Computing and IT Applications 2017" (CSCITA 2017) on 7 - 8 April, 2017.
3.	Ms Kavita Sakhardande	Simulation of Gaussian Pulses for Optical Communication using LDPC Code	4th IEEE International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), March 2017
4.	Mr Santosh Chapaneri,Dr Deepak Jayaswal	Improved Image Splicing Forgery Localization with First Digit and Markov Model Features	IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS'17), March 2017.
5.	Mr Vaqar Ansari	Video Stabilization using Image Alignment Approach	IEEE International Conference on Information Communication & Embedded System (ICICES) ,Feb 2017

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6.	Mr Santosh Chapaneri, Dr Deepak Jayaswal	Learning visual saliency with statistical priors	IEEE International Conference on Intelligent and Control , January 2017
7.	Ms Anjali Chaudhari	Printed Meander Line MIMO Antenna Integrated with Air Gap, DGS and RIS: A Low Mutual Coupling Design for LTE Applications	Electromagnetics Research C.2017
8.	Dr Kevin Noronha	Hybrid system for automatic classification of Diabetic Retinopathy using fundus images.	(IC-GET), Online International Conference on IEEE, 2016.
9.	Mr Vaqar Ansari	Multi-Exposure Image Fusion using Guided Filter	International Conference on Signal Processing, (ICSP-SATI 2016)

Mr Inderkumar Kochar, Mr Sandip Dhende and Mr Swapnil Chilap won best paper award for the paper title "Compact Wideband Quarter-Wave Transformer Using Stepped Impedance Microstrip Lines" in CSCITA 2017.

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SEMINAR CUM WORKSHOP ORGANISED

EXTC department organized a seminar cum workshop for 2nd and 3rd year EXTC students on 18th February 2017. Dr. Girish Kumar from IITB presented a talk on 'Cell-phone/Cell-tower Radiation Hazards and solutions' from 9:30 am-11:00 am which was attended by SFIT faculty as well.



EX DIRECTOR BRO. MELCHIOR TOM FELICITATING MR. HEMANT KUMAR,

The talk was followed by hands on session on Hyperlynx 3D EM software, conducted by Mr. Hemant Kumar, research scholar at IITB. Mr. Hemant demonstrated simulation of microstrip patch antenna and monopole antennas on finite and infinite ground plane. The hands on session ended at 1:30 pm. The talk by Dr. Girish Kumar was impressive and the lab sessions were highly effective.



EX DIRECTOR BRO. MELCHIOR TOM FELICITATING DR. GIRISH KUMAR, IITB

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TRAINING AND PLACEMENT CELL

DATES	DESCRIPTION	NO. OF STUDENTS
09/01/2017, 10/01/2017, 14/01/2017, 15/01/2017	Aptitude skills training for SE (Sem III) 2019 batch	190 students
18/01/2017	Higher study briefing by Flame University for TE (Sem VI) 2018 batch	30 students
08/02/2017	Career employability with EES briefing session for TE (Sem VI) 2018 batch	195 students
10/02/2017	Live chat with Mr. Bruce Momijan, co-founder of Postgre SQL by industry TCS for BE (Sem VIII) 2017 batch	3 students
10/02/2017	Post offer connect- webinar by industry TCS for BE (Sem VIII) selected in TCS 2017 batch	3 students
18/02/2017	Introduction/ Briefing session by Head T & P for FE (Sem II) 2020 batch	180 students
17/02/2017	Internship project briefing by external expert "LaqshyaInfosoft" for TE (Sem VI) 2018 batch	67 students
20/02/2017	Post offer connect- webinar by industry TCS for BE (Sem VIII) selected in TCS 2017 batch	9 students
10/03/2017	Internship project briefing by external expert "LaqshyaInfosoft" for TE (Sem VI) 2018 batch	12 students
15/03/2017	Internship project test by external expert "LaqshyaInfosoft" for TE (Sem VI) registered 2018 batch	42 students
23/03/2017	Higher study briefing by Flame university (MBA) for TE (Sem VI) students	95 students
24/03/2017	TCS roadshow on codevita, testimony, enginx for TE (Sem VI) students	309 students
25/03/2017, 26/03/2017, 29/03/2017, 31/03/2017	Aptitude skill training for TE balance students by external expert	45 students
25/03/2017, 26/03/2017	Internship training for TE students by LaqshyaInfosoft	42 students
01/04/2017	Introduction/ Briefing session by Head T & P for FE (Sem II) 2020 batch	92 students

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E Cell Day 2017

The capacity and willingness to develop organize and manage a business venture along with any of its risks in order to make a profit. The most obvious example of entrepreneurship is the starting of new businesses. E Cell Day is a day where Entrepreneurs are called to share their experience with Students to give them a brief idea about how to start a startup, what are the difficulties faced and how to market their product in the market.

There were 5 speakers called on E-Cell Day which was on 4th March 2017 and the session was started from 9 a.m. and continued till 5.30 pm. The students were called in 2 batches, 1st slot was from 9.30 a.m. to 2.30 p.m. and another slot was from 12.30 p.m. to 5.30 p.m.

Mr. Gaurav Karkhanis and Mr.Sanket from Falcon Eduventures conducted a “Think Out Loud” workshop, for students of the First Year (FE) Engineering department from 9 a.m. Onwards as part of the SFIT [E-Cell](#)'s flagship annual event, the Entrepreneurship Day 2015.The students largely benefited from this workshop, as they introduce them to the concept of ‘Thinking Out Loud’, and subsequently shall radically alter their approach and mindset towards difficult challenges in Starting up a new business. It also made them understood that how group works leads to better results.

Mr. Vivek Sirwani Founder at Gofixo a two wheeler service and Repair Company shared his experience to students of the First Year (FE) engineering of as an entrepreneur. Ms. Jessline Cutinho, Shared her experience as the Director, Co-Founder at Royal Neshar. Mr. Datta Kale shared his life experience and achievements as Chief General Manager of RBI.

All these speakers shared their experiences with the students as it shall familiarize them with the core skills required to be an entrepreneur as well as the need and benefits of being one, which subsequently, shall enable them to work towards their own entrepreneurial venture.



STUDENTS PARTICIPATING IN ECELL DAY ACTIVITIES

An entrepreneurial team is a group of people that help spread out the risk of the new venture and also bring in different talents and skill sets to it. An Ecell team tries to bring the talent and skills of students and give them a platform to showcase their ideas on bigger platform. An E-cell day is one such event organized to interact with FE Students to convey this objectives to them.

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PRAGATI

Pragati is the Annual Technical Innovation Competition of SFIT, Borivali organised by the Entrepreneurship Cell, where students from various disciplines compete against each other by creating innovative projects which will benefit the society. It is designed only for second and third-year students of CMPN, INFT and EXTC engineering. The motto of Pragati is to develop technical ideas into projects which have the potential to become market ready products. Pragati was scheduled on 17th and 18th of March, 2017.



PRAGATI 2017 PARTICIPANTS

Pragati has turned out to be a success with 27 groups participating with Minimum Viable Product of their ideas. The projects showcased by students were unique and noteworthy. The students have been working on their projects since the past 3 months showing dedication and enthusiasm towards their idea. The students were judged by a panel consisting of senior faculty members, project managers from Hexaware and L&T, along with alumni. The projects were judged on creativity, originality, scientific rigour, thoroughness, skill and impact on industry.

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IRIS 2017

Event dates: 2nd February and 3rd February



The theme of the IRIS 2017 was '**REMINISCE**'. The event was diligently organized. There was a soul to it. A soul that was vibrant, contagious and exuberant. The minute one set foot into the college you could feel the energy.

The entrance to the college was decorated with hanging origami artwork which straightaway took you back to past. The floating paper boats airplanes and paper frogs brought a smile to everyone's faces. As one took a step into the college a huge boombox depicting the days of fest would be visible

A drop down reading **REMINISCE** was placed at the basketball court which was a treat to the eye. A dropdown was also hung at the building entrance giving a gist of the events during the two day bonanza.

The official **iris website (irisfest.com)** was created by Aakash Dhongade and the domain and hosting provided by styledge, a startup of our own alumini Aaqyl Chaglya. The site had more than 2000 visits.

The social media accounts received a good response with having doubled the number of subscribers to our page

The publicity of iris was done on the following platforms

- IRIS 2k17 has featured on the **brainheaters site**
- It also had an article in the **frapp application**
- IRIS2k17 was mentioned in the **Maharashtra times** along with a brief article

This year the buzz for iris was created much in advance in the form of the various days like:

- 1) **24TH January –jersey day**
- 2) **25TH January –pyjama day**
- 3) **27TH January- twin day**
- 4) **28TH January- checks day**
- 5) **31ST January-traditional day**

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All the days were accompanied by **innovative photo booths** which encouraged the students to participate in large numbers. This year there are 500 photos uploaded and counting with the (**hashtag**) #iris2k17

Our pre iris boasted of a wide range of events; sports, gaming etc.

The first major pre iris event was the **Disco party** held on 25/1/17 which was different from the usual glow party. The location chosen for the very first time was the area adjoining the badminton court and new building. With the combined efforts of the committee, the place had a drastic makeover. The first event of iris 2k17 and was the first success of iris 2k17. The dj for the night was Ashish Nambiar, current student of our college.



What followed was the **Traditional day** which witnessed nearly the whole strength of the college in their traditional attire. A **fashion show** was organised and the winner of the same received a sponsored gift bag from Royal Neshar a start up of our alumini, Jessline Coutinho

2ND February -IRIS day1

- The flagship event, **Battle of the Bands** took centre stage on day 1 with 15 bands participating for the same.
- **Singing competition** simultaneously took place in the seminar hall where each individual was given a platform to showcase his skills
- **Bhulbhulaiya** a game for everyone in teams received a positive response from the students
- The **gaming events** of FIFA, dota 2, CS , mini militia etc. maintained high footfalls as well
- **Rink football** took place in the volleyball court and had its fair share of teams participating
- **An arcade gaming booth** was set up to reminisce the good old days where the games of the golden era were available to everyone to have a go at.
- A glow in the dark arena was created for the students to enjoy **glow cricket**, a fun event which is a crowd favourite.
- A **fitness dance workshop** was organised which was open to all teachers and students alike.
- The **first iris night (Bollywood night)** saw the melodious performance by two renowned bands the opening act by across seconds and the headlining act by starlight. The masses were awe struck and sang their lungs out along with the bands.
- Day 1 served as a preview for day2. The footfall for day2 had doubled right from the morning

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3RD February -IRIS day 2

- The day began by the dancers setting the stage on fire in a **Dance competition**. With 17 individual and duet performers and 5 college teams the response was truly amazing.
- **Mock CID** was a fun game conducted for participants in teams
- **Thingception** was a novel concept introduced to drive you down to lanes of nostalgia with clippings of movies and cartoons of the yesteryears
- A **flashmob** was organised by the IRIS team to entertain the crowds assembled in the basketball court. The crowd was left mesmerised wanting for more
- The gaming events of fifa,nfs dota,C.S , mini militia etc maintained high footfalls as well
- The event everyone was waiting for, the **comedy gig by Azeem Banatwalla** took place in the new building auditorium was loved by all. Before the actual show a performance by Pratik Joshi and Gaurav Dhyani was organised to keep the audience engaged. In all 400 seats were occupied for the show and received huge applauses. The event was a mega success and raised the benchmark for the years to come.

The final event of IRIS2k17 the **EDM night** brought the whole college to life with the new additions of the disco ball and the led wall, the campus was a treat to the eye. The dj for the night was Pritam J a renowned dj in this particular music genre. He gave a fitting end to this eventful fest and the students danced their hearts out.

This year the focus of iris was to promote the talent that St. Francis Institute of Technology possesses and give the students a platform to showcase their skill. It was a time for the students to forget their worries and enjoy themselves.

IRIS-2k17 lived upto its expectations and stood out for being innovative and creative. The feedback for the fest has been magnanimous and been unanimously declared a huge success with the love still continuing to pour in. IRIS-2k17 REMINISCE ended leaving each individual with fond memories and in anticipation of IRIS-2k18. Here's to creating a benchmark of happiness, of success and friendship.

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Annual Day 2017

St. Francis Institute of Technology celebrated its 18th Annual Day on 1st February 2017 with a lot of enthusiasm and zeal. The event was presided by the chief guest Dr. S .S Mohanty , Director of St. Francis Management Institute. The Guest of honor on the occasion was Bro. Dominic Pollaparayil and young achiever Mr. Devendra Shanbhag.

The function began at 5: 45 p.m. The programme commenced with a College Anthem sung by the choir group of our college followed by the prayer dance performed by college students.

At 5:54 p.m , Mr. Rakshit Shetty Joint event student coordinator of IRIS 2017 threw a light on IRIS events to be conducted in next two days. It was followed by auspicious lighting of the lamp by our esteemed guests honourable chief Guest, Guest of Honour, Director, respected Principal, IRIS co-ordinator Ms. Namrata Mankad and Student Coordinator: Mr. Dhruv Dhamani.

This was followed by Welcome speech by our director Bro. Melchior Tom. The Chief guest and Guests of honor were felicitated by Deputy Director Bro. Jose. After that Principal Dr. Sincy George presented the annual report highlighting the achievements of the college and students. She also highlighted the growth and vision of St. Francis Institute of Technology.

Then the young achiever spoke few words about his journey through SFIT and how college helped him to achieve his goals. Subsequently Guest of honor, Bro. Dominic Pollaparayil and Chief guest Dr. S .S Mohanty spoke few words of wisdom and appreciated the college's effort. It was followed by inauguration of IRIS magazine by the honorable chief guest.

Meritorious winners of academic prizes were felicitated with certificates by the chief guest. The rolling trophy of IGNITRA was proudly presented to sport's secretary of the college. Robocon and E-yantra team of SFIT was also felicitated for their achievement in inter-college tournaments. TCS was awarded with Best Employer Award

As a token of appreciation Mementos were given to Chief guest, Guest of honor, Young Achiever by Director. Finally Formal function was concluded by vote of Thanks by Annual Day Coordinator Ms. Amrita Mathur.



ANNUAL DAY 2017

Then began the show where our talented students exhibited their talents on the theme "Reminence". This thematic show of talent, imagination and organization was the essence of the evening. Each group danced to the tune of songs with colourful props, depicting the value of changes from 80s to 2017. The audience was enthralled by a colourful and very well directed dance drama.

The day ended with every glittering star carrying a feeling of happiness and achievement within itself.

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National Service Scheme (NSS)

Activities

SFIT NSS Outreach Programme: Football Is Life (FIL) on January 14, 2017

Eight NSS volunteers had a training programme conducted by Mr. Napoleon, the Project Head of FIL, India at GulMohar Centre, Santa Cruz west, Mumbai.

FIL is SFIT NSS Outreach Programme where our NSS Volunteers will be coaching Football game and Academics to the Underprivileged students of St. Francis Xavier School and Bhiwandi School.

It is a Three Months programme from February to April 2017. A training programme for our 8 volunteers was held on 14th January, 2017 where they were given the guidelines and instructions.

Nihaar Shah, Akaash Seth(EXTC), Umang Mavani, Nishad Mehendale, Amit Pathare(CMPN) and Manan Shukla and Anuj Shastri (INFT) were the happy and enthusiastic participants for the FIL.

Borivli Railway Station Clean Up Drive on January 26, 2017

About 74 Volunteers assembled near the main ticket counter by 8.45 am.

It began by singing National Anthem. Followed by enactment of a short street play to spread awareness about cleanliness, health, hygiene and creating social consciousness among citizens.

Further on, the equipments required to clean the dry and the wet waste were distributed. Each group having approximately 8 members, were provided with brooms, masks, hand gloves, dust pans and garbage bags. Volunteers dispersed off to their allocated location and started cleaning.

There were various occasions wherein volunteers were spotted communicating with local people.

All 8 platforms and subways were cleaned. Simultaneously, along with the cleaning, skits were performed at multiple places in the vicinity of the railway station.

Refreshments were provided to all the volunteers.

All the volunteers were appreciated for their active cooperation.

The event was a successful one and was appreciated by the station master. The objectives were fulfilled.



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IRIS SFIT NSS Fund Raising Event on February 2 - 3, 2017



IRIS DAYS: NSS STALL

Ten NSS volunteers came up with the idea of having a stall during IRIS through we would create awareness among the fellow students about the philanthropic work we do apart from our studies.

The merchandise like Daily wear Cotton T-Shirts at affordable prices were kept for sale and various fun games too were available for all.

The total amount of fund raised was Rs. 3000 which will be utilized for our future NSS activities.

Health Check Up For SFIT Staff On April 20, 2017

12 volunteers of SFIT NSS organized and conducted HEALTH CHECK UP in collaboration with Cardinal Gratias Hospital, Vasai on April 20th 2017. A total of 80 staff members participated in this event.



HEALTH CHECK UP

Yoga Day Celebration On June 17, 2017

On the occasion of World Yoga Day, Yoga Day was celebrated in SFIT campus. It was organized in collaboration with ISHA Foundation.



STAFF AND STUDENTS PERFORMING YOGA

A total of 33 students and staff from college participated in the event.

The volunteers from the foundation emphasized on benefits of yoga and how practicing it can aid to good aid.

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LIBRARY STOCK VERIFICATION from June 19 to June 30, 2017

SFIT LIRC- Library and Information Resource Center conducts Library Stock Verification in order to keep track of all the resources.

This year along with the help of 40 NSS volunteers it was conducted in the duration of 10 days. The stock verification was successfully completed on July 29, 2017. More than 25 thousand books were verified. As a token of appreciation LIRC offered students with Certificates given by Director Bro. Jose and refreshments on July 30, 2017.



LIBRARY STOCK VERIFICATION TEAM

TREE PLANTATION at Bhalivali Village on July 1, 2017

TREE PLANTATION DRIVE BY SFIT STAFF & NSS IN COORDINATION WITH FOREST DEPARTMENT, PALGHAR



Venue:
Medegaon,
Palghar District

Date:
1st July 2017

Participants:
26 NSS
Volunteers
&
6 Staff Members

**No. of saplings
planted: 300**

On the occasion of Tree Plantation Week conducted by Indian Government, SFIT NSS volunteers participated in tree plantation conducted at Bhalivali, Virar. This campaign was led by Local Forest Department which provided the land and saplings to be planted. A total of 27 students and college staff joined this movement leading it to a huge success.

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LEARNING AND INFORMATION RESOURCE CENTRE

The Central Library supports the mission of the Institute by providing resources and services pertaining to the curricula and aiding students, faculty and staff in their pursuit of information and knowledge.

Our services include Circulation of books, journals, project reports, CDs; Online Renewal, providing access to NPTEL videos, access to IAT Model solutions through QR Codes, Book Bank, Scholars and Merit Card facilities, E-Mail Reminders to students for returning books to name a few.

Key Statistics:

Total Number of books added in 2016-2017	Total Number of Books
UG = 1503	UG = 25293
PG = 5	PG = 1138
Book Bank = 42	Book Bank = 1345

Services / Initiatives / Activities:

S.N.	Service / Initiative / Activity	Period
1	Today in News: Daily News Updation service on LIRC's webpage	January 2, 2017
2	Book Bank for Even Semester	January 16, 2017
3	Display of IRIS Magazines during IRIS / Annual Day	January 27 to February 5, 2017
4	Access to IAT Model Solutions through QR Codes	February 14, 2017
5	Display of Faculty Publications	February 14, 2017
6	Reaching Out to students by creating a CR group on Google	February 14, 2017
7	Display of Project Reports for B.E. students	February 22-28, 2017
8	In-house Training to M.L.I.Sc. student – Ms. Navyatha Uchil (SNDT University, Churchgate) for 240 hours as part of her curriculum	February 6 to March 22, 2017
9	Updation to DSpace@SFIT for Images and Abstracts of Faculty Publications	February 20, 2017 – ongoing
10	Access to DELNET is IP-based	February 27, 2017
11	Display of books pertaining to Women's Day	March 7-8, 2017
12	Annual Stock Verification	June 19 to 30, 2017

Achievements:

- 1) Ms. Sucheta Prabhudesai attended a lecture on “Modern Library Services: A Practical Approach” by Dr. Sandeep Bhavsar (Librarian, Welingkar Institute of Management and Research, Mumbai) as part of the Vidyut Khandwala Lecture Series at SNDT University, Churchgate on January 13, 2017.

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- 2) Ms. Chinmayee Bhangе (Librarian) was invited as a Paper-Setter for ICT paper (M.L.I.Sc.) at SNTD University Pariksha Bhavan, Juhu on March 9, 2017.
- 3) Mr. Raheem Sayyad (Library Attendant) has successfully completed Certificate Course in Library Science from Mumbai Marathi Granthasangrahalaya.



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ACKNOWLEDGEMENTS

- Ms. Chinmayee Bhangе (Librarian) – L.I.R.C.
- Ms. Deepa Wilfred Panakkal (Asst. Professor) – Basic Science and Humanities Department
- Ms. Sridari Iyer (Asst. Professor) – CMPN Department
- Ms. Quanitah Shaikh (Asst. Professor) – EXTC Department
- Ms. Purnima Kubde (Asst. Professor) – INFT Department
- Mr. Paul Fernandes (Asst. Professor) – Basic Science and Humanities Department
- Dr. Vikram Shete (Ex. Asst. Professor) – CMPN Department
- Ms. Devashri Shinde (Student) – CMPN Department
- Mr. Nishad Mehendale (Student) – CMPN Department
- Mr. Punit Shah (Student) – INFT Department

