



## Students' Council 2015-2016



- 1 Students council
- 2 Students achievements
- 3 Workshops
- 4 Celebrations and festivals
- 5 College Cultural Club
- 6 Department of FE
- 7 Department of IT
- 8 Department of EXTC
- 9 Department of CMPN
- 10 Training and Placement Cell
- 11 Learning and Information Resource Centre
- 12 Miscellaneous

The **St. Francis Institute of Technology Students' Council** is well known for organizing the college's flagship events such as the Fresher's Party/Convocation, celebrating International Teachers' Day, leading institution technical festival MOSAIC, encouraging cross cultural gathering and inter-religious festivals for both students and faculty. We also cater to the needs of the students in the fields of education, technical and cultural competitions, and issues pertaining to women, society and the environment as a whole

The Students' Council of St. Francis Institute of Technology is known for being a driving force for students within campus and also a governing body to build relations with colleges beyond its boundaries. Established in the year 1999, the Students' Council remains the oldest students' body of this prestigious institute. The Students' Council, host cultural and technical events for students' on campus and beyond, providing essential skills and experience of management, service and hospitality.

## STUDENTS ACHIEVEMENTS

### Amazon Picking Challenge

*SFIT has always been at the forefront of cutting edge technology and has never shied away from a challenging competition. In light of that, two research assistants from SFIT, who also happen to be alumni from the 2014 batch, Mr. Flavian Pegado and Mr. Mithil Raut, contested as a team in the Amazon Picking Challenge in Seattle, USA, in June 2015, where they competed against some of the best robotics enthusiasts from around the world.*

*Bot-Gurus and Research Assistants of SFIT: Mr. Flavian Pegado and Mr. Mithil Raut on their experiences in the Amazon Picking Challenge ,USA.*



**Tell us about the Amazon Picking Challenge.**

The APC organised by amazon.com is a competition which challenged the participants to develop solutions for a typical warehouse automation problem. The aim was to pick up certain objects from a given shelf stocked with items ranging from pencil boxes, soft toys to a large packet of Oreo.

# Styledge

SFIT's student entrepreneurs featured in Hindustan Times



jewellery line. "Setting up an e-commerce interface is expensive, especially for a start-up," he says. "Styledge has helped me become a proud owner of an online store at an affordable price. And they have marketed my brand too, something I would not have been able to do for myself."



**Naomi Leon**, 21, an electronics and telecommunication graduate, and **Aaqyl Chagla**, 21, an IT graduate from SFIT Borivali, started their venture, Styledge, in September 2014. The start-up works to provide ecommerce portals to up-and-coming independent fashion and design brands, also marketing the brands on various platforms (mainly Facebook, Instagram and through blog posts), also providing payment portal integration and providing logistical services

*"The trigger behind setting up Styledge was that we identified the problem that independent fashion brands face and realized that we could set up a platform to provide solutions for the same,"* says Leone.

Gathering information and attracting clients was a major obstacle but with time and communication, they are making it work. *"Finance did not pose a big question mark for us. We used our academic skills to set up our business, but finding a place in the target market is something that we are still working towards,"* she adds. Balancing work and studies was initially difficult but now they say that they have learnt the trade.

*"We work on weekends and ensure all backlog is cleared,"* she says.

Aaqyl and Naomi also delivered a seminar on their experiences establishing their startup, as a part of the SFIT E-Cell's annual flagship event, the Entrepreneurship Day 2015. Their valuable insights as student entrepreneurs undoubtedly proved to be extremely helpful to all the attending students. We wish them all the very best in their future endeavors, and hope to see Styledge achieve great heights of success.

## FR. CONCEICAO RODRIGUES MEMORIAL DEBATE WINNERS



***"Speech is power: speech is to persuade, to convert, to compel."*** -  
**Ralph Waldo Emerson**

SFIT has seen a burst of talent and creativity from the young minds in all areas, right from technical fields such as robotics and tech quizzes to cultural fields and sports, SFITians have explored almost all the spheres. We are now reaching new heights and making an impact on the outside world with not only our technical skills but our strong opinions and powerful voices as well. Achilles Rasquinha and Daniel D'Souza from Third Year won the National level Fr. Conceicao Rodrigues Memorial Debate and Daniel D'Souza was awarded the Best Speaker for the same.

Fr. Conceicao Rodrigues Memorial Debate is a Debate Competition in Mumbai, hosted annually by Fr. Conceicao Rodrigues College of Engineering, Bandra since 1999 to provide a forum for today's youth to articulate views and engage in a dialogue on various affairs that affect the life of the common man, directly or otherwise.

The competition followed a knock-out, non-parliamentary format of debate. The theme was *"Appeasing mist shrouding the hills of reality"*. Shashi Baliga, the renowned journalist was the Chief Guest for the debate. There were 32 participating colleges from all over Maharashtra, Gujarat, Karnataka and Odisha.

This is the third time SFIT has won the Fr. Conceicao Rodrigues Memorial Debate, in 2003 and 2005 too SFITians held the first place. Thus, Achilles and Daniel have kept the legacy alive. We truly hope that SFIT students reach the zenith and earn laurels for the college.  
*(Written by Naina Bharadwaj)*

SFITian is a  
founding member  
of Hyderabad  
based startup



*We've all experienced the struggle of soliciting a handyman for repairs around the house, be it a Carpenter, a Plumber or everything else in between. In India, you don't so much employ a handyman as you court a relationship with them, in order to have your repairs taken care of. It's unfortunate that there isn't an easier online solution to contract a handyman for domestic chores and related services effortlessly as and when the situation calls.*



*Mr. Suraj Dubey, a student of the 2015 batch of SFIT, is one of the founding members of Servesy, a Hyderabad based startup that provides housekeeping and related services across the city. Servesy boasts an array of essential services that can be booked from its website ([www.servesy.com](http://www.servesy.com)) without even registering, including Plumbing services, Carpentry, Electricians, Home/sofa/bathroom/carpet/car cleaning, laundry services, pest control and also general repair services for computers, refrigerators and other devices.*

## Robo Revolution, Bengaluru

*Mr. Mithil Raut and Mr. Flavian Pegado, Research Assistants and Alumni from the 2014 batch qualified for the "Robo Revolution" workshop organised by Swissnex India, Consulate General of Switzerland and Workbench Projects on Robotics and Artificial Intelligence hosted at Workbench Projects maker space in Bengaluru, India from 12th to 15th August 2015. The first in the series of this workshop saw a participation of around 40 from various parts of India*

*The first day began with an introduction by Anupama Prakash, founder director at WP. Dr Balz Strasser, CEO of swissnex india addressed the gathering and gave a brief introduction of Swissnex, an initiative by Swiss government to connect Switzerland and India in the field of Science, Education, Art and Innovation. An ice breaker activity asked participants to interact with others and get to know them. Groups of 5-6 were formed based on the level of comfort in fields of fabrication, electronics and programming.*

*The second day began with a session on sensors and robot perception along with an introduction to localization. These intense sessions explained the probabilistic approach of motion planning and localization in robots. Post lunch each team was asked to decide on an application and make 3D designs for their robot. Participants were provided with electronic components such as motors, Arduinos and sensors to make the robot.*



*The final day saw a frantic effort by each group to get the robots working. While a few struggled with the electronics assembly the others were stuck with programming part of it. The limited resources in electronics challenged the electronic assembly as participants struggled to find a harmonious match of different components. A light painting application using Thymio robot was setup on the upper floor. Around 3pm in the afternoon the exhibition began. The exhibits consisted of line following robot,*

# Workshops

## Google Application Workshop

- Objective of the event: To introduce students to Google applications for professional usage.
- Target group if any: Second and third year students
- Details of the resource person(s): Mr. Yogesh Modak - Customer Success Evangelist , Searce Pvt Ltd.

The seminar, conducted by Mr. Yogesh Modak, introduced the students about the different variety of applications Google has developed and also, how to use those at their full potential for efficient working. The workshop encompassed various google application like Drive, Sheets, Slides, Forms, Calender, Sites. Mr. Yogesh Modak guided the students through the usage of the applications



Participants of SEED with Mr Gaurav Karkhanis

## Student Employability And Entrepreneurship Development

*"Entrepreneurship is living a few years of your life like most people won't, so that you can spend the rest of your life like most people can't."*

The SFIT E-Cell in collaboration with Think Out Loud Edutainment, an alumni startup, hosted the Student Employability and Entrepreneurship Development program over the months of August and September, 2015. The SEED program was spearheaded by Mr. Gaurav Karkhanis, an alumnus of SFIT, who conducted sessions over a span of 7 weeks that involved 20 hours of foundation studies coupled with 20 hours of field work. The SEED program witnessed participation from students across all streams and years, as they engaged in an outcome-based learning system that uses the new venture creation process as a method to develop entrepreneurial competencies in participants. The students were exposed to core concepts that included Team-Building, Effective Verbal Communication, Creative/Innovative Thinking, Decision Making and Problem Solving, among many others. During several phases of the program, the participants were made to engage in hands-on activities that ranged from conceptualizing and enacting an advertisement, to being given a series of educational products that they were expected to market and sell for the highest price possible, thus teaching them essential business skills. The 7-week long program saw a participation of over 40 students, each of whom shall continue working on the concepts outlined in the program. On the whole, this program proved to be a great learning platform for the students and brought them one step closer to being an entrepreneur.

# Workshop on Android Application Development

A workshop on Android Application Development was organized by the Computer Society of India – SFIT on 3rd and 4th of October 2015 in association with ARK Technosolutions.



The workshop was a pre event for National Android Developer Champion in association with Amalgam, IIT Madras. The workshop was supervised by CSI – SFIT Co-ordinator Mrs. Vandana Patil.

The 2 day workshop was divided into 4 sessions. The 1<sup>st</sup> session was about the background of Android, teaching the students about its architecture and the operating system it is based on. The students were briefed about how Android is an open source project is based upon open source operating system, i.e. Linux discussing its advantages and disadvantages. The various versions of Android were discussed and how they evolved from each other.

The 2<sup>nd</sup> session was the basic app development practical. Students were told about the software they were going to use and were guided with the installation process, setting up their app workspace using Eclipse IDE and creating Android Virtual Device to run and test the apps that they build. All the basic steps in setting up with the app workspace and all the properties of a basic app were explained. Various attributes associated within an application like textfields, buttons, inputs and outputs were discussed and implemented. A standalone application based on a simple login interface was created by students and was run on their AVDs.

The 3<sup>rd</sup> session was all the day to day applications development practical. Students were taught how to make a working messaging application. The application created was tested two different AVDs on the same system. A browser application was also taught to students and run on AVD. Students were taught how a music player application works and basic application was created by the students that toggled various songs together. Since the event was a pre event to the NADC(National Android Developer Champion Competition) held by IIT Madras on a national level, in the 4<sup>th</sup> session students were given a problem definition on which they were told to build an application. On the basis of the application developed testing the student's basic knowledge about the android application and speed and accuracy put into the development of the application, at the end 4 students were selected for the national level competition.

# Celebrations and Festivals

## TEACHERS' DAY CELEBRATION

(Contributed by Achilles Rasquinha, GS 2015-16)

In India, Teachers' Day has always remained a day filled with celebrations and joy for teachers' within all institutions, nation-wide. And so, St. Francis Institute of Technology's newly elected Students' Council left no stone unturned to make the day for their teachers, a memorable one.



While the teaching and non-teaching members of the staff remained busy in their meets and discussions for the day, our student-volunteers ensured to pull them out of their busy schedules and gather them into groups, for a morning surprise awaited them. Teachers were then engaged in a healthy battle to bag as many chocolate bars they could, based on the questions put forward by our volunteers. We've ensured that volunteers leave no one behind, even teachers who reside in isolated rooms all alone, in order to join into the game filled with fun and frolic.

While volunteers entertained our teachers upstairs, little did they know that an event organized was given its final touches, downstairs. And so did it begin at 2:30 P.M, in the Assembly Hall. We believed to have lived with the theme of the event which ensures that each



teaching and non-teaching member of the staff receives at least one chocolate for the day, if not many, which is why we had volunteers placed at the entrance with two baskets filled with toffies for our teachers to pick one as they took their seats.

Prachi Kate, our newly elected Cultural Secretary introduced our guests for the event – our teachers. We had Lenryl Sequeira, a student of the third-year, perform beatboxing, a skill what he described to the audience gathered at large as, “a person who makes weird noises with his voice”. With beats echoing till the edge of the Assembly Hall, Lenryl sure did introduce a new form of art, unbeknown to all. He, along with Achilles Rasquinha, sang out some melodious hits as well. Next, we had a dance performance by Naithika Shetty, a student belonging to the third year, and her dance group of second-year students, providing yet another taste of art form and entertaining the audience gathered at large. Savvy Sequeira, the newly elected Sports Secretary introduced the highlight of the event – “SO YOU THINK YOU’RE AN SFITIAN”, an entirely enacted game show hosted by Achilles Rasquinha for 16 teachers, divided into teams of 4, contesting for an ultimate prize. Teachers rushed to catch their seats placed on the podium as soon as voluntary participation was declared. With rounds divided into as follows – LEVEL F.E., S.E., T.E. and B.E., teachers’ went through a set of questions related to simple observations around the campus, and “MINUTE TO WIN IT!” games in each level, wherein the objective was to score maximum number of points based on the task to be performed. Little did the audience know, that a day before the event, as the received their invites, was a number tagged below it. We used these numbers to pick out members from the audience, who then could try answering the questions flashed on the screen along with the contenders seated at the gaming arena and win a prize. With jokes, laughs and heat of the game filled within the Assembly Hall, our teachers ended up with smiles throughout the event. Akash Dhongade, the newly elected Technical Secretary ensured that the game goes smooth with his support, ranging from LIVE projections, to hospitality.



With the game over, winners declared and snacks being served by our volunteers, Mitali Ghotgalkar, the newly elected Women’s Representative of the Students’ Council, gave out her message and thought with respect to the gifts for our teachers to be received. Each teacher was given a tulsi sapling, which denotes how they’ve come to help us students grow into a plants of holiness and strength. We had teachers thanking students for making their day, truly a memorable one.

Mosaic 2015 was celebrated on 15 September, 2015

**mosaic**  
2015



# **NEW DIMENSIONS**

# **ND**

## **The SFIT Cultural Club**

**College  
Cultural  
Club**

***Faculty Coordinator: Ms Deepa Panakkal***

***Student Coordinators: Daniel D'souza , Aakash Dhongade  
and Prachi Kate***



The cultural club has been actively participating and contributing to the cultural zeal of SFIT. The Independence Day was celebrated with an important theme, a message in mind, 'Victim blaming'. With presentations, performances and a play, the message was put across impact-fully by our students. A tribute was paid to Late Dr. A. P. J. Abdul Kalam through a wonderful presentation. In the months of September and October, New Dimensions held auditions for the college contingent for every conceivable cultural category, broadly divided into Literary Arts, Creative Arts, and Performing Arts. These auditions witnessed a huge turnout of enthusiastic students.



Our students from New Dimensions represented SFIT in various competitions and were appreciated and awarded for their participation and performance.

28 Aug,2015	Presentation Competition held at Fr. Conceicao Rodrigues College of Engineering	Achilles Rasquinha Unnati Guha Manasi Vaidya Divya Dave	TE CMPN B	Third place winners
1 Sept 2015	Citywide Parliamentary Debate "Off'd Cuff" at the HR College of Commerce and Economics	Daniel D'Souza and Aishwarya Balwani Unnati Guha and Divya Dave	TE EXTC A BE EXTC A TE CMPN B TE CMPN B	First place winners  Elimination rounds
12 Sept 2015	Citywide Oxford Debate 'Shastrarth 2015" at the NMIMS	Aishwarya Balwani Adarsh Ashok	BE EXTC A BE IT A	Semi-finals
11 - 12 Sept 2015	National Level Oxford Debate at the Fr. Conceicao Rodrigues College of Engineering	Daniel D'Souza Achilles Rasquinhas	TE EXTC A TE CMPN B	First Prize winners  Daniel awarded best speaker

## DEPARTMENT OF FE

### FE Faculty Achievements

Dr. C. Hariprasad	Attended a seminar on Introduction to Structural Engineering at IIT Kaharagpur from 28 September 2015 to 02 October 2015
Ms Rekha Ajikumar	Attended the ISTE approved STTP on Engineering Physics conducted by IIT Bombay from 8 December 2015 to 18 December 2015  Attended a workshop on Structure Solving by Powder X-Ray Diffraction at the Royal College of Science on 28-29 November 2015  Invited as a resource person for a session on Micro teaching at Faculty Induction Programme 2015 at St. Francis Institute of Technology on 9 - 10 July 2015
Ms Beatrice Lobo	Coordinated and attended the ISTE approved STTP on Technical Communication for Scientists and Engineers conducted by IIT Bombay from 31 November 2015 to 05 December 2015
Ms Arti Bhatnagar	Attended a refresher course on Computational Methods in Basic Sciences at the University of Mumbai from 16 November 2015 to 05 December 2015

Mr Ravindra Garmode	Attended the ISTE approved STTP on Technical Communication for Scientists and Engineers conducted by IIT Bombay from 31 November 2015 to 05 December 2015
Ms Preeti Colaco	<p>Attended the ISTE approved STTP on Engineering Physics conducted by IIT Bombay from 8 December 2015 to 18 December 2015</p> <p>Invited as a resource person for a session on Micro teaching at Faculty Induction Programme 2015 at St. Francis Institute of Technology on 9 - 10 July 2015</p>
Ms Belinda Misquitta	Attended the ISTE approved STTP on Technical Communication for Scientists and Engineers conducted by IIT Bombay from 31 November 2015 to 05 December 2015
Ms Astrid D'Souza	Attended the ISTE approved STTP on Technical Communication for Scientists and Engineers conducted by IIT Bombay from 31 November 2015 to 05 December 2015
Mr Bysani Malkondaiah	<p>Attended a workshop on Pedagogy for Effective use of ICT in Engineering Education conducted under National Mission on Education through ICT (MHRD), IIT Bombay</p> <p>Attended the ISTE approved STTP on Technical Communication for Scientists and Engineers conducted by IIT Bombay from 31 November 2015 to 05 December 2015</p>
Mr Utkal Jadhav	Member of the organizing committee for Faculty Induction Programme 2015 held at St. Francis Institute of Technology from 1 July 2015 to 10 July 2015

<p>Ms Deepa Panakkal</p>	<p>Attended the ISTE approved STTP on Technical Communication for Scientists and Engineers conducted by IIT Bombay from 31 November 2015 to 05 December 2015</p> <p>Invited as a resource person to conduct a session on Adolescent Psychology at Faculty Induction Programme</p>
<p>Ms Renita D'Souza</p>	<p>Attended the ISTE approved STTP on Technical Communication for Scientists and Engineers conducted by IIT Bombay from 31 November 2015 to 05 December 2015</p> <p>Attended the Faculty Induction Programme 2015 at St.</p>
<p>Ms Rachel Pereira</p>	<p>Attended the Faculty Induction Programme 2015 at St. Francis Institute of Technology from 1 July 2015 to 10 July 2015</p>
<p>Ms Princy Chacko</p>	<p>Attended the ISTE approved STTP on Technical Communication for Scientists and Engineers conducted by IIT Bombay from 31 November 2015 to 05 December 2015</p>
<p>Ms Rajshree Lisham</p>	<p>Attended the ISTE approved STTP on Technical Communication for Scientists and Engineers conducted by IIT Bombay from 31 November 2015 to 05 December 2015</p>

	Attended the Faculty Induction Programme 2015 at St. Francis Institute of Technology from 1 July 2015 to 10 July 2015
Ms Sebatini Almeida	Attended the Faculty Induction Programme 2015 at St. Francis Institute of Technology from 1 July 2015 to 10 July 2015

**Two –Week ISTE Short  
Term Training  
Programme(STTP) on  
Engineering Physics**

A two week short term training programme on 'Engineering Physics' was conducted by IIT B Bombay under the National Mission on Education through ICT(MHRD Gov. of India)at SFIT.

The programme was conducted from 08/12/2015 to 18/12/2015 which included topics like Electromagnetism, Quantum Mechanics, Magnetism, Optics, Superconductivity, Solid state Physics and Crystallography. Eminent resource persons: Dr. Dipan Ghosh, Dr. Shivprasad, Dr. K. Suresh taught each topic from its basic to advance level. The sessions also included interactive talks, tutorial, quizzes and assignments.

**Two-week ISTE Short Term Training Programme STTP  
on Technical communication**



A short term training Programme on Technical Communication was conducted by IIT Bombay under the National Mission on Education through ICT (MHRD Gov. of India) at SFIT, one of the remote centres. The STTP involved online quizzes, moodle assignments and interactive sessions via video conferencing.

A wide range of topics like scientific method, reading and listening skills, writing skills, oral and presentation skills and communication ethics were covered. Assignments were concept based and added to understanding of the exceptional course material. The interactive sessions posed practical problems and participants were made to perform and share their views across all the IIT Bombay remote centres in India. The content covered was such that it could be effectively utilised in not just class room teaching but in research pursuits as well. It was a learning experience that each participant could cherish and more importantly put to use in teaching their students as well as their own further learning



Date	Seminar/Workshop/Conference	Conductor
9 <sup>th</sup> Sept,2015	Microsoft Azure	Mr. Ashish Jagdale and Mihir Kadam

Ms. Nazneen Ansari		
Vivian lobo and Nazneen Ansari	Multimedia Enabled Virtual Classroom for Distance Education	International Conference on Green Computing and Internet of Things (ICGCIoT 2015) , Greater Noida, India from 8-10 October 2015
Vivian lobo and Nazneen Ansari	Multimedia Enabled Virtual Classroom for Distance Education	International Conference on Green Computing and Internet of Things (ICGCIoT 2015) , Greater Noida, India from 8-10 October 2015
Vivian lobo and Nazneen Ansari	Multimedia Enabled Virtual Classroom for Distance Education	International Conference on Green Computing and Internet of Things (ICGCIoT 2015) , Greater Noida, India from 8-10 October 2015

### Industrial Visits by ITSA

Cedac, Punjab tractor/Swaraj Mazda (Kulu Manali – Chandigarh)

### Staff Activities

*Mrs. Nitika Rai attended a two – weeks workshop on ‘Modeling and Simulation of Mechatronics Systems Using MATLAB and Simulink’ started on 13<sup>th</sup> October,2015.*

*Dr. Joanne Gomes , Mrs. Vandana Patil, Mrs Amrita Mathur and Mrs. Prajyoti Lopes attended two – weeks workshop on ‘ Technical Communication Modeling and Simulation of Mechatronics Systems Using MATLAB and Simulink’ conducted by IIT.*



**Staff  
Publications**

<b>Mrs. Vandana Patil</b>		
Tejal Carwalo, Vandana Patil	Ad-hoc Vehicle Routing Problem	IEEE, International Conference on Green Computing and Internet of things, 2015
Tejal Carwalo, Vandana Patil	Solving Vehicle Routing Problem using Ant Colony Optimization with Nodal Demand	International Journal of Engineering Research and technology(IJERT), Vol. 4, Issue 09 September 2015,ISSN: 2278-0181.

<b>Mrs. Shree Jaswal</b>		
Lissa Rodrigues and Shree Jaswal	Hybrid Model for Improved Page Ranking Algorithm	IEEE International Conference on Control, Instrumentation, Communication & Computational Technologies (ICCICCT-2015)
Harsha Dave and Shree Jaswal	Multiple Text Document Summarization System using Hybrid Summarization Technique	1st IEEE international Conference on Next Generation Computing Technologies(NGCT 2015)

<b>Faculty Publication Details</b>			
<b>Sr. no</b>	<b>Author Name</b>	<b>Paper Title</b>	<b>Publication details</b>
1	Namrata Maharaja	Performance Evaluation of Spatial Multiplexing MIMO-OFDM System using MMSE Detection under Frequency Selective Rayleigh Channel	<i>Global Journal of Researches in Engineering- E, USA</i> , vol.15, Issue 8, Nov 2015
2	Namrata Maharaja	Performance Evaluation of Spatial Multiplexing MIMO-OFDM System using MMSE Detection under Flat and Frequency Selective Rician Channel	<i>International Journal of Science and Engineering Research</i> , vol.6, Issue 11, Nov 2015
3	Monika Cheema	Analysis of MIMO OFDM based WiMAX System with LDPC	IEEE, Presented, ICACC Kochi, Sep 2015
4	Monika Cheema	Iterative ICI Cancellation in MIMO OFDM WiMAX system with LDPC Channel Coding	IEEE, Presented, CICN Jabalpur, Dec 2015
5	Jovita Serrao	Accuracy Estimation Of Approximated Gaussian Distribution Obtained From Fast Forward Selection Scenario Reduction Algorithm	IEEE International Conference on Energy Systems and Application, October 2015 (to be published)
6	Jovita Serrao	Design and Analysis of a Broadband Low Profile Monopolar Patch Antenna with Defected Ground Structure (DGS)	IETE National Conference on Nascent & Advanced Technologies, August 2015

### Workshops/Seminars /Conference Conducted

Sr.no	Date	Title of Workshop/Seminar / Conference	Organizing Body
<b>Gautam Shah</b>			
1	Jul-15	Conducted session on “Course file compilation and Rubric design techniques for outcome evaluation in the 1 week STTP on ‘Faculty Induction Program’	SFIT, Mumbai

### Workshops/Seminars /Conference Attended

Sr.no	Date	Title of Workshop/Seminar/ Conference	Organizing Body
<b>Ravindra C.</b>			
1	Jul-15	Faculty interaction program on Elements of Microelectronics subject	
<b>Kevin noronha</b>			
1	Oct-15	One week workshop on “Next generation networks”	CETTM, Mumbai
<b>Monica C</b>			
1	Dec-15	International conference on Computational Intelligence and Communication Networks	IEEE, CICN Jabalpur
1	Sep-15	International conference on advances in communication	IEEE, ICACC Kochi

		and computing	
<b>Shilpa C</b>			
1	Dec-15	Two week STTP on “Engineering Physics”	IIT Bombay
2	Aug-15	2 days workshop on “ARM , ARM Cortex and RTOS”	SPIT, Andheri
3	Jul-15	1 week STTP, “Faculty Development Programme-2015”	SFIT,Mumbai
<b>Afreenzehra S</b>			
1	Sep-15	Robotics Workshop organized by ARK Tech & Robocart.com in association with AMALGAM, IIT Madras on 12th and 13th Sept 2015	ISTE
2	Aug-15	Google App Workshop by Mr. Yogesh Modak at 29th August 2015,SFIT,Mumbai	SFIT,Mumbai
<b>Shruti D</b>			
1	Dec-15	Two week STTP on “Engineering Physics”	IIT Bombay
2	Aug-15	Google App Workshop by Mr. Yogesh Modak at 29th August 2015,SFIT,Mumbai	SFIT,Mumbai
<b>Jovita S</b>			
1	Dec-15	One week workshop on “CMOS Analog VLSI Design”	SPIT, Mumbai
2	Dec-15	Two week STTP on “Technical Communication”	ISTE, IIT Bombay
3	Oct-15	IEEE International Conference on Energy Systems and Application	IEEE,ICESA

4	Aug-15	IETE National Conference on Nascent & Advanced Technologies	IETE,NCNAT
5	Aug-15	Google App Workshop by Mr. Yogesh Modak	SFIT,Mumbai
<b>Ramjee Y</b>			
1	Aug-15	eSim Faculty Meet	FOSSEE ,IIT Bombay
2	Aug-15	Google App Workshop by Mr. Yogesh Modak	SFIT,Mumbai
3	Jul-15	1 week STTP, “Faculty Development Programme-2015”	SFIT,Mumbai
<b>Snehal lopes</b>			
1	Dec-15	Two week STTP on “Engineering Physics”	IIT Bombay
2	Aug-15	eSim Faculty Meet	FOSSEE ,IIT Bombay
3	Aug-15	Google App Workshop by Mr. Yogesh Modak	SFIT,Mumbai
<b>Nikita Jain</b>			
1	Dec-15	One week workshop on “CMOS Analog VLSI Design”	SPIT, Mumbai
2	Aug-15	eSim Faculty Meet	FOSSEE ,IIT Bombay
<b>Sandip Dhende</b>			
1	Dec-15	Two week STTP on “Engineering Physics”	IIT Bombay
2	Jul-15	1 week STTP, “Faculty Development Programme-2015”	SFIT,Mumbai
<b>Purnima Chandrashekhar</b>			

1	Dec-15	Two week STTP on “Technical Communication”	ISTE,IIT Bombay
2	Aug-15	Google App Workshop by Mr. Yogesh Modak	SFIT,Mumbai
<b>Jay mehta</b>			
1	Dec-15	Two week STTP on “Technical Communication”	ISTE,IIT Bombay
2	Dec-15	Two week STTP on “Engineering Physics”	IIT Bombay
<b>Nelson Agera</b>			
1	Dec-15	Two week STTP on “Technical Communication”	ISTE,IIT Bombay
2	Oct-15	One week workshop on “Next generation networks”	CETTM, Mumbai
3	Sep-15	Phython workshop	IEEE, SFIT
4	Aug-15	Google App Workshop by Mr. Yogesh Modak	SFIT,Mumbai
<b>Vaqar Ansari</b>			
1	Dec-15	Two week STTP on “Technical Communication”	ISTE,IIT Bombay
<b>Qanitah shaikh</b>			
1	Sep-15	Robotics Workshop organized by ARK Tech & Robocart.com in association with AMALGAM, IIT Madras on 12th and 13th Sept 2015	ISTE
2	Aug-15	eSim Faculty Meet	FOSSEE ,IIT Bombay

Staff publications

Faculty	Date	Paper Title	Details
Kavita Sonawane	Aug 2015	Secure data transmission using video	Eighth International Conference on Contemporary Computing., 20-22 Aug 2015, 978-1-4673-7948-9/15 IEEE Xpolre  (Acceptance in 25% of all papers)
Pradhya Pradhan	July 2015	Designing Multicast Wireless Sensor Network	Lambert Academic Publishing, ISBN: 978-3-659-74833-2 pg. 1-37.
Priyanca Fargose	July 2015	Daily Weather Forecasting using Artificial Neural Network	International Journal of Computer Applications, Vol.121(22), pp. 9-13, ISBN 73-93-80887-98-0
Sweedle Mascarenes	Sep 2015	“Development of Web GIS framework for Indian Technical Institutes using open source GIS tools”	IEEE International conference on computer communication and control

**Staff Activity**

Ms. Bidisha Roy, Ms. Anuradha G., and Ms. Dakshata Panchal are pursuing Ph.D.  
 Ms. Nidhi Gaur, Ms. Sridari Iyer, Ms. Jayashri Mittal, Ms. Varsha Nagpure, Ms. Ankita Karia, Mr. Rupesh Mishra, Mr. Aslam Nandyal, Ms. Pradhya Pradhan, Ms. Rujata Chaudhari, Ms. Priyanca Gonsalves, Ms. Varsha Shrivastava, Mr. Jerin Thankappan and Mr. Nathan DLima – attended two-week ISTE STTP on Technical Communication conducted by IIT Bombay at SFIT campus, from 30<sup>th</sup> Nov – 05<sup>th</sup> Dec 2015.  
 Ms. Sridari Iyer published a book “Human Machine Interaction” by Wiley Publications



# TRAINING AND PLACEMENT CELL

## *Our- systems & activities*

### **\* Training:**

The institute Training & Placement Cell is an active Dept. comprised of competent professionals. Department has established full proof systems to counsel & identify students aspirations & focus

- Our systems provide ongoing opportunity to students to undergo extensive Training, employability skills tests, industry experts briefing, Soft Skills training, Basic Technical practices, Aptitude Tests, etc. on regular basis & continued practical's sessions by institute faculties to our students as per set training calendars. Every semester
- We invite top technical experts from reputed leader industries, professionals and business entrepreneurs to transform students to live & current exposure and career guidance to our students.
- We are availing continuous support from reputed industries and companies to mould & train core engineering to boost the career of young Engineers & become most successful engineer of industries.

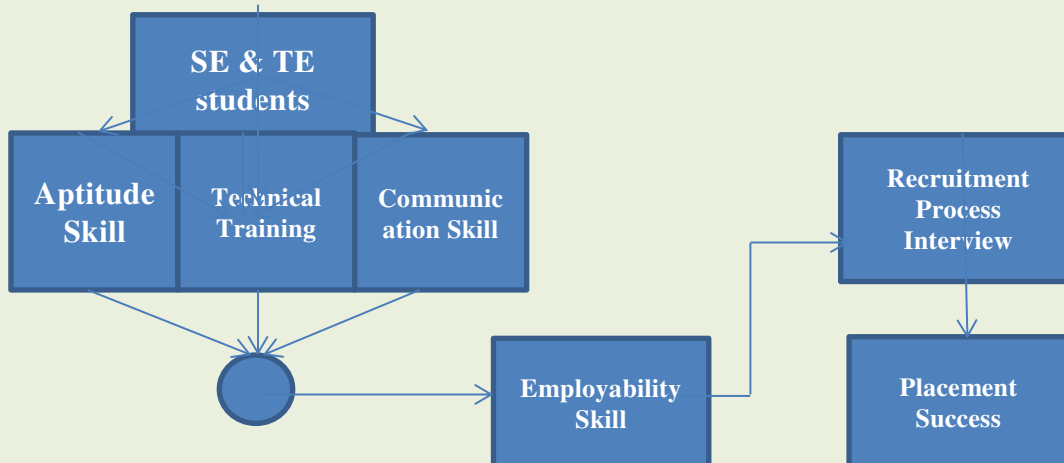
- *The Training and Placement department motivates the students providing the necessary road map, counseling and guidance for their job potential, personality development & students are briefed about corporate sectors/ industry practices.*

### **\* Placement:**

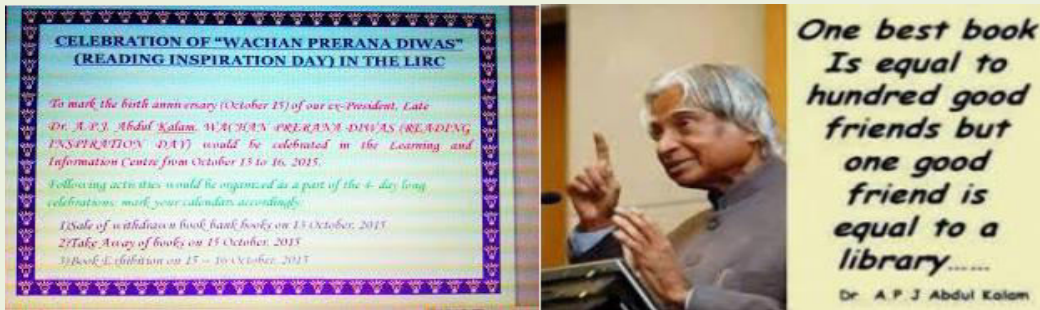
85%-90% of students are recruited by many reputed industries by companies Like TCS, INFOSYS, Cap Gemini, L&T INFOTECH, TECH-MAHINDRA, ACCENTURE, PERSISTANT, GODREJ-INFOTECH, Hexaware, Atos origin, MAQ, Igate, Ingram Micro, Neebal Technologies, Quinnox, Mu Sigma , mindkraft & many more.

More than 45 numbers industries have visited our institute & campus recruitments for 2014-15 achieved 95% placement.

### **Career Grooming Flow Chart**



## CELEBRATION OF "WACHAN PRERANA DIWAS" (READING INSPIRATION DAY) IN THE LIRC



Vaachan Prerana Diwas (Reading Inspiration Day) was celebrated in St. Francis Institute of Technology (Borivali, Mumbai) to commemorate the birth anniversary (15 October) of Late dr. A.P.J. Abdul Kalam - the Missile Man of [India](#).

As part of the celebrations, the Learning and Information Resource Centre (Central Library) initiated a few activities as outlined below:

- 1) Take Away of Books
- 2) Sale of withdrawn books
- 3) Book Exhibition
- 4) Modification of the overdues
- 5) Extending Scholar's Card facility to students whose GPA is  $\geq$  8.6.

The LIRC witnessed a huge response for the Take Away of books and the Sale of Withdrawn book bank books. More than 150 people visited the library and an odd 100 availed the same. Staff and students alike were happy and all smiles since almost everybody got something to carry with them.

Book Exhibition was well organized with a majority of the books on "Wireless Communications". Many faculty members glanced through the displayed books and a few selected them too.

The modification in the overdues structure came as a pleasant surprise for the student community and they were more than happy to take note of their reduced fines.

From the next semester onward, Scholar's Cards would be extended to students whose GPA is  $\geq$  8.6 thereby maximizing the library's usage.



All in all, the library did mark the Vaachan Prerana Diwas by offering a tribute to the vision and knowledge of Dr. A.P.J. Abdul Kalam.

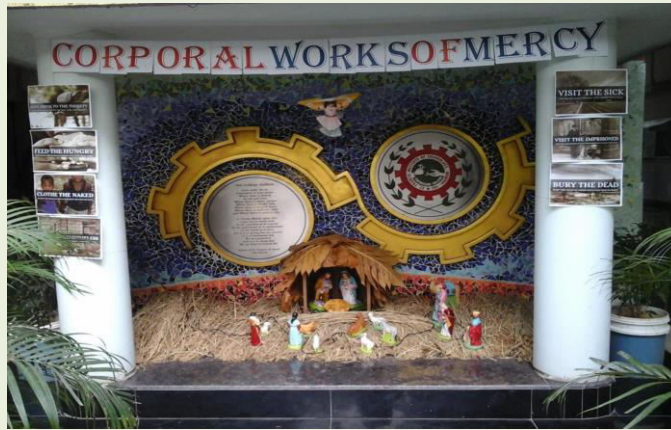
The Library is very grateful for the large number of book donations it receives from students – both current and ex, academics and those associated with the College from time to time. Many alumni decide to donate some of their books to the Library after they have finished studying as a way of saying thank you to the College. This has helped the Library to maintain its collections over the years. Abhijeet Maharana, our alumnus of CMPN branch is one of them. He was an avid library user and now whenever he comes down to Mumbai, he makes it a point to visit his Alma Mater and the library. When he was a student, he did donate many e-books to our library. This time too, he has donated few books to the library through Amazon. We are very happy to receive the following five books in our collection:

- 1) Turning Points by Dr. A.P.J. Abdul Kalam
- 2) Elon Musk: How the billionaire CEO of SpaceX and Tesla is shaping our future by Ashlee Vance
- 3) Wings of Fire: an autobiography by Dr. A.P.J. Abdul Kalam
- 4) Blockchain: Blue Print for a new economy by Melanic Swan
- 5) Mastering Bitcoin by Andreas Antonopoulos

Abhijeet is currently in Seattle (Washington state) working with Amazon as an SDET on their mobile platform.



With this wonderful rangoli, the cultural committee added to the auspicious occasion of Diwali wishing all the SFITians in a colourful way.



“Joy to the world the Lord has Come!

Let Earth receive her King”

To spread the joy and blessings of Christmas with the theme ‘Seven Corporal Works of Mercy’ in mind, the cultural committee created the Christmas crib at our college. Merry Christmas!

## IETE IV to Pepsico

IETE SFIT organized an industrial visit to Pepsico Industrial Beverages Manufacturing Plant in Mahul. The aim of the I.V. was to give the engineering students an insight about the industrial assembly process of manufacturing and the operation of a large scale production assembly working.

The students were introduced to the production engineering, the scale of manufacturing which takes place in the industries. They also learnt how various parts of the same industry co-ordinate to form the final required product.

Through this Industrial Visit to Pepsico Plant the students were given the experience of industrial activities, the knowledge of various machines used, the management of labour, also how to

store the product after its manufacturing. The act of Pepsico of helping HIV affected families and

spreading the awareness regarding the same has enlightened us that along with the business, production and supply we also have some responsibility towards the society.