ST. FRANCIS INSTITUTE OF TECHNOLOGY
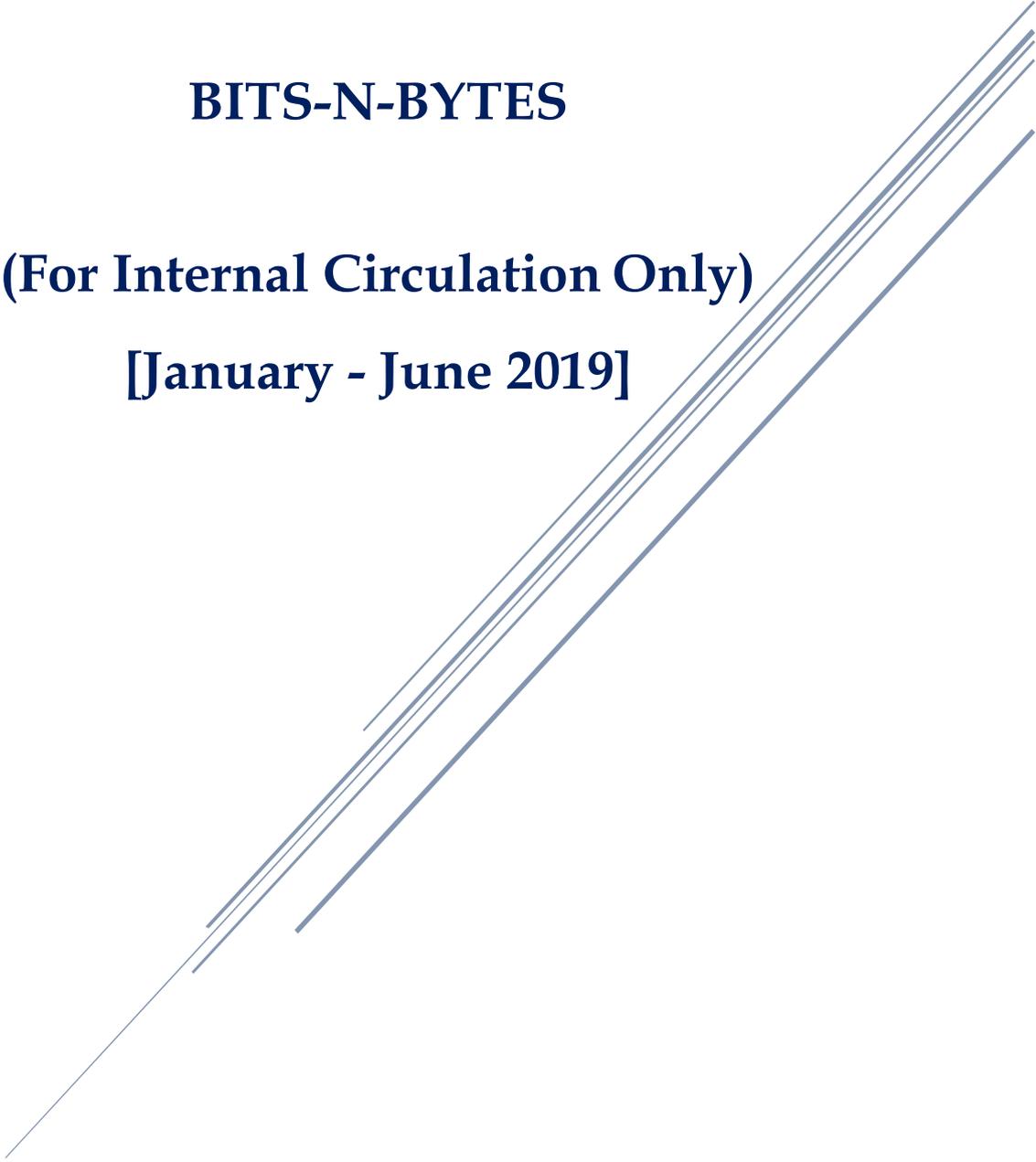# BORIVALI WEST, MUMBAI

BITS-N-BYTES

(For Internal Circulation Only)

[January - June 2019]

DEPARTMENT OF INFORMATION TECHNOLOGY

Workshop on Data Integration Using Pentaho

The ITSA Committee had organized a workshop on Data Integration Using Pentaho on 16 March 2019 for the Second Year, Third Year and Fourth Year students of all departments. The resource person for the workshop was Mr. Nilesh Bane.

Pentaho helps today's leading businesses to make faster and better business decisions. So, coping ourselves with the growing trends helps to survive for a long term in this competitive IT market. It helps to increase your retention and career opportunities by driving transformation and growth in your organization.

The workshop focused on the following key points:

- Demonstration of the applications.
- Gain familiarity with Pentaho tools
- Understand ETL and get hands on with Pentaho Data Integration (ETL process)
- Understand Data migration process

Students learnt core Data Integration (ETL) and how to interact with the GUI of enterprise version of Pentaho. Students learnt the use of Pentaho Data Integration to cleanse and correct data, load data from and write data to different data sources.

Ms. Grinal Tuscano	Mrs. Mrinmoyee Mukherjee	Dr. Joanne Gomes
(ITSA Co-ordinator)	(ITSA Co-ordinator)	(HOD)

Intra-Department Debate Competition

The ITSA Committee had organized an Intra-Department Debate Competition on 20 March 2019 for the all students of the IT department with an aim to make students reflect on the day to day issues and to help them put forth their views and ideas regarding the same.

The competition comprised of three rounds, at the end of which, teams were eliminated. The topics were decided forthwith. The competition was conducted simultaneously in labs- 301 A, 302 A, 302 B.

Topics for the debate are listed below:

1. Should 75% attendance be mandatory?
2. Should cigarettes be banned in society?
3. Is a week's holiday required between two consecutive papers?
4. Are video games violent and do they affect day to day life?

Results of the competition:

Winners   :   Jason Mendes   Sanjana Bhairi   Matthew Lepcha   -
First Runners Up :   Jessica Kakkanad   Prem Shah   Rohan Rajak   Deep Shah

Debate competition helped the students realize that choosing words wisely is more important than raising voice. It also helps students improvise their critical-thinking and presentation skills

FACULTY PUBLICATIONS

Sr. No	Author's Name	Paper Title	Publication Details
1.	Dr. Nazneen Ansari	Parking Management System	International Conference on Efficacy of Software Tools for Mathematical Modeling (ICESTMM 2019), vol. 12, no. 8, pp. 1-6, April, 2019.
2.	Dr. Nazneen Ansari, Vivian Brian Lobo, Vaibhav Pawankumar Kala, Snehal Walter D'mello, Elizabeth George	Placement Data Anatomization Using Tableau	International Conference on Efficacy of Software Tools for Mathematical Modeling (ICESTMM 2019), vol. 12, no. 6, pp. 1-6, April, 2019.
3.	Dr. Nazneen Ansari	Performance Evaluation of Association Rule Mining Using Weka Tool	International Conference on Efficacy of Software Tools for Mathematical Modeling (ICESTMM 2019), vol. 3, no. 7, pp. 1-6, April, 2019.
4.	Dr. Nazneen Ansari	Proposed Research for Detecting Poachers	International Conference on Efficacy of Software Tools for Mathematical Modeling (ICESTMM 2019), vol. 12, no. 7, pp. 1-6, April, 2019.
5.	Dr. Nazneen Ansari	Learning (DGBL): Design and Development of an Educational Game	Digital Game-Based International Conference on Efficacy of Software Tools for Mathematical Modeling (ICESTMM 2019), vol. 1, no. 5, pp. 1-6, April, 2019.
6.	Dr. Nazneen Ansari	Investigating Enterprise Software System Integration Prototypes	International Conference on Information Science and Computer Network (IC-ISCN 2019), vol. 11,

		Involved in Integrating Disparate Software Systems	no. 2, pp. 1-6, February, 2019.
7.	Dr. Nazneen Ansari	Proposed Software Process Model and Template for Integrating Disparate Systems	International Conference on Information Science and Computer Network (IC-ISCN 2019), vol. 1, no. 8, pp. 1-6, February, 2019.
8.	Vaibhav Kala , Bhavesh Pandya , Vivian Brian Lobo, Al-Anoud Alharbi	Sentiment Analysis of Twitter Data to Predict the Performance of Movies	International Conference On Intelligent Systems And Communication Network 1, February, 2019.
9.	Dr. Vaishali Jadhav, Advait Joshi, Bhumi Mehta, Bhavi Maniar, Krisha Kothari	Predicting Stock Market Price using Recurrent Neural Network	International Conference on Intelligent Computing and Control Systems. ICICCS, May 2019
10.	Dr. Vaishali Jadhav, Swati Modi, Disha Modi, Pooja Patel, Noella Thomas	Fake News Detection	International Journal of Research and Analytical Reviews, April 2019
11.	Prajyoti D'silva, Snehal Walter D'mello, Sweedle Adley Machado, Supriya Solaskar	Securing ATM pins and passwords using Fingerprint based Fuzzy Vault System	2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA), -, pp. 1-6, April, 2019.
12.	Alvina Alphonso, Asmi Patel, Dhwani Shah, Priya Mishra, Namrata Poojary	Analysis and Prediction of Crimes Against Women	International Conference on Efficacy of software Tools for mathematical Modelling, 2019, Vol. 1, April, 2019.

FACULTY ACHIEVEMENTS

Faculty	Course title	Duration
Ms. Grinal Tuscano	NPTEL – IIT Kharagpur certified Online Course	Completed 12 weeks online course with "ELITE" Class on "Introduction to Automata, Languages and Computation" conducted during January-April 2019
Ms. Mrinmoyee Mukherjee	NPTEL – IIT Kharagpur certified Online Course	Successfully completed the 12 weeks online course on "Problem Solving Through Programming in C" conducted during January-April 2019
Ms. Purnima Kubde	NPTEL – IIT Kharagpur certified Online Course	Completed 4 weeks online course with "ELITE" Class on "Design Of Mooc" conducted during January-February 2019
Ms. Prajoyti Dsilva	NPTEL – IIT Kharagpur certified Online Course	Completed 8 weeks online course with "ELITE" Class on "Data Mining" conducted during February-March 2019

Minor Research Grants 2018-19

Sr. No.	Principal Investigator	Title of the Project	Sanctioned Budget (Rs.)	Total Sanctioned Budget (Rs.)
1.	Dr. Prachi Raut	IoT based Automated Biling and Checkout System	40,000	
2.	Ms. Grinal Tuscano	Automation Dam Shutter Mechanism for Flood Controlling and Irrigation using IoT	35,000	1,35,000
3.	Ms. Prajyoti D'silva	Multi-purpose Vehicle (Hovercraft) for Military Applications	35,000	
4.	Ms. Sonali Vaidya	3D Architectural Blueprint	25,000	

Sr. No	Year	Name of the Student	Event	Organizing College	Achievement
1	18-01-2019, 19-01-2019	Robin Anthony	Colloquium 2019 "Inconspicuous Perception"	SFIT, Mumbai	First Prize
2	18-01-2019, 19-01-2019	Shruti Pednekar	Colloquium 2019 "Inconspicuous Perception"	SFIT, Mumbai	First Prize
3	18-01-2019, 19-01-2019	Tilsy Thankachan	Colloquium 2019 "Inconspicuous Perception"	SFIT, Mumbai	First Prize
4	18-01-2019, 19-01-2019	Yash Malhotra	Colloquium 2019 "Inconspicuous Perception"	SFIT, Mumbai	First Prize
5	18-01-2019, 19-01-2019	Disha Modi	Colloquium 2019 "Fake News Review"	SFIT, Mumbai	Second Prize
6	18-01-2019, 19-01-2019	Swati Modi	Colloquium 2019 "Fake News Review"	SFIT, Mumbai	Second Prize
7	18-01-2019, 19-01-2019	Pooja Patel	Colloquium 2019 "Fake News Review"	SFIT, Mumbai	Second Prize
8	18-01-2019, 19-01-2019	Noella Thomas	Colloquium 2019 "Fake News Review"	SFIT, Mumbai	Second Prize
9	18-01-2019, 19-01-2019	Kingslee Pereira	Colloquium 2019 "Sentimental Analysis For Airlines Review"	SFIT, Mumbai	Third Prize
10	18-01-2019, 19-01-2019	Kimberley Remedios	Colloquium 2019 "Sentimental Analysis For Airlines Review"	SFIT, Mumbai	Third Prize
11	18-01-2019, 19-01-2019	Archana Shetty	Colloquium 2019 "Sentimental Analysis For Airlines Review"	SFIT, Mumbai	Third Prize
12	18-01-2019,	Swara	Colloquium 2019	SFIT, Mumbai	Third Prize

	19-01-2019	Shirsat	"Sentimental Analysis For Airlines Review"		
13	18-01-2019, 19-01-2019	Remon Pereira	Colloquium 2019 "AR Architectural Portfolios"	SFIT, Mumbai	Consolation Prize
14	18-01-2019, 19-01-2019	Sahil Raut	Colloquium 2019 "AR Architectural Portfolios"	SFIT, Mumbai	Consolation Prize
15	18-01-2019, 19-01-2019	Shraddha Pawar	Colloquium 2019 "AR Architectural Portfolios"	SFIT, Mumbai	Consolation Prize
16	18-01-2019, 19-01-2019	Monesha Murdeshwar	Colloquium 2019 "AR Architectural Portfolios"	SFIT, Mumbai	Consolation Prize
17	18-01-2019, 19-01-2019	Aditya Bagwe	Colloquium 2019 "Interviewing Chat Bot"	SFIT, Mumbai	Consolation Prize
18	18-01-2019, 19-01-2019	Ojaswini Mangaokar	Colloquium 2019 "Interviewing Chat Bot"	SFIT, Mumbai	Consolation Prize
19	18-01-2019, 19-01-2019	Rishabh Mehta	Colloquium 2019 "Interviewing Chat Bot"	SFIT, Mumbai	Consolation Prize
20	18-01-2019, 19-01-2019	Jitendra Purohit	Colloquium 2019 "Interviewing Chat Bot"	SFIT, Mumbai	Consolation Priz
21	Mar-19	Vennis Shah	International Hackathon	IET	First Prize
22	18-01-2019, 19-01-2019	Chris D'mello	Colloquium 2019 "Mini CNC Machine"	SFIT, Mumbai	First Prize
23	18-01-2019, 19-01-2019	Samson Correia	Colloquium 2019 "Mini CNC Machine"	SFIT, Mumbai	First Prize
24	18-01-2019, 19-01-2019	Fesdil D'mello	Colloquium 2019 "Mini CNC Machine"	SFIT, Mumbai	First Prize
25	18-01-2019, 19-01-2019	Pranav Khedekar	Colloquium 2019 "Notification Board"	SFIT, Mumbai	Second Prize
26	18-01-2019, 19-01-2019	Ameya Patkar	Colloquium 2019 "Notification Board"	SFIT, Mumbai	Second Prize

27	18-01-2019, 19-01-2019	Nirav Shah	Colloquium 2019 "Notification Board"	SFIT, Mumbai	Second Prize
28	18-01-2019, 19-01-2019	Atharva More	Colloquium 2019 "Smart Glass"	SFIT, Mumbai	Third Prize
29	18-01-2019, 19-01-2019	Royston Furtado	Colloquium 2019 "Smart Glass"	SFIT, Mumbai	Third Prize
30	18-01-2019, 19-01-2019	Roneel Govekar	Colloquium 2019 "Smart Glass"	SFIT, Mumbai	Third Prize
31	18-01-2019, 19-01-2019	Rushia Fernandes	Colloquium 2019 "Photo Studio"	SFIT, Mumbai	Consolation Prize
32	18-01-2019, 19-01-2019	Mihir Saldhana	Colloquium 2019 "Photo Studio"	SFIT, Mumbai	Consolation Prize
33	18-01-2019, 19-01-2019	Aneesha Dsouza	Colloquium 2019 "Photo Studio"	SFIT, Mumbai	Consolation Prize

34	18-01-2019, 19-01-2019	Adeeba Azmi	Colloquium 2019 "Street Zest"	SFIT, Mumbai	Consolation Prize
35	18-01-2019, 19-01-2019	Amiksha Hingu	Colloquium 2019 "Street Zest"	SFIT, Mumbai	Consolation Prize
36	18-01-2019, 19-01-2019	Prem Shah	Colloquium 2019 "Street Zest"	SFIT,Mumbai	Consolation Prize
37	Jan 2018-19	Shweta Pai	Colloquium 2019	SFIT, Mumbai	Second Prize
38	Jan 2018-19	Rohit Chaudhari	Colloquium 2019	SFIT, Mumbai	Consolation Second Prize
39	Jan 2018-19	Parthvi Soni	Colloquium 2019	SFIT, Mumbai	Second Prize
40	Jan 2018-19	Lavia Suvarna	Colloquium 2019	SFIT, Mumbai	Second Prize
41	Jan 2018-19	Rutuja Andhale	Colloquium 2019	SFIT, Mumbai	Second Prize
42	Jan 2019	Aarya Bodhankar	Colloquium	SFIT, Mumbai	Consolation

43	Jan 2019	Suraj Chatterjee	Colloquium	SFIT, Mumbai	First Prize
44	Jan 2019	Jaineel Mamtora	Colloquium	SFIT, Mumbai	First Prize
45	Feb 2018	Tabassum Chohan	Dance Competition in Elation 2018	Amity Global Business School	Second Ranker
46	2018	Karnika Padia	Mosaic	SFIT, Mumbai	1st Runner Up
47	2018	Vennis Shah	Mosaic	SFIT, Mumbai	1st Runner Up
48	2018	Megha Chovatiya	Avishkar	NMIMS	Second Position
49	2018	Shirish Nair	Avishkar	NMIMS	Second Position
50	30 Apr 18	Nirantak Singh Raghav	NMIMS, Hackerbay Hackathon	NMIMS	Runner Up
51	01 May 18	Het Shah	NMIMS, Hackerbay Hackathon	NMIMS	Runner Up
52	02 May 18	Manan Sheth	NMIMS, Hackerbay Hackathon	NMIMS	Runner Up
53	21 Mar 19	Nirantak Singh Raghav	eYantra Ideas Competition	IIT Bombay	Regional Finalist
54	22 Mar 19	Het Shah	eYantra Ideas Competition	IIT Bombay	Regional Finalist
55	23 Mar 19	Manan Sheth	eYantra Ideas Competition	IIT Bombay	Regional Finalist
56	21 Mar 19	Jessica Gonsalves	eYantra Ideas Competition	IIT Bombay	Regional Finalist
57	22 Mar 19	Megha Chovatiya	eYantra Ideas Competition	IIT Bombay	Regional Finalist

58	23 Mar 19	Jayita Deokar	eYantra Ideas Competition	IIT Bombay	Regional Finalist
59	24 Mar 19	Anushka Dhameliya	eYantra Ideas Competition	IIT Bombay	Regional Finalist
60	8 Mar 19	Tabassum Chohan	5th National Level Project Exhibition cum poster and paper Presentation "Generation of 3D Retinal Model from OCT image"	Universal College of Engineering	1st Winner – Poster Presentation
61	9 Mar 19	Camilla Dabre	6th National Level Project Exhibition cum poster and paper Presentation "Generation of 3D Retinal Model from OCT image"	Universal College of Engineering	2nd Winner – Poster Presentation
62	10 Mar 19	Jerome Judith	7th National Level Project Exhibition cum poster and paper Presentation "Generation of 3D Retinal Model from OCT image"	Universal College of Engineering	3rd Winner – Poster Presentation
63	11 Mar19	Prasad Chavan	8th National Level Project Exhibition cum poster and paper Presentation "Generation of 3D Retinal Model from OCT image"	Universal College of Engineering	4th Winner - Poster Presentation
64	01-07-18	Megha Chovatiya	Technical Paper presentation competition	SFIT-ISTE	Second Prize

DEPARTMENT OF COMPUTER ENGINEERING

"PRAKALP-2019"

2nd Inter-College Project Competition

Organized by Department of Computer Engineering on 30 March 2019

PRAKALP in Hindi/Sanskrit means Project. This event commenced on a small scale two years back with the in-house project groups. And today, it has grown to the extent of inter- college competition with around 49 participants. This year's competition had around 29 participants from several colleges within Mumbai and 20 participants from SFIT. Most of the external candidates were from prominent colleges like Fr. Agnel Bandra, Vidyalankar, Vashi, M. H. Saboo Siddik, Byculla, Ramrao Adhik Institute of Technology, Nerul, Saraswati College, New Mumbai, Viva College, and K. J. Somaiya Vidyalankar. The response of participants was really amazing.

The registrations were not limited only to the major domains of Intelligent Systems, Knowledge Discovery and Data mining, Communication Networks and Distributed systems, Network and information security, Software Engineering and Advanced Technologies, Embedded Systems and Ubiquitous Computing, but all the domains under the umbrella of Computer Engineering, Information Technology and Electronics and telecommunications departments.

The registration process started in the month of February and the interested groups from other colleges made online registrations and submitted a copy of Abstract of the project. The in-house project groups were subjected to initial scrutiny, wherein Inter-departmental judge and in-house judges judged the projects and the top 20 projects were eligible to participate in Prakalp-2019.

The projects that participated in PRAKALP 2019 belonged to a multitude of applications. From block-chain applications to applications on deep learning and convolution neural networks, AI Agents built using Reinforcement learning to optimization applications. Most of the projects had a keen agenda of improving some societal flaw or improvement in the societal conditions. Many projects were keen on latest research areas, development of expert systems for medical, social and financial domains

The judges for the day are eminent persons in the fields of AI, Machine Learning, Security, Embedded Systems working in prominent companies like INFOSYS, TCS, MAQ, ADANI GROUP and Investment banking companies. There were seven judges who were made panel heads for seven groups. The names and the affiliations of the judges are as follows:

Sr. No.	Name of the Judge	Affiliation of the judge	Domains Interested
1.	Mr. Ajith Menon	AVP, Nomura	JEEE platform, Analytics and Problem solving
2.	Mr. Ashish Patel	VP, Adani Group	Embedded systems, Power control systems
3.	Mr. Shahnawaz	Entrepreneur	Web Based applications and Project management
4.	Ms. Sneha Nambiar	Consultant Infosys	Scrum Master, Agile methodologies, Technology analyst, Business Analysis, IoT
5.	Mr. Santosh Menon	Ex-Microsoft, Director Team-ACE	Team Ace
6.	Mr. Nikhil Mathew	MAQ Software. Technical Assistant to Director	Agile and Devops, Machine Learning and AI based projects
7.	Mr. Mustafa Fatakdawla	Associate Consultant-TCS	Data Scientist, Agilist, Banking and financial services

Among the seven judges, three of our Alumni were in eminent positions and were invited to host the event as judges. We had seven panels and around seven projects were assigned to

each panel. Every group was allotted 30 minutes for presentation and demo of the project. The judgment parameters were prudently selected based on the innovativeness or research content in the project, the depth of implementation of the project, the societal impact of the project and the level of difficult while implementing the project. The groups would be graded based on their clarity in presentation.

There were 3 winners and 3 consolation prizes:

Prize	Project Title	Group Members	College
1st Prize	AirNote-Pen it down!	Sankhe Tanmay Yatin Vishwakarma Vikas Kamlesh Singh Avinash Manoj Puranik Pranav Prafulla	SFIT, Borivli
2nd Prize	YANAKA: Digitize RTO Document Verification System	Suranjan Deepak Mhashilkar Meraj Ajij Shaikh Ankit Bharatbhai Jain	VIVA Institute of Technology, Virar
3rd Prize	Explicit Content Censor (ECC)	Harshit Rai Vishwas Singh Lalit Sinnarkar Vinay Vishwakarma	Fr. C. Rodrigues Institute of Technology, Vashi
Consolation Prizes:	Project	Group members	College
1.	Phishing and Pharming detection using Machine Learning	Mehta Palash Jatin Jangid Mukul Dinesh Gajera Kishan Kamlesh	SFIT, Borivli

2.	Upgradation of food moisture analyzer using IOT	Salman Siddiqui	M.H SABOO SIDDIK, Byculla
		Rumi Shaikh	
		Rishabh Srivastav	
3.	A Chess Companion	Rosal Colaco	SFIT, Borivli
		Ruana Jadhav	
		Elvita Fernandes	

SMART INDIA HACKATHON 2019" – WINNER!!

Congratulations "Silicon Tribe" (SFIT Team) for winning "Smart India Hackathon 2019" under Kotak Mahindra Bank for their project "Multilingual Conversational Voice Chatbot"

Team members:

	Name	Branch/Class
Team Leader	Arbaz Khan	CMPN/TE
Team Member	Vinit Masrani	CMPN/TE
Team Member	Harsh Jalan	CMPN/TE
Team Member	Sunny Dsouza	CMPN/TE
Team Member	Anushka Kamath	CMPN/TE
Team Member	Yashvi Desai	EXTC/TE
Mentor	Rupesh Mishra	CMPN
Mentor	Vivian Lobo	CMPN

Smart India Hackathon (SIH) 2019 is an initiative by MHRD, AICTE, i4c and Persistent Systems in order to make development a comprehensive mass movement and innovate on all fronts. It is a unique Open Innovation Model for identifying new and disruptive technology innovations to solve the challenges faced in our country. SIH is a non-stop product development competition, where problem statements are posed to technology students for innovative solutions.

The 36 hours Hackathon was held on the 2nd and 3rd of March 2019 at the nodal center Sagar Institute of Research and Technology (SIRT), Bhopal. There were 3 judging rounds and 2 guidance rounds for each team and the judges were assigned based on different problem statements. The team interacted with the judges in every round explaining them the progress of the project in detail and also constantly asking them for more inputs to understand their requirements and figure out what exactly they expected from our project. The judges were extremely confident and impressed by their knowledge and approach as far as the project was concerned as the team was solving their queries quite satisfactorily. They were impressed with the flexibility and cost effectiveness of our project provided as implementation was done from scratch and using open source libraries only. Towards the end of the Hackathon, there was a final judging round in which all the participating teams were supposed to give a formal presentation on their project to their respective judges in the assigned room. The team effortlessly showcased all the required basic functionalities along with other additional use cases and successfully demonstrated our chatbot which was deployed on Google Assistant Interface. Our team was able to clear all the doubts put forth by the judges since the first 2 judging rounds. The judging panel also requested for an elevator pitch video to be recorded highlighting the features of our project.

The team "Silicon Tribe" from SFIT successfully developed a multilingual voice based conversational chat bot as per the requirements of Kotak Mahindra Bank. They were awarded Rs.75,000/- prize cheque, winning trophy and the Winner Certificates from the Chief Guests and judges from Kotak Mahindra Bank.

FIRST PRIZE WINNER:

SECOND PRIZE WINNER:

THIRD PRIZE WINNER:

CONSOLATION PRIZE WINNERS:

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Workshop: "Introduction to Machine Learning with Python"

Date: 26 February 2019
Time: 09:00 AM - 05:00 PM
Venue: ARC Center

The Machine learning workshop was organized by Department of Computer Engineering on 26nd February, 2019. As it was a hands-on workshop, the sessions started sharp at 9:00 AM and covered explanation of basic algorithms of machine learning.

The session was conducted by Mr. Surendra Mishra, Sr. Analyst at Bank of America under the guidance of Mr. Rupesh Mishra, Assistant Professor in the Department of Computer Engineering. Aim of the workshop was to fulfill gap in the T.E./ SEM VI/ Machine Learning subject. The workshop was free and compulsory for all the T.E. student opted for the Machine Learning course.

The first half of the workshop included, "Introduction to machine learning" and implementation of machine learning algorithms on sample dataset. Regression, Classification and clustering techniques were covered, which included explanation of basics of python, Introduction to neural networks, intro statistical libraries such as numpy, pandas, and matplotlib. The instructors initially focused on the introductory topics and making sure that all participants were able to follow these terminologies. The latter half of the workshop included data visualization and presentation using matplotlib with examples.

The workshop mainly focused on practicing all the theoretical concepts learned in the class, the concepts were implemented in python. Participants were made aware of different python libraries and their functionalities in order to use them for implementing machine learning. Different classification problems and visualization methods were taken by the instructors. The session concluded at 5 pm.

The workshop was well organized and sufficient amount of time with examples were given to each concept regarding machine learning, which was learnt by the participants. The event ended with a thank you note to the speakers by Mr. Rupesh Mishra.

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Seminar: "Workplace Ethics"

Date: 8 March 2019
Speaker: Dr. Fr. Kevin D'souza
Organized by: ISTE SFIT
Students attended: BE CMPN A, BE CMPN B

The seminar began with an address from Dr. Supratim Biswas from IIT Bombay. He has become a part of CMPN department of SFIT. He was welcomed by the HOD of CMPN Dr. Kavita Sonawane. He gave a short address focusing on practical learning through projects, competitions etc. He looked forward to work with the CMPN department and help students to achieve their goals.

This was followed by a Work Ethics Session by Dr. Fr. Kevin D'souza. He was introduced by a student volunteer. Dr. Fr. Kevin D' Souza took over the session, he began by asking questions about wanting or being. For e.g. Do you want to be happy and are you happy? He made the students reflect upon themselves. He then brushed upon various points in work ethics such as:

- Addressing the superiors
- What to do in a situation of distress
- Punctuality
- Perseverance
- Time management
- Loyalty to the management

He solved various case studies to learn and teach us how to face particular circumstances without compromising on work ethics. For example, he presented the students with a situation in which if an employee finds that his superior has done something wrong or corrupt then what he must do? Should he risk his job and report the situation or stay quiet and continue with his job.

He talked about various ethical dilemmas and introduced to the students the famous trolley problem which is as follows:

You see a runaway trolley moving toward five tied-up (or otherwise incapacitated) people lying on the tracks. You are standing next to a lever that controls a switch. If you pull the lever, the trolley will be redirected onto a side track, and the five people on the main track will be saved. However, there is a single person lying on the side track. You have two options:

1. Do nothing and allow the trolley to kill the five people on the main track.
2. Pull the lever, diverting the trolley onto the side track where it will kill one person.

Which is the more ethical option?

The session ended with a vote of thanks and Mr. Bysani, faculty coordinator of ISTE handed Dr. Fr. Kevin D'souza a token of appreciation.

It was highly helpful for BE students as most of them will soon be a part of corporate world, so it has prepared them for their future.

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Seminar: "Opportunities in Cyber Security"

Date: 26 March 2019
Venue: Seminar room
Conducted for: TE CMPN A, TE CMPN B students

Resource person: Mr. Ghanshyam Khatavkar, Senior Security Engineer at Secure View Systems Pvt. Ltd. Mumbai.

The Computer Department of St. Francis Institute of technology organized a seminar on "**Opportunities in Cyber Security**" on Tuesday, 26 March 2017 between 10:15 AM to 12:15 PM in SFIT seminar room. The main objective of this seminar was to spread awareness about cybercrime and cyber security among students. There were approximately 140 student participants and 5 faculty participants who attended the seminar. The resource person of this seminar was our very own alumina, **Mr. Ghanshyam Khatavkar**, Senior Security Engineer at Secure View Systems Pvt. Ltd. Mumbai.

The program was started with welcome speech by a student volunteer Ms. Disha Rathod where she introduced the Speaker. Later, Mr. Ghanshyam Khatavkar took over the session. The speaker started his talk by raising the three questions:

1. Why should we aware of the cybercrimes?

2. What should we learn?

3. How to maintain Cyber Hygiene??

He told that the seminar on cybercrime awareness was a mere small step to bring vigilance among students to remain safe and secure in the virtual world. The seminar on Cyber Security included an Overview of Cybercrimes such as Electronic Commerce Crime, Economic Espionage, Infrastructure attacks, Defamation, Obscenity, Content Accountability, Copyright Violations, Trademark Violations, E commerce, Taxation, Provisions in the legal framework to combat Cybercrimes and finally discussed about Indian Cyber Law and provision of court proceeding for Cybercrimes and Cyber Law from India and International perspective. He has also shared interesting details of few registered cases of cybercrime and their investigation process of solving the same. The speaker also highlighted on preventive measures and practices that is to be followed regularly to protect our data.

He also discussed various opportunities in Cyber Security field. He mainly focused on the current scenario and research areas of cyber security. He gave the information about various courses and certifications like CCNA, CEH, CISM, etc. to make a career in cyber security field. The session was very fruitful.

The session ended with a vote of thanks and Mr. R.K.Shende, faculty of Computer Engineering Department handed Mr. Ghanshyam Khatavkar token of appreciation.

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"Codex Event Details"
Workshop – Neural Network and Natural Language Processing

Date: 2 and 9 March 2019
Venue: ARC & Cadd Lab

The aim was to provide a course path on how to develop project in machine learning domain, ensuring it was more practical project-based approach rather than regular theoretical methodology.

The first day of workshop started with basics of python, intro to statistical libraries like NumPy, pandas, etc. Later core NN were being taught, to assist the understanding of NN a simple project of MNIST classification was taken. For the second session, the topic was NLP. The day started with basic concepts and terminologies in NLP. Then later part a simple classification project of email being spam or not was taken.

The session was conducted by Mr. Gaurav Modi, Software developer from Merilent India Pvt Ltd. on Day 1 and Mr. Surendra Mishra, Sr. Analyst, Bank of America, Merrill Lynch on Day 2 along with the help of codex team from computer engineering students of SFIT under the guidance Mr. Rupesh Mishra (Assistant Professor) and Ms. Rutuja More (Lab Assistant) from Computer Engineering Department.

Workshop - Web scraping using Python

Date: 23 March 2019
Venue: Computer Centre (112)

The main idea for the Workshop was inspired by the student's need to make a Python Project. For which IWS (Ideas worth Sharing) Team decided to conduct a student-to-student workshop for the advanced topics like Web Scraping on static as well as dynamic webpages, plotting graphs using matplotlib library, data handling using panda library.

The session was conducted by Mr. Manas Acharya, Mr. Sahil Nirkhe, Mr. Sanket Dalavi, Ms. Ritika Bhole and Mr. Joshua Fernandes. The workshop was organised with the help of Codex team from computer engineering students of SFIT under the guidance Mr. Rupesh Mishra, Assistant Professor from Department of Computer Engineering. By the end of the workshop, students had 3 projects ready with them, done using the topics taught.

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Second Year Parent-Teacher Interaction Meet

Date and Time: Saturday 23/2/2019, 11.00-1.30 pm
Academic Year: 2018-19
Venue: Auditorium

Members Present: HOD CMPN,
Teaching and Non-teaching staff CMPN, Parents
Ms. Shobha Tyagi compered the event**.**

The PTI session started with felicitating parents and thereafter mirrored the formal introduction of PTI asserting the objective and goals of periodically organizing such events in the department. The meet commenced with St. Francis prayer song.

Dr. Kavita Sonawane, thereafter shared the department highlights, students laurel and achievements also briefed the code of conduct followed in department for the betterment of our very students. She also urged the parents to kindly help in maintaining the regularity of the students and track their progress regularly and requested to attend to PTI meetings or whenever being called from the college for the benefit of students.

- Objectives of Parents Teachers Interaction (PTI)
- Programs at our Institute
- Vision and Mission of the Institute & Department
- Academic Structure
- Faculty details
- Teaching Learning Process
- R & D Activities
- Results
- Class Teachers Details

Dr. Kavita Sonawane mentioned about the suggestions received last year from parent side and what action department is taking to achieve the same. For e.g. last year some parents suggested to carry out extra practice session so as to make students prepare for the industry placements which was taken care this year by arranging aptitude test for the students.

The interactive platform was then handed over to Training and Placement officer Mr. Wilson Pinto who broadened the employment horizon perspective and also discussed the recent trends of technology and skills required and asked among the current recruiters. This was followed by question answer session where parents asked several questions which were answered by the HOD, Dr. Kavita Sonawane as well as the TPO, Mr. Wilson Pinto.

(Inputs by Pradnya Rane)

FACULTY PUBLICATIONS:

Sr. No	Faculty	Title	Description	Date
1	Ms. Bidisha Roy	Meta-heuristic techniques to solve resource-constrained project scheduling problem.	In: Bhattacharyya S, Hassanien AE, Gupta D, Khanna A, Pan I (eds) International conference on innovative computing and communications, Lecture Notes in Networks and Systems, vol 56,Springer, Singapore, pp 93–99.	2019
2	Ms. Anuradha G.	A review on techiques for ear biometrics	3rd international conf on electrical, computer, communication technologies (ICECCT) coimbatore 2019.	2019
3.	Ms. Jayashri Mittal	Twitter sentiment analysis on demonetization using possibilistic fuzzy c-means approach	Journal of Emerging Technologies and Innovative Research (JETIR) ISSN UGC Approved, Volume 6, Issue 5, May-2019.	May 2019
		A Novel Approach to detect Phishing attack using artificial Neural network combined with pharming detection	3rd International Conference on Electronics and Communication and Aerospace Technology [ICECA 2019].	2019
4.	Ms. Safa Hamdare	Extractive Text Summarization using term frequency Inverse Document Frequency	Conference on Technologies for future Cities 2019, SSRN's Engineering Research Network (EngRN), ELSEVIER, 8th-9th Jan 2019, ISBN: 978-93-82626-27-5	
5.	Ms. Varsha Nagpurkar	Twitter sentiment analysis on demonetization using possibilistic fuzzy c-means approach	Journal of Emerging Technologies and Innovative Research (JETIR) ISSN UGC Approved, Volume 6, Issue 5, May-2019.	

		A Review on Blue Eyes Technology	International Journal of Research in Electronics and Computer Engineering" (IJRECE) ISSN UGC Approved, Volume 7 Issue 2, April- June 2019.	
7.	Mr. Rupesh Mishra	Food Traceability System Using Blockchain and QR Code	IETE Springer International Conference on Blockchain Technology (IC-BCT 2019)	2019
8.	Ms. Supriya Solaskar	Obesity Related Disease Prediction From Healthcare Communities Using Machine Learning	10th International Conference On Computing, Communication And Networking Technologies (ICCCNT)	July 2019
9.	Ms. Pradnya Rane	AirNote- Pen it down	10th International Conference On Computing, Communication And Networking Technologies (ICCCNT)	July 2019

****FACULTY ACHIEVEMENTS****

NPTEL-IIT CERTIFIED ONLINE COURSES COMPLETED (May-June 2019)

Faculty	Course title	Duration	Remarks
Ms. Anuradha G.	Data Mining	8 weeks	Elite +Silver
Mr. Shamsuddin Khan	Machine Learning	8 weeks	
Ms. Nidhi Gaur	Internet of Things- part 2	12 weeks	Elite +Silver
Ms. Priya K	Programming in C	12 weeks	Elite+Silver

	Joy of Computing using Python	12 weeks	Elite +Gold
Ms. Jayashri Mittal	Data Mining	8 weeks	Elite+Silver
Ms. Safa Hamdare	Data Mining	8 weeks	Elite+Silver
Ms. Varsha Nagpurkar	Computer Organization and Architecture:A Pedagogical Aspect	12 weeks	
Ms. Sneha Jadhav	Joy of Computing using Python	12 weeks	
Ms. Varsha Shrivastava	Internet of Things-part 2	8 weeks	
Ms. Priya Chaudhari	Joy of Computing using Python	12 weeks	Elite+Gold
Ms. Sweedle Mascarnes	Cryptography and System Security	12 weeks	Elite+Silver
Ms. Supriya Solaskar	Programming in Java	12 weeks	Elite+Silver
Ms. Tejal Carvalo	Database management System	8 weeks	Elite+Silver
Ms. Flevina D	Database management System	8 weeks	Elite+Silver
Ms.Vanessa Dbritto	Database management System	8 weeks	Elite+Silver
Rajkumar Shende	Information Security 5	8 weeks	Elite

DEPARTMENTAL RESEARCH ACTIVITIES:

Faculty	Name of Project	Status of Completion in %
Dr. Kavita Sonawane	Tech Event Management	50%

MINOR RESEARCH GRANTS ACHIEVED:

Name of the Faculty	Project Name	Sanctioned amount
Dr. Kavita Sonawane	Electronics Health Record S	Rs. 30,000
Ms. Vincy Joseph	Automated Toll Collection Automated Toll Collection	Rs. 25000

PRODUCT DEVELOPMENT/ OUTHOUSE PROJECTS:

Sr. No	Details
1.	Outhouse Project titled "A Chess Companion" by Pradnya Rane, Rosal Colaco,, Ruana Jadhav, Elvita Fernandes

DEPARTMENT OF COMPUTER ENGINEERING

"AWARD FOR 100% RESULT"

Department of Computer Engineering got the award for 100% passing result for BE 2017-18.
The award was presented during IRIS 2019.

STUDENT ACHIEVEMENTS

CONGRATULATIONS TO ALL THE TOPPERS!!

St. Francis Institute Of Technology
Academic Achievements - BE CMPN SEM VII Dec. 2018

Sr. No.	Student's Name	Achievement	Class/Sem/Div	CGPA	Photograph
1	TALISHA TANNA	First Rank	BE CMPN B	10	
2	SHREYA PRABHU	Second Rank	BE CMPN A	9.84	
3	SUVARNA GEETA GOPAL RAMANI	Second Rank	BE CMPN B	9.84	

St. Francis Institute Of Technology
Academic Achievements - TE CMPN SEM V Dec 2018

Sr. No.	Student's Name	Achievement	Class/Sem/Div	CGPA	Photograph
1	CHITTILAPILLY BOSCOSYLVESTER JOHN ANUJA	First Rank	TE CMPN A	10	
2	MORAES ROSHAL SHIRLEY SURESH LILY	First Rank	TE CMPN A	10	
3	JHA SNEHA MANOJ SUNITA	First Rank	TE CMPN B	10	

St. Francis Institute Of Technology
Academic Achievements - SE CMPN SEM III Dec. 2018

Sr. No.	Student's Name	Achievement	Class/Sem/Div	CGPA	Photograph
1	DEULKAR SMITA GANESH GAYATRI	First Rank	SE CMPN A	10	
2	JAISWAL ANKIT GULAB SUNITA	First Rank	SE CMPN B	10	
3	NORONHA DARREL HENRY DIANA	First Rank	SE CMPN B	10	

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SPORTS ACHIEVEMENT:

HEARTILY CONGRATULATIONS
Mr. IAN RODRIGUES (BE, CMPN dept.)
for Winning Gold medal @ WAKO
India senior National kickboxing
Championship 2019 & got selected to represent
India at WAKO senior World Championship
at Antalya, Turkey.

STUDENT ACTIVITIES

Workshops/Technical Events/Competition/Project Competition/Exhibition-Conducted:

Sr. No.	Event Date	Title of Workshop /Event Name	Name of the Student	Class /Sem /Div	Venue	No. of Students Attended the Workshop	No. of Members in Group	Professional Body Associated
1	23.03.2019	Python Web Scraping	Manas Acharya	TE CMPN A	SFIT	30	4	IWS CodeX
2	9.04.2019	Code-a-Thon (Moderator)	Manas Acharya	TE CMPN A	SFIT	40	2	CSI
3	23.03.2019	Python Web Scraping	Daniel Lobo	TE CMPN A	SFIT	30	4	IWS CodeX
4	23.03.2019	Python Web Scraping	Akshat Bhagat	TE CMPN A	SFIT	30	4	IWS CodeX
5	23.03.2019	Python Web Scraping	Rahul Bane	TE CMPN A	SFIT	30	4	IWS CodeX
6	23.03.2019	Python Web Scraping	Jesdin Raphael	TE CMPN A	SFIT	30	4	IWS CodeX
7		Web maker	Akshay Yadav	TE CMPN B	SFIT	75	3/4	CSI
8	30-03-19	Prakalp	Harsh Oza	TE CMPN B	SFIT		3/4	CODEX
9	12-04-19	Intercollege Paper Presentation	Tannmay Redij	TE CMPN B	SFIT	50	10/12	ISTE
10	05-04-19	Workplace Ethics For BE	Tannmay Redij	TE CMPN B	SFIT	80	7/8	ISTE

11	12-04-19	Intercollege Paper Presentation	Shreya Prasad	TE CMPN B	SFIT	50	10/12	ISTE
12	05-04-19	Workplace Ethics For BE	Shreya Prasad	TE CMPN B	SFIT	80	7/8	ISTE
13	02-03-2019 - 03-03-19	Programming in R for MCA students	Shreya Prasad	TE CMPN B	TCE	100	5/6	
14	12-04-19	Intercollege Paper Presentation	Swapnil Sontakke	TE CMPN B	SFIT	50	10/12	ISTE
15	05-04-19	Workplace Ethics For BE	Swapnil Sontakke	TE CMPN B	SFIT	80	7/8	ISTE
16	05-04-19	Workplace Ethics For BE	Yash Solanki	TE CMPN B	SFIT	80	7/8	ISTE
17	30-03-19	Prakalp	Reshma Ruby	TE CMPN B	SFIT		3/4	CODEX
18	10-6-19 to 15-6-19	Data Science Workshop	Harsh Jalan	BE CMPN B	IIT MADRAS RESEARCH PARK	-	-	Kyrion Technologies (I went as a technical trainer)
19	17-6-19 to 29-6-19	AI and ML Workshop	Harsh Jalan	BE CMPN B	TECHNOINDIA, KOLKATA	-	-	Kyrion Technologies (I went as a technical trainer)

Workshops/Technical Events/Competition/Project Competition/Exhibition-Attended

SR. No.	Event Date	Title of Workshop/ Event Name	Name of the student	Class/ Sem/ Div	Venue	No. of members in group	Attended/ Participated/ Achievment	Professional Body associated
1	06-03-19	Prayas	Misal Dsouza	SECMPN A	SFIT		Participated	SFIT
2	06-03-19	Prayas	Darren Noronha	SECMPN A	SFIT		Participated	SFIT
3	06-03-19	Prayas	Delicia Fernandes	SECMPN A	SFIT		Participated	SFIT
4	06-03-19	Prayas	Yogita Likhi	SECMPN A	SFIT		Participated	SFIT
5	06-03-19	Prayas	Boomika Mewada	SECMPN A	SFIT		Participated	SFIT
6	06-03-19	Prayas	Bhargav Misal	SECMPN A	SFIT		Participated	SFIT
7	12-6-19	Programming skills	Ansel Dsouza	SECMPN A	SFIT	2	Participated	SFIT
8	12-6-19	Programming skills	Nipun Henriques	SECMPN A	SFIT	2	Participated	SFIT
9	12-6-19	Programming skills	Neil Albuquerque	SECMPN A	SFIT	2	Participated	SFIT
10	12-6-19	Programming skills	Misaal Dsouza	SECMPN A	SFIT	2	Participated	SFIT
11	12-6-19	Programming skills	Bhoomika mewada	SECMPN A	SFIT	2	Participated	SFIT
12	12-6-19	Programming skills	Mrudula acharya	SECMPN A	SFIT	2	Participated	SFIT
13	15.03.2019	Pragati 2018-19	Manas Acharya	TE CMPN A	SFIT	5	2nd Runner Up	Ecell
14	15.03.2019	Pragati 2018-19	Aishwarya Sreenivasa	TE CMPN A	SFIT	5	Participated	E-Cell

			n					
15	20.02.2019	xDesign Challenge	Sougat Ganguly	TE CMPN A	Online	5	AIR 1	Dessault Sytemes
16	25.02.2019	CODE-VITA (Event)	Ankit Jaiswal	TE CMPN A	TCS	1	-	-
17	08.09.2019	Codexpress	Manas Acharya	TE CMPN A	SFIT	2	2nd Runner Up	CodeX
18	27.072019-28.07.2019	HereHack	Manas Acharya	TE CMPN A	Vorqs paces Fort	3	Participated	Here maps, IncubateIND
19	08.09.2019	CodeExpress	Aston Lopes	TE CMPN A	SFIT	1	1st Winner	CodeX
20	17-06-19	IOT with ML	Darrel Noronha	TE CMPN B	SFIT	5	Participated	ATS-MICROSOFT
21	17-06-19	IOT with ML	Harsh Oza	TECMPN B	SFIT	5	Participated	ATS-MICROSOFT
22	17-06-19	IOT with ML	Shelton Jade Pinto	TE CMPN B	SFIT	5	Participated	ATS-MICROSOFT
23	17-06 - 19	IOT with ML	Sara Shaikh	TE CMPN B	SFIT	5	Participated	ATS-MICROSOFT
24	17-06-19	IOT with ML	Roshani Poojary	TE CMPN B	SFIT.	5	Participated	ATS-MICROSOFT
25		Web Scraping	Roshani Poojary	TE CMPN B	SFIT		Participated	
26		Web Scraping	Sara Shaikh	TE CMPN B	SFIT		Participated	
		data analytics	Jerin Ann Abraham	TE CMPN B	SFIT			

27	13-05-19 to 28-05-19	Machine Learning and AI using Python	Swapnil Verlekar	BE CMPN A	SFIT	-	Attended	TPO
28	13-05-19 to 28-05-19	Machine Learning and AI using Python	Alisha Shah	BE CMPN A	SFIT	-	Attended	TPO
29	05-06-19 TO 14-07-19	Machine Learning A-Z: Using Python and R	Hrishikesh Telang	BE CMPN A	Home	-	Attended	Udemy
30	13-05-19 to 28-05-19	Machine Learning and AI using Python	Avril Serrao	BE CMPN A	SFIT	-	Attended	TPO
31	10-06-19 to 7-07-19	Data Science Professional course(IBM certified)	Asmit Save	BE CMPN B	HOME		Achieved certification	Coursera
32	13-05-19 to 28-05-19	Machine Learning with IOT	Disha Rathod	BE CMPN A	SFIT	-	Attended	TPO
33	13-05-19 to 28-05-19	Machine Learning with IOT	Jasmine Pinto	BE CMPN A	SFIT	-	Attended	TPO
34	13-05-19 to 28-05-19	Machine Learning with IOT	Alston Quadros	BE CMPN A	SFIT	-	Attended	TPO
35	1-3-19 to present	Machine learning in R	Akshant Churi	BE CMPN A	SFIT	-	Attended	Revitech
36	1-3-19 to present	Machine learning in R	Savio D'Costa	BE CMPN A	SFIT	-	Attended	Revitech

37	13-05-19 to 28-05-19	Machine Learning and AI using Python	Atharva Dhuri	BE CMPN A	SFIT	-	Attended	TPO
38	1-3-19 to present	Machine learning in R	Akshay Belnekar	BE CMPN A	SFIT	-	Attended	Revitech
39	1-3-19 to present	Machine learning in R	Jeson Dsouza	BE CMPN A	SFIT	-	Attended	Revitech
40	10-06-19 to 7-07-19	Data Science Professional course(IBM certified)	Ameya Dalvi	BE CMPN A	HOME	-	Achieved Certification	Cousera
41	8-06-2018	Machine learning /AI	Sushain Bhat	BE CMPN A	HOME	-	Achieved Certification	ExpertsHub
42	15-06-2018	Internet Of Things	Sushain Bhat	BE CMPN A	HOME	-	Achieved Certification	ExpertsHub
43	1-3-19 to present	Machine learning in R	Boscosylvester Chittilapilly	BE CMPN A	SFIT	-	Attended	Revitech
44	28-02-19 to 04-03019	Smart India Hackathon	Harsh Jalan	BE CMPN B	SFIT	-	6	-
45	28-02-19 to 04-03019	Smart India Hackathon	Sunny Dsouza	BE CMPN B	SFIT	-	6	-
46	28-02-19 to 04-03019	Smart India Hackathon	Anushka Kamath	BE CMPN B	SFIT	-	6	-
47	28-02-19 to 04-03019	Smart India Hackathon	Vinit Masrani	BE CMPN B	SFIT	-	6	-
48	1-7-19 to 5-7-19	Data Science Workshop	Harsh Jalan	BE CMPN B	IIT BOMBAY	-	-	Kyrion Technologies (I went

49	14-6-19	Bits and Bytes Hackathon	Sunny Dsouza	Be CMPN B	SFIT	-	2nd Rank	-
								as a technical trainer)

Extra-Curricular Activities

Sr. No.	Student's Name	Event Name	Class/Sem/ Div	Achievement	College
1.	Chelsea Dsouza	Prayas 2019	SE CMPN A	Comperes of the event	SFIT
2.	Ansel Dsouza	Prayas 2019	SE CMPN A	Comperes of the event	SFIT
3.	Nisarg Desai	Prayas 2019	SE CMPN A	Comperes of the event	SFIT
4.	Sharon Desai	IRIS 2019	SE CMPN A	Participated in Dance	SFIT
5.	Rebecca Dias	IRIS 2019	SE CMPN A	Participated in Dance	SFIT
6.	John Emmanual	IRIS 2019	SE CMPN A	Participated in Dance	SFIT
7.	John Emmanual	IRIS 2019	SE CMPN A	Participated in Dance and	SFIT
8	Jenny Dcruz	IRIS and SFIT Annual Day 2019	TE CMPN A	Participated as the Stage and	SFIT
9	Leander Fernandes	IRIS and SFIT Annual Day	TE CMPN A	Participated in the English	SFIT
10	Manas Acharya	IRIS and SFIT Annual Day	TE CMPN A	Brand marketer for IRIS 2019	SFIT
11	Daniel Lobo	IRIS and SFIT Annual Day	TE CMPN A	Participated as the Sports	SFIT
12	Akshat Bhagat	IRIS and SFIT Annual Day	TE CMPN A	Participated as the Sports	SFIT
13	Darrel Noronha	Ignitra and IRIS 2019	TE CMPN B	Hospitality Executive	SFIT
14	Harsh Oza	IRIS 2019	TE CMPN B	Marketing Executive	SFIT
15	Harsh Oza	SFIT Annual Day 2019 Hindi choir	TE CMPN B	Organized and Participated	SFIT
16	Akshata Talankar	SFIT Annual Day 2019 Hindi choir	TE CMPN B	Organized and Participated	SFIT
17	Ritik Lodha	Ignitra and IRIS 2019	TE CMPN B	NSS stall	SFIT

| 18 | Hrishikesh Telang | TEDxSFIT | BE CMPN A | Co-organizer | SFIT |

Sports Achievements

Sr. No.	Student's Name	Event Name	Name of the sport	Class/Sem/Div	Achievement	College
1	John Emmanuel	IGNITRA	Football	SE CMPN A	Participation.	SFIT
2	Prasad Kamath	IGNITRA	Football	SE CMPN A	Participation.	SFIT
3	Jovin Jese	IGNITRA	Football	SE CMPN A	Participation.	SFIT
4	Aadon Joseph	IGNITRA	Football	SE CMPN A	Participation.	SFIT
5	Joel Jose	IGNITRA	Football	SE CMPN A	Participation.	SFIT
6	Neil Mascrenhes	IGNITRA	Football	SE CMPN A	Participation.	SFIT
7.	Neil Albuquerque	IGNITRA	Basket ball	SE CMPN A	Participation.	SFIT
8	Akshat Bhagat	Iris ,Ignitra ,MIT pune ,university	Football	TE CMPN A	Playing football for college team	SFIT
9	Ian L Rodrigues	WAKO India Senior National Kickboxing Championship 2019	Kickboxing	BE CMPN A	Gold medal at Senior National Kickboxing Championship	SFIT
10	Asmit Save	Sports Meet Vadval Samaj	Atheltics	BE CMPN	Silver medal in 100m run	SFIT

List of Students who Completed Internships

Sr. No.	Student's Name	Class/Sem/Div	Industry Worked with	Duration	Status
1	Selas Moro	SE CMPN A	Vistaar Digital Communication	3 weeks	Completed
2	Bhushan Borole	BE CMPN A Sem 7	Fox Domotics Private Limited	2 month	Completed
3	Kinshuk Shah	BE CMPN A	Cloud counselage pvt lyd	2 months	On going
4	Linton Pereira	BE CMPN A Sem 7	Hindustan Petroleum Corporation Limited	1 Month	Completed
5	Akshay Belnekar	BE CMPN A Sem7	Internshala ISP 13	3 months	Completed
6	Mandar Acharekar	BE CMPN A SEM 7	Fox Domotics Private Limited	2 months	Completed
7	Boscosylvester Chittilapilly	BE CMPN A Sem 7	Galaxy Office Automation Pvt. Ltd.	1 month	Completed
8	Saket Dalvi	BE CMPN A Sem 7	TechSkillsIT Consulatants	6 months Part Time	Completed
9	Harsh Jalan	BE CMPN B	KeVa Fragrances	Several Months	Ongoing Contractual Work (Not an Internship)
10	Sunny Dsouza	BE CMPN B	Fox Domotics	15 June	Ongoing

STUDENT PUBLICATIONS

Sr. No	Author's Name	Paper Title	Full-Publication details (IEEE format)
1.	A. Chaudhari	A Wideband Microstrip Array Design using RIS and PRS Layers	*IEEE Antennas and Wireless Propagation Letters*, Jan 2018
2.	Urjit Desai	Predicting Voting Outcomes Using Data Analytics and Machine Learning Algorithms	*IJCSE Vol. 7 Issue. 6, June 2019*
3.	Ameya Dalvi	Predicting Voting Outcomes Using Data Analytics and Machine Learning Algorithms	*IJCSE Vol. 7 Issue. 6, June 2019*
4.	Asmit Save	Coloring greyscale Images using Deep learning	*IRJET Vol. 6 Issue. 7 July 2019*
5.	Atharva Dhuri	Predicting Voting Outcomes Using Data Analytics and Machine Learning Algorithms	*IJCSE Vol. 7 Issue. 6, June 2019*

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATIONS

FACULTY ACHIEVEMENTS

Name of the Faculty	Course	Duration and Remarks
Ms. Jovita Serrao	NPTEL – IIT Madras certified Online Course	Completed 4 weeks online course with ELITE Class with a silver medal on Effective Engineering Teaching in Practice during Jan – Feb 2019
Ms. Snehal Lopes	NPTEL – IIT Roorkee certified Online Course	Completed 8 weeks online course with ELITE Class on Fiber Optics during Jan – Mar 2019
Ms.Pallavi Patil	NPTEL – IIT kanpur certified Online Course	Completed 12 weeks online course with ELITE Class on Principles of Signals and Systems during Jan – Apr 2019
Ms. Valentina Baskar	NPTEL – IIT Madras certified Online Course	Completed 12 weeks online course with ELITE Class on Joy of computing Using Python during Jan – Apr 2019

The department of EXTC has received Rs. Five Lakh Sixty Four Thousand Grant–in–Aid under Modernization and Removal of Obsolescence Scheme (MODROB)

FACULTY CONTRIBUTIONS

Mr. Santosh Chapaneri	TPC Member and Reviewer of IBSSC 2019 (IEEE Bombay Section Signature Conference).
	Reviewer of INDICON 2019.
	Reviewer of IEEE Access Journal.
	Reviewer of IET Electronics Letters.
	Reviewer of IET Transactions on Image Processing.
	Reviewer of IET Communications Journal.

FACULTY PUBLICATIONS

Sr. No	Author's Name	Paper Title	Publication details
1.	Santosh Chapaneri and Deepak Jayaswal	Covariate Shift Adaptation for Structured Regression with Frank-Wolfe Algorithms	IEEE Access, vol. 7, pp. 73804-73818, May 2019.
2.	Santosh Chapaneri and Deepak Jayaswal	Structured Gaussian Process Regression of Music Mood	Fundamenta Informaticae, accepted (in press), June 2019.
3.	Ms.Shilpa Chaman	Techniques for estimating vocal tract shape for speech training aids	UGC approved journal of emerging technologies and innovation research (JETIR), ISBN:2349-5162, June 2019
4.	Jayasudha Koti and B K Mishra	BER Performance Comparison of DCO-OFDM and Convolutional Coded DCO-OFDM in IM/DD systems	Int J. Electronics, Communications, and Measurement Engineering (IJECME), vol. 2, no. 2, pp. 26-39, June. 2019
5.	Jayasudha Koti and B K Mishra	Comparative Analysis of ACO-OFDM and CACO-OFDM for Indoor Optical Wireless Communication	In proc. IEEE-TEQIP-III, Int. Conf. Microwave Integrated Circuits, Photonics and Wireless Networks(IMICPW), NIT, Trichy, India, May 2019

INVITED TALKS

Workshop/Seminar/Conference Conducted

Sr. No.	Name of the Faculty	Title of Workshop/Seminar/Conference	Organizing Body
1	Mr. Santosh Chapaneri	Machine Learning, Delivered on 12 Jan 2019	SFIT, Mumbai
2.		Machine Learning, Delivered on 2 Jan 2019	DJSCE, Mumbai
3.		Deep Learning, Delivered on 11 Feb 2019	NIT Raipur
4.		Deep Learning, Delivered on 12 Feb 2019	VNIT Nagpur
5.		Deep Learning, Delivered on 9 Mar 2019	SFIT, Mumbai
6.		Deep Learning, Delivered on 14 May and 16 May 2019	SPIT, Mumbai
7.		Machine Learning, Delivered on 26, 27, 28 June 2019	Marwadi University, Rajkot
8.	Dr. Uday Pandit Khot	Resource person conducted 'Microwave Engineering' subject orientation program for revised syllabus on 5th July 2019	Atharva College of Engineering, Malad
9.	Ms. Snehal Lopes & Ms. Savita Kulkarni	AICTE-ISTE Approved One Week Short Term Training Program On "Embedded Systems & Internet Of Things", June 17, 2019 to June 21, 2019	SFIT, Mumbai

WORKSHOP/SEMINAR/CONFERENCE ATTENDED

Sr. No.	Name of the Faculty	Title of Workshop/Seminar/Conference	Organizing Body
1	Ms. Snehal Lopes	5-day QIP course on "Hands-on approach to semiconductor device physics education"	IIT Bombay from 6 May 2019
2.	Ms. Jovita Serrao		
3.	Mr. Ramjee Yadav		
4.	Mr. Kochar Inderkumar	AICTE-ISTE approved one-week Faculty Development Program on " Recent Trends and Development in Modern Antennas, RF and Microwave System "	KJSIEIT from 1 July to 6 July 2019
5.	Ms. Pallavi Patil	AICTE-ISTE approved one-week STTP under Career Advancement Scheme(CAS) on "Hands on MACHINE EARNING & DEEP LEARNING "	ISTE Faculty Chapter Sardar Patel Institute of Technology, Andheri (w.) from 13 to 18 May 2019
6.	Ms. Shilpa Chaman	One week AICTE-ISTE approved STTP on "Embedded Systems and Internet of Things"	SFIT ,Mumbai from 17 June to 21 June 2019
7.	Ms. Savita Kulkarni		
8.	Ms. Snehal Lopes		

Robocon Team won a Design Competition organized by Dasault Systems

(Parent Company of Solidworks)

DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

PRAYAS 2019 REPORT

Date: 6 March 2019

"Every Accomplishment starts with a decision to try."

Prayas is organised by the Department of Basic Science and Humanities annually as an exclusive platform for First Year Engineering students to transform knowledge into application while also enhancing soft skills. Prayas started in 2015 with the aim of developing scientific skills and innovating thinking among students.

PRAYAS 2019 saw amazing response from the First year students. The inaugural function commenced at 9:30 am in the New Auditorum (B-Wing), St. Francis Institute of Technology (SFIT). On the dais, we had our honourable dignitaries: Chief Guest, Mr. Santosh Takale, Senior Scientific Officer, Bhabha Atomic Research Centre (BARC), our Director, Bro. Jose Thuruthiyil, our Deputy Director, Bro. Vijaykumar Pereira, our Principal, Dr. Sincy Gorge, Coordinator- Basic Science and Humanities, Dr. Poonam Hemnani and Coordinator – PRAYAS 2019, Mr. Ravindra Garmode. We also had the encouraging presence of Deans, Heads of all the core engineering departments, the teaching and non-teaching members of the SFIT family and students. We were proud to use a project of one of the PRAYAS groups for lighting of the lamp and this was appreciated by all the dignitaries.

Our Chief Guest invested his valuable time in interacting with the students while delivering the keynote address on the topic "Scientific temperament of the Universe". While emphasising on the technical and scientific understanding of things, he made students focus on practical thinking, getting their priorities right, professional ethics and learning to value important values that will contribute to their growth as not only a competent professional but also a better human being. Understanding knowledge, science and technology as not just powers to self but as tools to empower and enhance the living of community was a perspective that he particularly emphasised on. After the Inaugural, the Chief Guest and the Deputy Director declared PRAYAS open and visited all the projects. Our Chief Guest

particularly offered practical real time analysis, useful inputs and shared valuable insights with each of the participants.

We had more than 100 First Year students participating with 22 models, 3 Posters and 10 Powerpoint presentations. While the Projects and posters were exhibited in the new auditorium, the Powerpoint presentations were showcased in the Seminar room (103). Each of the categories was assessed by our eminent group of judges. Our judges were Dr. Nazneen Ansari, Ms. Minal Lopes, Ms. Nitika Rai, Ms. Elizabeth George, Mr. Shamshuddin Khan, Ms Snehal Kulkarni, Ms. Safa Hamdare, Mr. Inderkumar Kochar and Mr. Sandip Dhende. They not only assessed the performance of the participants but also provided them with much required feedback and encouragement. The teachers who guided our students as supervisors, preparing them for the event and the learning experience thereof, also require a special mention here.

The visitors included teachers and students from various departments. Few of the parents also visited the exhibition. Students from all FE classes were guided to the venue as per the specific schedule. All of them enthusiastically participated in the activities and were very keen in knowing the facts about the projects and the presentations. The team of staff was well supported by a group of student volunteers who contributed in a big way in organising the event. Thus, Prayas saw student contribution at various levels as participants, volunteers, comperes and a willing audience. Each role had much to gain from the event in terms of learning.

The valedictory function commenced at 4:00 pm in the presence of all our dignitaries. The Co-coordinator – Prayas 2019, Ms. Arti Bhatnagar presented a report summarising the event followed by a video showcasing the glimpses of Prayas 2019. The Chief Guest provided his valuable feedback to all based on his interaction with the students. Two of our student participants also shared their experience with the audience. The prize distribution commenced by declaring the winners. This was followed by felicitation of our Judges. Our dignitaries then presented the certificates to the volunteers and participants. The valedictory function concluded with the vote of thanks delivered by Co-coordinator Prayas 2019, Ms. Deepa Panakkal.

CHIEF GUEST

Mr. Santosh Takale,

Senior Scientific Officer,

Bhabha Atomic Research Centre

Session conducted by Chief Guest and his interaction with students

(L to R)

Prayas Co-coordinator- Ms. Arti Bhatnagar

FE Coordinator- Dr. Poonam Hemnani

Prayas Coordinator - Mr. Ravindra Garmode

Prayas Co-coordinator – Ms. Deepa Panakkal

GLIMPSES – PRAYAS 2019

FACULTY ACHIEVEMENTS

Sr. No	Name of the Faculty	Achievements (Conferences/Workshop/Seminars Attended)	Exams Cleared
1.	Ms. Preethi Colaco	Attended AICTE sponsored one week QIP on "Solar thermal technologies for process heat and power" Obtained a minor research grant of Rs. 30,000 from University of Mumbai	
2.	Mr. Praveen Mathew Kurien	Presented a paper titled "Ethics in Social Media with Special Reference to Selfies: An Orientation" in the Multidisciplinary One Day National Conference organised by N.M College, Vile Parle & ICSSR and published in International Journal of Advance and Innovative Research (UGC Listed impact factor: 7.36), Vol.6, No.1, 20-22, 23rd February 2019.	
3.	Ms. Arti Bhatnagar	Obtained a minor research grant of Rs. 30,000 from University of Mumbai	
4.	Mr. Mohd Faiz		Advanced Engineering Mathematics (May 2019)
5.	Mr. Bysani Malakondaiah	10 days AICTE induction programme on Universal Human Values (At A.P.Shah Institute, Thane)	
6.	Mr. Paul Fernandes	7 days AICTE Induction Program on Universal Human Values (At A.P. Shah Institute, Thane)	

7.	Ms. Gauree U. Jagushte.	3 days FIP (at SFIT, Borivali)	Introduction to abstract group theory (Aug-Oct18), Engineering Mathematics -I (May 2019), Basic Linear Algebra (May 2019)
8.	Mr. Sainath N Ghosalkar		Calculus of one variable (Sep 2018) Basic Linear Algebra (May 2019)
9.	Ms. Hazir Asma	3 days FIP (at SFIT, Borivali)	Engineering Mathematics - I (May 2019)
10.	Mr. Sunil R. Pansare		Engineering Fracture Mechanics (Jul-Oct 2018) (12 Weeks)

CSI REPORT

VR Gaming

A workshop on 'VR Gaming' was organized by the Computer Society of India - SFIT on the 19th and 20th of January 2019, in association with TechCryptors. It was attended by ten students in total. The workshop was conducted by Mr. Shivam. At the end of workshop, a competition was organized based on the content of workshop. The winners of the competition were awarded with VR Boxes.

Pre Technext Event: CSI – SFIT student branch organized a Pre-Technext event, code-a-thon 2019 in association with the TPO of college. It was an inter-college competition where in problem statements were given to the candidates and they had to crack the problems. It was a six-hour Hackathon organized on 9 February 2019. Students from various colleges of Mumbai participated in the event.

The winners of the event were:

1st -- Ajinkya Kamath – St. Francis Institute of Technology – B.E.

2nd -- Odion Ferrao – St. Francis Institute of Technology – B.E.

3rd-- Rishabh Bhatnagar – St. Francis Institute of Technology – T.E.

CSI – Day/ Magazine launch

CSI Annual Day was held on 5 April 2019. The event started with the welcome address by the CSI – Coordinator Ms. Amrita Mathur. It was followed by CSI - Annual Technical Magazine launch. Director Bro. Jose Thuruthiyil appreciated the efforts put in by coordinators and students. The event concluded with felicitation of CSI office bearers.

CSI Fun Trip

To provide student with the real life experience of application of virtual reality, CSI –SFIT organized a fun Trip to Imagica Theme park. Along with entertainment, the students also experienced the real games designed using virtual reality which was theme of our CSI-Annual Magazine - Paradigm.

**CULTURAL AND
SPORTS ACTIVITIES**

<u>Republic Day Celebration 2019</u>

26th of January is a gala day for every Indian. On 26 January 1950, the Constitution of India came into force and our country India became the Republic. We celebrate this day as a festival every year. Flag hoisting was conducted in Quadrangle at St. Francis Institute of Technology on 26 January 2019 at 8:30 am, followed by our National Anthem 'Jan Gan Man' sung by all the staff members of SFIT. Then everybody gathered in the new Auditorium. The Director and Principal addressed the gathering, followed by the series of speeches. Students performed beautiful patriotic dances. The whole programme of Republic day was captivating. The programme ended with the distribution of sweets and breakfast in the new canteen.

It was very well planned and executed by the Cultural Committee. Everyone enjoyed the day with colourful memories. Overall, the programme met its objective and was a grand success.

(Inputs by Ms. Shilpa Chaman)

IEEE SFIT Student Branch (ISSB)

A Brief History:

ISSB was conceptualized in SFIT in the year 2003 and till date, it is one of the active branches of IEEE Bombay Section. It aims at providing the best access to all IEEE resources to members and non-members alike. Since 2003, ISSB has conducted various seminars, lectures and workshops within the Institute. A 'National Seminar on Recent Developments in Circuits, Systems and Signal Processing' was organized at SFIT by ISSB in 2011 with eminent speakers from IIT Bombay. ISSB is convened by Mr. Santosh Chapaneri and Ms. Valentina Rani, for the A.Y. 2019-2020.

Objective: Our objective is to bridge the gap between industry and students studying in technology-related fields, while promoting and providing an intellectually stimulating environment for the student body.

ISSB Activities of Jan – June 2019:

1. Hands-on Machine Learning Workshop using Python was conducted by Mr. Santosh Chapaneri (SFIT) on 12 Jan 2019; 15 students participated in the workshop. This workshop helped the students to understand and learn various machine learning algorithms and apply them to several case studies. The following topics were covered:

a) Machine learning fundamentals

b) Logistic regression

c) Support Vector Machines (SVM)

d) Model Evaluation with hands-on implementations

2. Hands-on Deep Learning Workshop using Tensor Flow and Keras was conducted by Mr. Santosh Chapaneri (SFIT) on 9 March 2019, wherein 30 students participated in the workshop. This workshop helped the students to understand and learn the concepts of deep learning techniques along with implementation. The following topics were covered:

a) Multi-layer Perceptrons (MLP)

b) Deep MLP

c) Convolutional Neural Networks (CNN) with hands-on implementations.

3. Hands-on Antenna Design using HFSS Workshop was conducted by Ms. Anjali Chaudhari (SFIT) and Mr. Kuldeep Ghadiya (SFIT) on 11 April 2019; 8 students participated in the workshop. The following topics were covered:

a) Design and analysis of basic rectangular patch antenna at 2.4 GHz

b) Design of probe-feed rectangular microstrip antenna (RMSA)

c) Design of inset feed patch antenna.

COMMITTEE OF A. Y. 2018-2019

Activity: Technical Paper Presentation Organised by SFIT ISTE Student Chapter

A Brief Report:

Technical Paper Presentation gives students a platform to present their idea or project. It adds value to their resume. It also provides an opportunity to learn in detailed about a core subject.

Objectives:

- To motivate and promote students to write technical paper
- To make students aware of technical paper writing and presenting
- To motivate students to do a good project in the BE.

Judges: 1. Dr. Kushal Tuckley, Adjunct Professor in IIT Bombay

2. Dr. Raghavendra R. Sedamkar, Dean (Academic) and Professor of Computer Engineering at Thakur College of Engineering and Technology

Programme Overview:

Fifty teams submitted the papers in total. After reviewing, 17 papers were selected for the presentation. Finally, 11 team presented the papers on 5 April 19. A paper on "A multifunctional eco roof with air to water convertor" of SFIT Students was selected for the First Prize. A paper on "Smart gardening system using IOT" of Xavier Institute of Engineering was selected for the Second Prize.

Activity: A Workshop on Workplace Ethics Organised by SFIT ISTE Student Chapter

A Brief Report:

If workers trust their employer to treat them fairly, they will be happier about their jobs. Workplace ethics translate into a better work life for employees and a more motivated, loyal team for the employer.

Objectives:

- To motivate and promote students to follow workplace ethics
- To make students aware of work place ethics
- The Benefits & Importance of Ethics in the Workplace

Resource Persons:

Fr. (Dr.) Keith D'Souza, S. J. Rector of St. Xavier's College, Mumbai

Programme Overview:

It was a two-hour workshop on 8 March 2019 for preparing students to aware of work place ethics. The participants were BE students from the Department of Computer Engineering. Total 83 students attended the workshop.

Yoga Day celebration at SFIT was held on 21 June 2019 on the occasion of International Yoga Day with the objective of developing the habit of meditation among youngsters so that they can enjoy more peace of mind and self-awareness, which is essential for a stress-free existence. It also aimed at educating people about the various means of overcoming stress naturally through Yogasanas. About 28 NSS Volunteers participated in the International Yoga Day.

Library Stock Verification at L.I.R.C. SFIT was held from 10 to 20 June 2019 with the objective of verifying the books available to the students before the start of the new academic year and to create opportunity for the volunteers to learn about the library and its functioning. Around 42 NSS volunteers enthusiastically completed the library books verification and contributed towards making the books ready and available for the coming academic year under the constant guidance and support of the Librarian, Ms. Chinmayee and her team.

Run for the Oceans was organized in coordination with Afroz Shah on the Occasion of World Oceans Day on 8 June 2019 with the objective of creating awareness regarding the cleanliness on beaches through a marathon run on the beach. The objective of the event was to support the cleanliness movement (Swachh Bharat Abhiyan) and to sensitize all the citizens from the city about their moral responsibility to keep the ocean clean. About 32 responsible NSS volunteers participated in creating awareness through the run, followed by the clean-up.

A Series of **Beach Clean-ups** was held in the months of January and February 2019, on 12 January, 17 January, 26 January and 20 February 2019 with the objective of making the students realise the importance of marine life, to support Swach Bharat Abhiyan and to sensitize the students about their moral responsibility to keep the beaches clean.
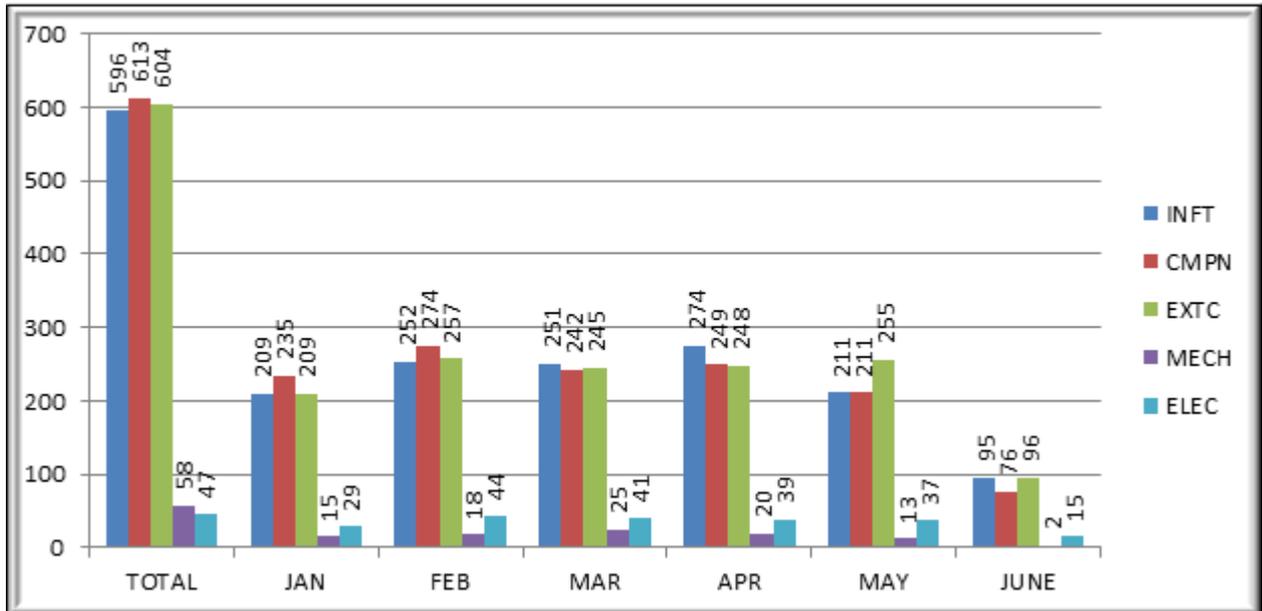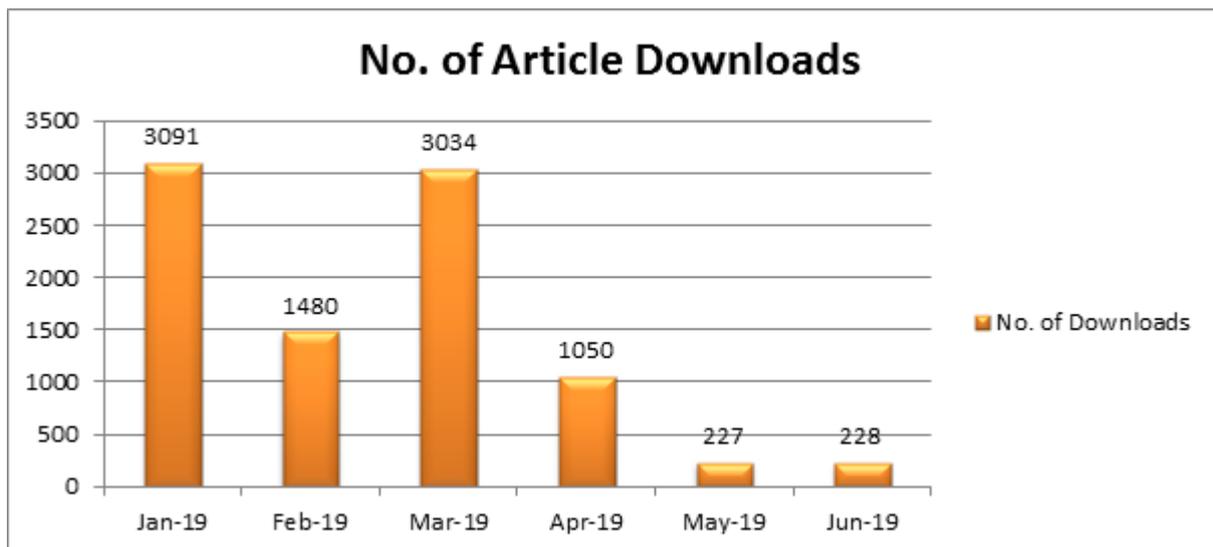
LIBRARY

Initiatives:
Online Payment of overdues has been initiated for the ease of the library users.
Exhibition of Marathi Books and various contests were organized on the eve of Marathi Bhasha Diwas
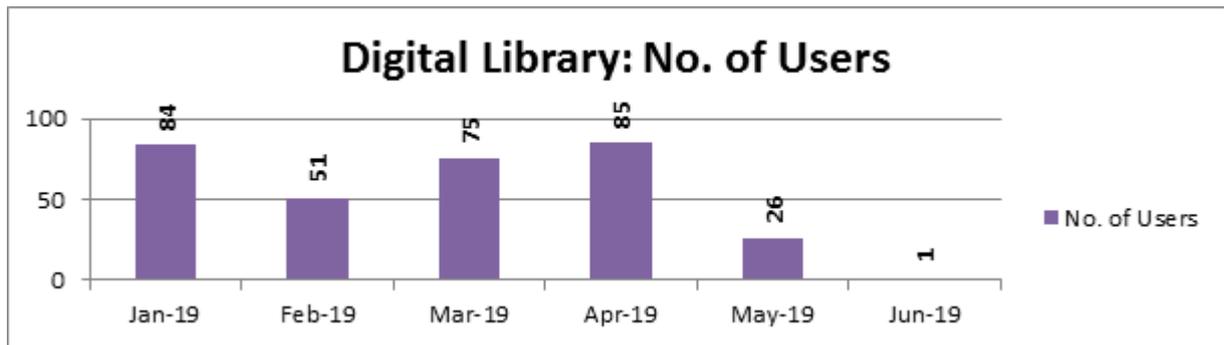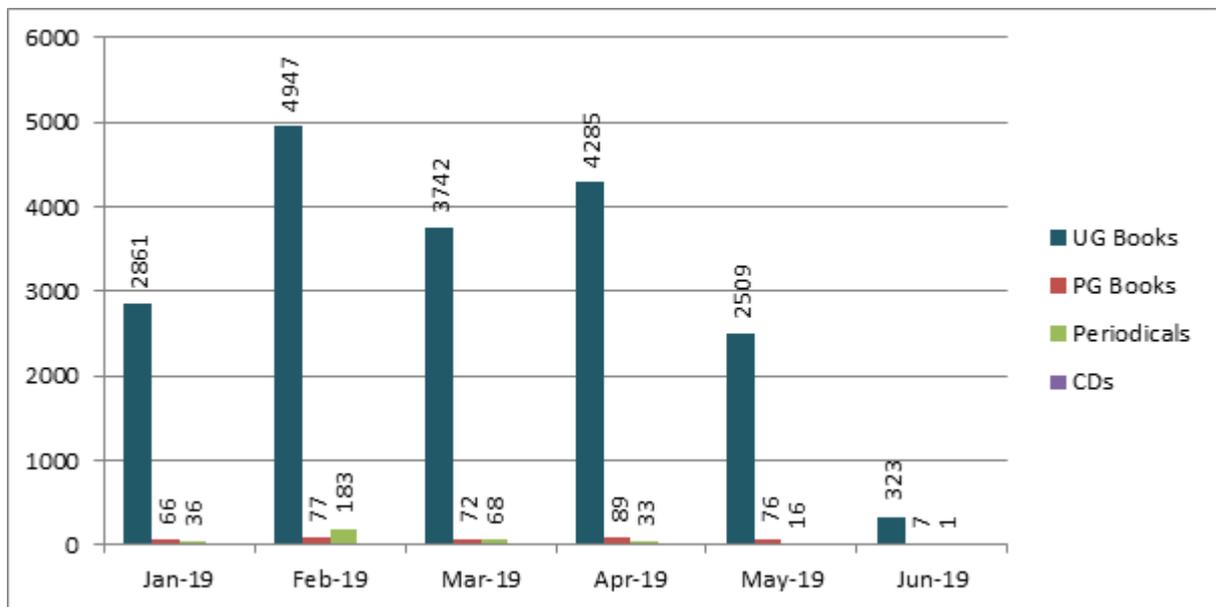
Usage Statistics:

Foot-Falls in the LIRC (January to June 2019): Department-Wise

IEEE IEL (Online): Number of Article Downloads (Month-Wise)

Digital Library: Number of Users (Month-Wise)

Media Borrowed: Number of Items Borrowed (Month-Wise)

Salient major activities during January 2019 to June 2019

1. Technical training on Machine Learning, IOT and Python by ATS Software was conducted for BE 2020 batch.
2. Aptitude skill training was conducted for BE 2020 batch by External expert of Campus Credentials.
3. Session on Overview of SAP ERP was conducted for BE 2020 batch by TCS official.
4. Workshop on Basics of R Programming was conducted for SE 2021 batch by TCS official.
5. Personality development session was conducted BE 2019 batch, TE 2020 batch and SE 2021 batch by Hindustan times.
6. Seminar on Higher education was conducted for TE 2020 batch by IDP.
7. There are 71 Companies visited till date and more in pipeline for 2019 batch.
8. Our students received 363 offers till date in 2019 batch.

Glimpses of the Activities

Session on Overview of SAP ERP was conducted for BE 2020 batch by TCS official.

Briefing Session on Recruitment Overview for TE students

Campus Drive by LTI

Annual Report on SFIT-E-Cell Activities (A.Y. 2018-19)

SFIT–E-Cell offered to participate actively in Rekindle 2019 – First ever alumni meet arranged by SFIT Alumni association on 5 January 2019. E-cell members had set up a booth for selling Rekindle merchandise like diaries, planners, T-shirts, hoodies and pen drives. This initiative helped E-cell in gaining visibility, interact with alumni and faculty members and gain valuable lessons in planning, marketing and sales.

SFIT-E-Cell Members at Rekindle 19 Merchandise Booth with Director Bro. Jose Thuruthiyil

SFIT staff members visiting E-cell's Rekindle 19 merchandise booth

Start-up fest was organized on 12 January 2019 especially for SFIT start-up community.

Mr. Pranav Vyas gave an engaging talk on entrepreneurship skills.

Mr. Pranav Vyas addressing SFIT E-cell members during Start-up Fest 2019

E-cell member and start-up aspirant Mr. Het Shah from BE ITB demonstrated drone operation and how this skill can be used for monetization.

Mr. Het Shah demonstrating drone operation during Start-up Fest 2019

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Bits-N-Bytes 2019 (January – June)

Compiled by: **Library, Literary and Social Media Committee**
Members: Ms. Neha Agnihotri
         Ms. Sowmya Saudolla
         Ms. Chinmayee Bhange
         Ms. Sucheta Prabhudesai
         Sr. Bhavya
         Ms. Priya Karunakaran
         Ms. Lisa Rodriques
         Ms. Snehal Lopes
         Mr. Raheem Sayed
         Mr. Sanjay Ghandigaonkar