ST. FRANCIS INSTITUTE OF TECHNOLOGY
BORIVALI WEST, MUMBAI

BITS-N-BYTES
(July to December 2019)

(For Internal Circulation Only)

PRAYAS – 4th March, 2020

The IEEE SFIT Student Branch cordially invites you to our Intercollegiate Technical Debate, Mind Clash which is happening on the 29th of February, 2020. There is nothing more valuable than your presence in the inauguration.

PRAGATI2020

by

13th and 14th MARCH

E-CELL SFIT

THE NATIONAL TECHNICAL INNOVATION & BUSINESS PLAN COMPETITION

An integration of a business plan competition into a technical innovation competition to encourage participants to bring their products into the market.

OPPORTUNITIES

- MENTORING
- NETWORKING
- INVESTMENTS
- INCUBATION OPPORTUNITIES
- TALKS BY EXPERTS
- MEDIA COVERAGE

PRAGATI 2019 WINNERS

TECHNICAL 2ND RUNNER'S UP

TECHNICAL 1ST RUNNER'S UP

TECHNICAL WINNERS

BUSINESS PLAN WINNERS

CASH PRIZES UPTO :

RS. 2 LAKHS

FOR FURTHER DETAILS CHECK OUR WEBSITE :
pragati.ecellsfit.com

* Accomodation will be provided for outstation participants

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DEPARTMENT OF INFORMATION TECHNOLOGY

Congratulations to INFT Department for receiving NBA Accreditation for three years – 2019-2022.

100 % result of final Year BE IT students for the academic year 2018-19. Kudos to Team INFT!!

Project on Design and Development of Web Application for Project Management Process completed successfully.

Dr. Sincy George (Principal , SFIT) , Dr. Joanne Gomes (HOD , INFT dept.), Ms. Nitika Rai (Associate Professor , INFT dept.), Ms. Mrinmoyee Mukherjee (Assistant Professor , INFT dept.) , Mr. Amit Mukherjee (Director Mott Macdonald) and Mr. Ravindra Dwivedi (Business Head Corporate Advisory) representatives of Mott MacDonald Private Limited finalizing the consultancy project at Mott MacDonald Private Limited , Worli Mumbai.

Industrial Visit for (TE IT) students to IOT House Bandra by dept faculties (Ms. Grinal Tuscano, Ms. Sonali Vaidya).

Industrial Visit for (BE IT) students to Perto India Pvt. Ltd. by dept faculties (Dr. Nazneen Ansari; Mr. Vaibhav Kala).

PERTO company was started in 1980 in Brazil .This company Manufactures ATM Dispensers and machines. Similarly there are many company who manufactures ATM Dispensers like the NSR Company in US, Vertex Indian company in Chennai, AGS in US and Perto in Brazil. In India PERTO company started in 2014-15 and also 6000 machines are

installed by PERTO in India till date and also the company has good amount of install base in India today. PERTO company started its work from scratch and have developed their machines with their own ideas.

Software part of the machine was also briefed to us by MRThe software language used for ATM machines is C++ and the main manufacturing company i.e.factory of PERTO is in Jaipur 500 employees are working in Jaipur.

PERTO invested 450 crore in India to bring up their startup PERTO company is associated with DELL. Currently PERTO has the capacity of Manufacturing 500 Machines per Month.

PERTO ATM machines are mainly used by ICIC banks other banks use very less ,on the verge of adapting the PERTO machines and SBI is the prominent customer of PERTO.

PERTO Company has developed their own technology,also they use DDC & NDC protocol. The NSR company developed NDC protocol and PERTO have to give royalty to NSR company for using their protocol.

PERTO company has mainly focused on the Security of the ATM machines also it has added a anti-skimming device in their machines to avoid Fraud.

Two main technology used by PERTO to Dispense the Cash are Vaccum Based and Friction based.PERTO uses Vaccum based technology to Dispense the cash.

The working of the machines was also told to us by the engineers of the PERTO company. In Vaccum based technology the Nozzles are used to pick up the notes and push forward and also a sensor is used to check the notes thickness.

Successful completion of NPTEL courses

Dr. Prachi Raut , Dr. Nazneen Ansari, Ms.Nitika Rai, Ms.Shree Jaswal, Ms. Priyanka Gonsalves, Ms. Alvina Alphonso, Ms. Priyanka Gonsalves completed the NPTEL Courses pertaining to their subjects.

Information Technology Students Association (ITSA)

Information Technology Students Association (ITSA) has successfully conducted different workshops; Seminars on topics like Intra Department Debate competition, Farewell; Welcome Program, Graduate Record Examination (GRE), Java & SQL.

Team – ITSA

Industrial Visit to NUOS Home Automation on 21 Aug 2019 for TE students

DEPARTMENT OF COMPUTER ENGINEERING

AICTE-ISTE Approved One Week STTP

<u>**Natural Language Processing: Theory and Practices**</u>

Date: **2nd to 6th December 2019**

Convenor: **Dr. Kavita Sonawane**

Co-ordinators: **Ms. Dakshata Panchal & Ms. Pradnya Rane**

Department of Computer Engineering had organized one week STTP on "Natural Language Processing: Theory and Practices" from 2nd to 6th December 2019. The objectives of this STTP were to cultivate the seed of NLP as the emerging area of advance computing in the educational and industrial field, and to motivate the participants to explore various applications and real-world problems of natural language processing.

The major focus of the workshop was to make awareness of NLP from basic to advance with practical exposure to emerging concepts of NLP like machine translation, semantic analysis, etc., and also, to expose and practice on current trends and emerging tools of NLP. The goal of the STTP was to help the participants to generate new ideas in NLP domain towards the solution of real world problems. Inauguration of STTP commenced with the college prayer and lighting of the lamp to seek the blessings of God Almighty in the presence of Chief Guest Dr. Subhash Shinde – Vice Principal (LTCOE), Director -SFIT, Principal, HODs, Deans, TPO, faculties and participants. Dr. Kavita Sonawane, Head of CMPN Department, welcomed the participants and briefed about the motivation of conducting STTP. Ms. Dakshata Panchal, course coordinator of STTP briefed the participants about the course contents & objective of the training program.

Day 1: Chief Guest and keynote speaker Dr. Subhash Shinde, Vice Principal, Lokmanya Tilak College of Engineering, delivered keynote address & gave an overview of Natural Language Processing. On the same day, Mr. Santosh Chapaneri, Assistant Professor in the Department of Electronics and Telecommunication Engineering, SFIT introduced the participants to key concepts of deep learning in natural language processing along with the hands-on session.

Day 2: Ms. Jayashree Jagdale, Assistant Professor at Pune Institute of Technology, Pune delivered a hands-on session on tools for text pre-processing. She discussed various text pre-processing techniques required for natural language processing and a hands-on session on the various tools in python was taken. On the same day, Dr. Kranti Ghag, Shah and Anchor College of Engineering, Chembur, Mumbai delivered a session on text parsing and text classification. Lab session for various text parsing and classification techniques in python was conducted along with the theory session.

Day 3: Dr. Phiroz Sheikh from Don Bosco Institute of Technology, Kurla conducted a session on designing corpora for NLP applications to cultivate the importance of NLP in real-world applications. On the same day, the second session was delivered by Dr. Neepa Shah, Visiting Faculty, D. J. Sanghavi College of Engineering, Vile Parle (W) on semantics: applications and case studies. She discussed various case studies on various NLP applications. In the second half of the day, Ms. Tamali Banerjee, Research Scholar, IIT Bombay discussed machine translation with a hands-on session on the various tools available in python for machine translation.

Day 4: A session on sequential tagging was conducted by Mr. Harsh Jalan, Formerly Co-founder Daten and Wissen, Mumbai. He covered the concepts of text summarization, its needs and various tools available in python to do text summarization and sequential tagging. Later in the second half of the day, introduction to sentiment analysis with the concepts of Senti-Wordnet was introduced and explained by Ms. Manasi Kulkarni, Assistant Professor, VJTI, Mumbai and Research scholar, IIT-B. Different tasks such as sarcasm detection, polarity detection to name a few were discussed and the practical session was conducted to introduce the various tools available to do so were briefed.

Day 5:

A hands-on session on a Chatbot application development was conducted by Ms. Garima Yadav, Data Scientist, Blocklogy, Mumbai. The use of NLTK library of python for Chatbot implementation was demonstrated. The second session on that day was conducted by Dr. Supriatim Biswas, Adjunct Professor, IIT-B who gave a deep insight on research directions in NLP. He discussed the current development in the area of NLP along with the roadmap about research directions in NLP. The last session of the STTP was conducted by Ms. Rajashree Shedge, Assistant Professor, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai. The speaker discussed the importance of NLP and why it has been introduced in the curriculum of the final year engineering syllabus. She also discussed the prescribed syllabus of the University of Mumbai in detail.

The valedictory function was organized to felicitate the participants on successful completion of one-week training program on "Natural Language Processing: Theory and Practices" and Training Completion Certificates were presented to the participants.

Report prepared by: **Ms Dakshata Panchal & Ms Pradnya Rane**

PROJECT PAPER PRESENTATION COMPETITION

Date: **11 October 2019**
Participants: **BE CMPN A and B**

The Department of Computer Engineering successfully conducted a **Project Paper Presentation Competition** for final year students on **11 October 2019**. The competition was held in two rounds. In the first round, the entire final year project groups participated and were judged by internal domain experts. After the first round, 14 groups were selected for the second round. The judges for the second round were Ms. Anjali Chaudhary, Assoc. Prof (EXTC), Dr. Santosh Chapaneri, Asst. Prof. (EXTC), Dr. S. Biswas (CMPN). Through this competition, students were motivated to write good technical papers and also got inputs from the expert panel of judges about how to improve their projects. The first prize was shared by two groups.

Prize	Project Paper Title	Group members	Guide
1st	Interaction analysis over speech for call center	Dmello Veerus Felix, Kholkute Parth Ameet, Kolhapurkar Rhea Nilesh, Nicholas Mario Patric	Ms. Ankita Karia
1st	Intelligent Healthcare System for Niramay Mother Care Centre	Chettiar Alicia John Britto, Chittilapilly Boscosylvester J, Dalvi Saket Milind, Serrao Avril Archi	Ms. G. Anuradha
3rd	Malaria Parasite Classification using Image Processing and Machine learning	Telang Hrishikesh Mahesh, Shanbhag Anushree Anil, Shruti Sureshan Rajani,	Dr. Kavita Sonawane
4th	Personality assessment using Social Media for hiring candidates	Moraes Roshal Suresh, Pilankar Mrunal Dilip, Pinto Larissa Lancelot	Ms. Pradnya Rane

Industrial Visit Report

Date: **17 September, 2019**

Industry: **Bombay Stock Exchange (BSE)**

Faculty participants: **Ms. Safa Humdare, Ms. Ankita Karia, Ms. Shobha Tyagi, and Ms. Jayashree Mittal**.

Student participants: **TE CMPN A and B**

On Tuesday, 17 September 2019, 150 Third Year students of the Department of Computer Engineering visited Bombay Stock Exchange (BSE) on Dalal Street, Churchgate. The students assembled at BSE at 11:30 am where they met our college faculty, Ms. Safa Humdare, Ms. Ankita Karia, Ms. Shobha Tyagi, and Ms. Jayashree Mittal. The contact person was Mr. Ivan Pereira, under his guidance, the visit inside the premises of BSE began at 12:10 pm. All of the students were taken to the ICH hall on the first floor of BSE. We were first given forms to fill by BSE to provide them with our personal details. Mr. Ali introduced himself and began the session with a short briefing of what the Bombay Stock Exchange is by telling us about its founders and history.

The Bombay Stock Exchange was founded in 1875 by Premchand Roychand, influential businessmen in 19th-century Bombay. A man who made a fortune in the stockbroking business and came to be known as the Cotton King. Sir Phiroze Jamshedji Jeejeebhoy (1915–1980) was the Chairman of the Bombay Stock Exchange (BSE) from 1966, until his death in 1980. Initially, the stock exchange used to take place between various stockholders and other people under banyan trees. We were also shown a video about all of the BSE history. At the end, the symbolization of the statue of the bull at the entrance was talked about.

Mr. Ali introduced us to Prof. Pranav Shastri who walked us through what is BSE, what it does and its applications. His main aim was to get us acquainted with FinTech which means financial technology. Using FinTech, BSE has become the fastest exchange in the world with a median response time of 6 microseconds and are now working to achieve the speed of 4 microseconds. BSE has become the fastest and largest exchange in the world. Equities, ETF, sales, risk management, settlement, education, etc. operate under BSE. Prof.

Shastri also spoke to us about the 2008 financial crisis which cost the world the debt of 250 trillion dollars, the math of which leads to an approximate 60 lakh rupees loan in the name of every individual born/existing around the globe. This major loss in the banks around the globe was a call for a revolution as people lost all their trust and hope in the banks and their working, thus introducing FinTech. It provides anonymous transparency of all transactions.

FinTech is a combination of wealth tech payment tech; insure tech, blockchain, payment tech, reg tech, and security tech. Prof. Shastri spoke to us about how attention is the first most priceless thing in the world and the second most important is data. To have a secure database, FinTech steps in and using reg tech and following data management regulations we avoid manipulation of data. The regulation addresses regulatory challenges and facilitates the delivery of compliance requirements. Blockchain is cryptocurrency and it's not legal tender which means one can't use it for exchange for other items. Blockchain is an immutable distributed database. Mr. Satoshi Nakamoto is the creator of bitcoin and no government or country can manipulate it. Blockchain is the backbone of industrial revolution number 4 consisting of IoT, etc. It's like a magic piece of paper and all our names once written can't be deleted from it. Other emerging technologies are AI, biometric technology, Robo advisory, App developers, Quantitative analyst and data science, etc. Blockchain is in entertainment contracts finance transportation government services human rights and contributions etc. Due to the revolution in the network range and its speed, we rank number one in data consumption. He suggested we work on our basic skills set and do internships and courses to grow with technology using FinTech, understanding and developing applications for it.

Basic understanding lies in the style of attack by the bull. The bull is associated with the rise in the stock market, the reason being, that when a bull attacks, it places its head down and points its horns to the target. When it pierces the target it pushes its head up using massively strong neck muscles and tossing the victim up in the air, thus it is called a BULL move or BULLISHNESS.

The seminar ended at 2:30 pm, and the participants left BSE by approximately 3 pm.

Report prepared by: **Ms. Ankita Karia**

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Second Year Parent-Teacher Interaction Meet

Date and Time: **20 July 2019, Saturday, 2.00-5.00 pm**

Venue: **New Auditorium**

Members Present: Director, HoD CMPN, Teaching and Non-teaching staff CMPN, Parents

The PTI session started with the felicitation of 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 the college prayer followed by Director Bro. Jose Thuruthiyil's address. Brother Jose welcomed all the parents and accentuated in his address the importance of discipline, perseverance and hard work in a student's life.

The session was addressed by Principal, Dr. Sincy George, who shared the importance and necessity of Parent-Teacher meeting, and also highlighted the college activities. The session 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. He elaborated placement activities in

SFIT with a presentation on the following points:

- Academic collaboration
- Importance of attendence
- Engineering admissions (AICTE data)
- Skills required in Industry
- Action plan to increase placements
- Placement of 2018 batch
- CGPA requirement for placements
- Technical skill development for students

Dr. Kavita Sonawane, thereafter shared the department highlights, students laurels, and achievements. She also briefed about the code of conduct followed in the department for the betterment of our students. She also urged the parents to 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

The meeting was then declared open for question-answer session for parents. It was concluded by a vote of thanks by Ms. Shobha Tyagi.

<div align="center">**R Programming Workshop**</div>

Date and Time: **Saturday, 12ᵗʰ October 2019 and 09 November 2019**
Venue: **SFIT Remote Centre**
Co-ordinator: **Ms. Safa Hamdare**

The R workshop was organized by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the *Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)*, MHRD, Govt. of India. As the Spoken Tutorial method offers hands-on practice, with 100% active learning, those who have undergone this training will be able to start using the R language after the workshop. They will also be able to conduct R workshops for their students, using Spoken Tutorials, without requiring any help from anyone else. The one-day R Main workshop was conducted on Saturday, 12 October 2019 and 09 November 2019, through about 200 Remote Centres of IIT Bombay. This was a blended training programme that used A-VIEW for live interactions and Spoken Tutorials to learn to use the R language. The medium of instruction for this workshop is English.

This was a one-day workshop consisting of two components as follows:

1. **Coordinator Workshop,** It was a one day workshop, on **Saturday, 12 October 2019**. One Workshop coordinator chosen by the Remote Centre has attended this workshop. They learnt R programming language through Spoken Tutorials. This workshop was conducted to train Coordinators to conduct participant's workshop which was held on 9ᵗʰ Nov 2019.

2. **Participants Workshop-**It was a one day workshop, on **Saturday, 09 November 2019**. All participants have participated through chosen Remote Centre. They learnt R programming language through Spoken Tutorials, with help from Coordinators, already trained for this purpose by IIT Bombay.

Learning Objectives for the Course:

- **R** (http://www.r-project.org/) is a Free/Libre and Open Source Software (FLOSS) - a well-organized and sophisticated package - that facilitates data analysis, modeling, inferential testing, and forecasting. It is a user-friendly software that allows creating new function commands to solve statistical problems. It runs on a variety of UNIX platforms (and similar systems such as LINUX), Windows and Mac OS X.

- R is one of the most preferred open-source languages for analytics and data science. The cross-platform compatibility of R and its capacity to handle large and complex data sets makes it an ideal tool for academicians to analyze data in their labs.

- R can be used for simple calculations, matrix calculations, differential equations, optimization, statistical analysis, plotting graphs, etc. Also, it is useful for anybody who wishes to undertake extensive statistical computations and data visualization.

- R allows you to develop custom Artificial Intelligence Apps to deploy within your own organization. It has numerous packages that are used in the field of ML.

Participants Details:

Total 11 participants registered for participants workshop, out of which seven participants have successfully completed their workshop. Out of these seven participants, two participants were from external college.

Prepared by: **Ms. Safa Hamdare**

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Guest Lecture by Dr. Biswas on
'Theory of Computer Science'

Date: **23rd August 2019**

Speaker: **Dr. Supratim Biswas (Professor, IIT Bombay)**

Venue: **Room No. 411**

Time and Duration of the Seminar: The seminar was conducted separately for each division and the timings were as follows:

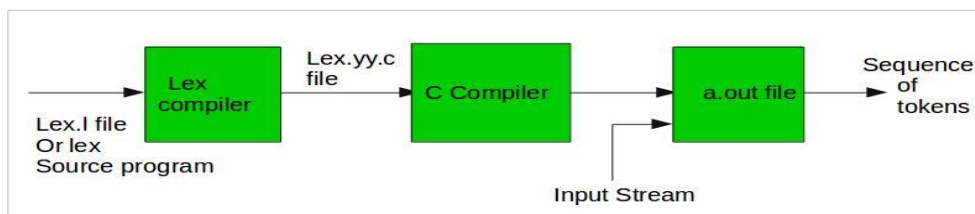Time: 10:15 am – 12: 15 pm and 1:00 pm – 3:00 pm   Duration: 2 hours each

Participants : **TE CMPN (A & B) students**

Objective: **Practical Application of TCS and why a computer engineering graduate should study TCS**

Contents : **Flex and Lex Tool**

REPORT

The course was about Pattern Matching using a tool called Flex/Lex. The session started first with the basics of TCS- alphabet, pattern and Regular Expressions. He then gave an introduction about Flex/Lex tool which was the theme for the session. Flex/Lex is a tool to generate pattern recognizer given an input script(pattern, action). Action is a piece of C code that will be executed if the pattern is found. Flex/Lex generates a C code as the output. The generated file has the name 'lex.yy.c' On compiling the C code(lex.yy.c) we get our pattern recognizer. The input of the pattern recognizer is a string and output contains the detected pattern.

We then wrote the Regular Expression for the email ID and Date recognizer.

- Technical Details: Flex and Lex tools were explained on Linux machine.

The aim of the seminar was to have hands-on practical approach to TCS, which was very taken in the seminar. Students enthusiastically attended the seminar and were happy with the content taken by Prof. Dr.S.Biswas.

Prepared by: **Ms. Ankita Karia**

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RESEARCH AND DEVELOPMENT ACTIVITIES
Seminar on: Application of Machine Learning in Biometrics

Date:14 Sep 2019, Venue: Room 422

Conducted by: **Mr. Shamsuddin S. Khan**

Machine learning is programming computers to optimize a performance criterion using example data or past experience.

Applications of ML in Biometrics

- Face Recognition

- Fingerprint Scanning
- IRIS Scanning
- Retina Scanning
- Vein Geometry

Two areas were discussed:

1. **Animal identification methods**

   Visual Animal Biometrics

   1. Cattle Identification based on Face Images
   2. Muzzle point (nose) Image pattern based Recognition of Cattle

2. **Biometrics in New Born Recognition**
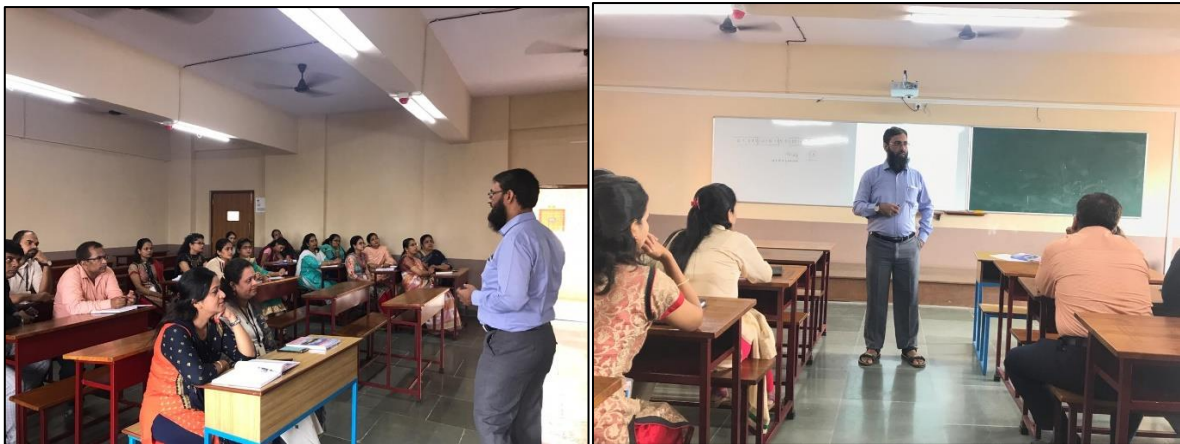
   Ear as Biometrics, Ears are rich in features

   A medical study has shown that in ear variation over time is most noticeable

during

   - The period from 4 months to 8 years old and
   - Over 70 years old

Features which makes ear biometrics a good choice

- Uniqueness
- Expression invariant (unlike face)
- Ear's smaller size
- Uniform color

Prepared by: **Mr. Shamsuddin Khan**

NPTEL-IIT CERTIFIED ONLINE COURSES COMPLETED:

Faculty	Course title	Duration	Remarks
Ms. Priya	Operating System	8 Weeks	Successfully completed
Ms. Jayashri Mittal	Machine Learning	8 Weeks	Successfully completed
Ms. Safa Hamdare	Machine Learning	8 Weeks	Successfully completed
Ms. Pradnya Rane	Switching Circuits and Logic	12 weeks	Successfully completed
	Operating System Fundamentals	12 weeks	Successfully completed
Mr. Rupesh Mishra	Deep Learning	12 weeks	Successfully completed

DEPARTMENTAL RESEARCH ACTIVIITES:

Name of Faculty	Project Name	Status of Completion in %
Dr. Kavita Sonawane, Ms. Dakshata Panchal	Tech Event Management	50%
Mr. Rupesh Mishra, Ms. Safa Hamdare	Online MCQ	70%
Ms. Jayshree Mittal, Ms. Varsha Shrivastava	Exam Seating Arrangement	50%

MINOR RESEARCH GRANTS ACHIEVED:

Name of faculty	Project Name	Sanctioned amount
Dr. Kavita Sonawane	Centralized Electronics Health Record System	Rs.30,000
Ms. Vincy Joseph Ms. Anuradha Srinivasaraghavan	Automated Toll Collection	Rs.25,000

PRODUCT DEVELOPMENT/ OUTHOUSE PROJECTS:

Sr. No	Details
1	**"Intelligent Healthcare System for Niramay Mother Care Centre"** done by Chettiar Alicia John Britto, Chittilapilly Boscosylvester J, Dalvi Saket Milind, Serrao Avril Archi under the guidance of **Ms. Anuradha Srinivasaraghavan**
2	**"Route and Cost Optimization"**, Jasmine Pinto, Alston Quadros, Disha Rathod for Syngenta India Limited, Pune under the guidance of **Ms. Jayashri Mittal**
3	**"VERA: AI CAREER COACH"**, Arbaz Khan, Vinit Masrani, Anoop Ojha for Board Infinity, Mumbai under the guidance of **Ms. Safa Hamdare**
4	**"Woyse - A Multilingual Entity Recognition System",** Borole Bhushan, Jain Riya Subhash, Carvalho Nishant, Bhoir Siddhesh Kishor for 'Woyse' under the guidance of **Mr. Rupesh Mishra**

Short Term Training Programs/Workshop/Seminar Conducted:

Sr. No	From Date	To Date	Conducted for	STTP/Workshop/ Seminar Conducted	Topic	Name of the Coordinator
1	2-12-2019 to 6-12-2019		Faculty and Students	STTP	Natural Language Processing: Theory and Practices	Dr. Kavita Sonawane **(Convenor)** Ms. Dakshata Panchal and Ms. Pradnya Rane
2	23-08-2019		TE CMPN Students	Seminar	Guest Lecture on Theory of Computer Science	Ms. Ankita R. Karia

3	09-11-2019	Faculty	Workshop, Teaching Learning Centre (ICT) at IIT Bombay	R Programming	Ms. Safa Hamdare
4	19/08/2019	Students	Seminar	Life during and after engineering--A personal and professional skills devlopment seminar for engineers	Ms. Varsha Nagpurkar and Ms. Snehal Kulkarni
5		(SE/TE- all) Students	Orientation	Internship opportunities and team building for Technical competitions	Dr Kavita Sonawane

Short Term Training Programs/Workshop/Seminar Attended:

S. No	From Date	To Date	Conducted for	STTP/Workshop/ Seminar Conducted	Topic	Name of the faculty
1	2-12-2019 to 6-12-2019		Faculty and Students	AICTE ISTE STTP	Natural Language Processing: Theory and Practices	Dr. Kavita Sonawane, Ms. Dakahsta Panchal, Ms. K. Priya, Ms. Vincy Joseph, Ms.

					Snehal Kulkarni, Mr. Shamsuddin Khan, Ms. Pratibha Rane, Dr. Shobha Tyagi, Ms. Varsha Nagpurkar, Ms. Stephina D'souza, Mr. Rupesh Mishra , Jayashri Mittal
2	Saturday, 12 October 2019	Faculty	Teaching Learning Centre (ICT) at IIT Bombay	R Programming	Ms. Safa Hamdare

FACULTY PUBLICATIONS

Sr. No	Faculty	Title	Description	Date
1	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
2	Ms. Pradnya Rane	AirNote- Pen it down	10th International Conference On Computing, Communication And Networking Technologies (ICCCNT)	July 2019
3	Ms. Dakshata Panchal	Surface Remeshing using Quadric based Mesh Simplification and Minimal Angle Improvement	IEEE International Conference on Data Science and Engineering(ICDSE)	Sept. 2019

4	Ms. Jayashri Mittal	A Novel Approach to Detect Phishing Attack Using Artificial Neural Networks Combined with Pharming Detection	3rd International conference on Electronics, Communication and Aerospace Technology (ICECA)	Dec 2019
5	Ms. Safa Hamdare	Text Summarization and Querying Model	IEEE-4th International Conference on Inventive systems and control-ICISC 2020	Jan 2020
6	Dr. Shobha Tyagi	Reliability-based dynamic multicast group formation provisioning local adjustment ensuring quality of service globally in MANETs	Taylor & Francis, International Journal of Parallel, Emergent and Distributed Systems	August 2019
7	Ms. Sweedle Macahdo	IoT based Automatic Waste segregator	2019 IEEE International Conference on Advances in Computing, Communication and Control 6th Edition	Dec 2019
8	Ms. Bidisha Roy	A Novel Metaheuristic Approach for Resource Constrained Project Scheduling Problem	4th International Conference on Soft Computing: Theories and Applications, (SoCTA'19), NIT Patna, Springer	Dec 2019

STUDENTS ACHIEVEMENTS

"CONGRATULATIONS TO ALL THE TOPPERS!!"

Sr. No.	Class	Student Name	CGPA	Rank

1	**SE**	NORONHA DARREL HENRY DIANA	**10**	1
2	**SE**	DEULKAR SMITA GANESH GAYATRI	**10**	1
3	**SE**	SOLANKI YASH SANDEEPKUMAR NEEPA	**9.87**	2
4	**TE**	MORAES ROSHAL SURESH LILLY	**9.93**	1
5	**TE**	JHA SNEHA MANOJ SUNITA	**9.74**	2
6	**BE**	TANNA TALISHA DEEPAK DHARMISTHA	**9.85**	1
7	**BE**	TAVARES CELESTE EDMUND MARIA	**9.665**	2
8	**ME-** First year	D'SOUZA CLETUS	**8.52**	1
9		RESHMA GEORGE	**8.00**	2
10	**ME**	ALVA MICHELLE`	**9.85**	1
11		DSOUZA STEPHINA	**9.42**	2

"SPONSORED PRIZES"

Sr. no	Name of the award	Awarded to	Subject	Marks	Exam	Sem & branch
1	Dr. Shekharchand Jain Prize Constituted By Mr. Mayank Jain Ex- Student, Sfit	D'Souza Ansel	Engg. Drawing	73/75	May-19	SEM II /FE
2	Shri. Dharmendra K Agrawal Prize	Moraes Roshal Shairley	Micro-processor- 1	90/100	Dec-18	SEM V/

		Suresh				CMPN
3	Late Aubrey D'almeida Memorial Award. Constituted By His Parents P. D'almeida & Ida Almeida	Serro Avril Archi	Mobile Communication & Computing	87/ 100	Dec-19	SEM VI/ CMPN
4	Late Princely D'Silva Constituted By Computers Department	Chittilapilly Bosco Sylvester J	Best Student of Computer Engg. Dept.	---	2018-19	Final Year/ CMPN

STUDENTS 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	31-08-2019	VR Event	Ansel Dsouza	SECMPN A	SFIT			Codex-SFIT
2	05-10-2019	Web Development Workshop	Harsh Oza	TE CMPN B	SFIT	40		CSI

3	28-06-2019	Machine Learning and Natural language processing	Shreya Prasad	TE CPMN B	SFIT	60		ISTE
4	11-10-19	Get Hired	Saket Dalvi	BE CMPN A	SFIT	110		SFIT Alumni Association

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	Sept 2019	NPTEL in Introduction to programming in C	Rebecca Dias	SECMPN A	Powai		Participated	IIT
2	31 July 2019	Solidworks	Almash Alam	SECMPN A	Online		Participated	Dssault Systemes
3	31 July 2019	Solidworks	Mrudula Acharaya	SECMPN A	Online		Participated	Dssault Systemes
4	24th and 25th August	Ethical hacking	Atharva Chiplunkar	SECMPN A	IIT Powai		Participated	Systems WAC workshop
5	11th to 13th	ESL India	Mark Cuthino	SECMPN A	Online		Participated	SOStrunk

	September 2019							
6	Sept 2019	NPTEL-Programming in C	Sujoy Dcunha	SECMP N A	Powai		Participated	IIT
7	Sept 2019	NPTEL Programming in C	Alan Dsilva	SECMP N A	Powai		Participated	IIT
8		Web Development	Alan Dsilva	SECMP N A	SFIT		Participated	CSI
9	14th Sept 2019	IOT	Anshul Shetty	SECMP N A	SFIT		Participated	IEEE
10	31st August 2019	VR game	Anshul Shetty	SECMP N A	SFIT		Participated	Codex
11	14th Sept 2019	IOT	Ansel Dsouza	SECMP N A	SFIT		Participated	IEEE
12	20th Sept 2019	Somaya game of codes	Ansel Dsouza	SECMP N A	KJ Somaya		Participated	KJ Somaya
13	14th Sept 2019	Workshop on IOT	Neil A	SECMP N A	SFIT		Participated	IEEE
14	20th Sept 2019	Somaya game of codes	Neil A	SECMP N A	KJ Somaya		Participated	KJ Somaya
15	20th Sept 2019	Somaya game of codes	Bhoomika M	SECMP N A	KJ Somaya		Participated	KJ Somaya

16	20th Sept 2019	Somaya game of codes	Sherwin Mathais	SECMPN A	KJ Somaya		Participated	KJ Somaya
17	July to Dec 2019	Codex, alumni,ecel l, magazine	Darren Noronha	SECMPN A	SFIT	6	Participated	Codex, alumni,ece ll, magazine
18	18-9-2019 TO 20-9-2019	ZEPHYR MACHINE LEARNIN G-WORKSH OP	RAJ RAJWADE	TE CMPN B	THAKU R COLLE GE OF ENGIN EERIN G	1	1st Place in coding competition	CSI
19	29.09.2 019	Blockchain Workshop	Vivek Shrivastava	TE CMPN B	SFIT	40	Participated	CODE-X
20	29.09.2 019	BlockChai n Workshop	Sahil Shinde	TE CMPN B	SFIT	40	Participated	CODE-X
21	29.09.2 019	BlockChai n Workshop	Naitik Zaveri	TE CMPN B	SFIT	40	Participated	CODE-X
22	29-09-19	Blockchain Workshop	Shelton Pinto	TE CMPN B	SFIT	40	Participated	CODE-X
23	29-09-19	Blockchain Workshop	Harsh Oza	TE CMPN B	SFIT	40	Participated	CODE-X
24	29-09-19	Blockchain Workshop	AbAbhinav Pisharody	TE CMPN B	SFIT	40	Participated	CODE-X
25	14-12-19	Microsoft Python 98-381 Exam	Darrel Noronha	TE CMPN B	SFIT		Achieveme nt	TPO
26	14-12-19	Microsoft Python 98-	Harsh Oza	TE CMPN B	SFIT		Achieveme	TPO

		381 Exam					nt	
27	14-12-19	Microsoft Python 98-381 Exam	Roshani Poojary	TE CMPN B	SFIT		Achieveme nt	TPO
28	14-12-19	Microsoft Python 98-381 Exam	Shelton Pinto	TE CMPN B	SFIT		Achieveme nt	TPO
29	22 28-9-19 and 29-9-19	Machine Learning Workshop	Tannmay Redij	TE CMPN B	SFIT	12	Conducted	ISTE
30	11-10-19	Intra-Collegiate Paper Presentatio n Competitio n	Saket Dalvi	BE CMPNA	SFIT	4	1st Place	SFIT
31	11-10-19	Intra-Collegiate Paper Presentatio n Competitio n	Boscosylves ter C	BE CMPNA	SFIT	4	1st Place	SFIT
32	11-10-19	Intra-Collegiate Paper	Alicia Chettiar	BE CMPNA	SFIT	4	1st Place	SFIT

		Presentatio n Competitio n					
33	1-10-19	Intra-Collegiate Paper Presentatio n Competitio n	Avril Serrao	BE CMPNA	SFIT	4	1st Place	SFIT
34	1-10-19	Intra-Collegiate Paper Presentatio n Competitio n	Larissa Pinto	BE CMPN A	SFIT	3	4th place	SFIT
35	1-10-19	Intra-Collegiate Paper Presentatio n Competitio n	Mrunal Pilankar	BE CMPN A	SFIT	3	4th place	SFIT
36	1-10-19	Intra-Collegiate Paper	Roshal Moraes	BE CMPN A	SFIT	3	4th place	SFIT

		Presentation Competition					

Extra-Curricular Activities

Sr. No.	Student's Name	Event Name	Class/Sem/Div	Achievement	College
1.	Alan Dsilva	IRIS 2020	SE CMPN A	Technical Team	SFIT
2.	Chelsea Dsouza	IRIS 2020	SE CMPN A	Marketing Team	SFIT
3.	Anshul Shetty	IRIS 2020	SE CMPN A	Marketing Team	SFIT
4.	Suyash Jamage	IRIS 2020	SE CMPN A	Annual Exec	SFIT
5	Suyash Jamage	IRIS 2020	SE CMPN A	Drama Head	SFIT
6	Prasad Kamath	IRIS 2020	SE CMPN A	Technical Team	SFIT
7	Ansel Dsouza	IRIS 2020	SE CMPN A	Technical Team	SFIT
8	Darren Noronha	IRIS 2020	SE CMPN A	Photography & Graphics Head	SFIT
9	Aditya Sutar	IRIS 2020	SE CMPN A	Security Head	SFIT
10	Bhangar Mishal	Star Python	SE CMPN A	Professional Certification	SFIT
11	Rahul Mirashi	NPTEL	SE CMPN A	Certification for C language	SFIT
12	Ansel Dsouza	Annual Day	SE CMPN A	Compering	SFIT
13	Bhoomika Mewada	NPTEL	SE CMPN A	Certification for Java	SFIT
14	Nimisha George	NPTEL	SE CMPN A	Certification for C language	SFIT
15	Ypgita Likhi	NPTEL	SE CMPN A	Certification for C language	SFIT

16	Ujala Maurya	NPTEL	SE CMPN A	Certification for C language	SFIT
17	Sherwin Mathias	Udemy	SE CMPN A	Certification for Python	SFIT
18	Prasad Kamath	NPTEL	SE CMPN A	Certification for C language	SFIT
19	Prasad Kamath	NPTEL	SE CMPN A	Problem solving through	SFIT
20	Prasad Kamath	NPTEL	SE CMPN A	Programming, Data Structures	SFIT
21	Michelle Rathod	Prayas 2019	SE CMPN B	Comperes of the event	SFIT
22	Gaurav Suvarna	CSI creative executive,	SE CMPN B	Participating as part of	SFIT
23	Pranav Sontake	Marketing Management -1	SE CMPN B	Completed The Course With	IIT KANPUR
24	Pranav Sontake	Firm level Economics:Consu	SE CMPN B	Successfully Completed The	University of Illinois at
25	Megha	TEDxSFIT	TE CMPN	Creative Team	SFIT
26	Urvi Shivan	Freshers	TE CMPN	Cultural	SFIT
27	Yash	Freshers	TE	Student	SFIT
28	NEHAL R	IRIS &	TE CMPN	Participant	SFIT
29	Ayush	MOSAIC	TE	Winner (NSS)	SFIT
30	Alisto Pinto	Freshers	TE CMPN	Dance	SFIT
31	Alisto Pinto	MOSAIC	TE CMPN	Winner (NSS)	SFIT
32	Ryan Pereira	MOSAIC	TE CMPN	Media	SFIT
33	Collin	Seminar	TE CMPN	Ml and NLP	SFIT
34	Yash Prasad	Seminar	TE CMPN	ML and NLP	SFIT
35	Yash solanki	Onam	TE	Student	SFIT
36	Abhyuday	IRIS	TE CMPN	Marketing	SFIT

37	Emmanuel	IRIS	TE CMPN B	Marketing Executive	SFIT
38	Shelton	MOSAIC	TE CMPN	Technical	SFIT
39	Abhinav	MOSAIC	TE CMPN	Technical	SFIT
40	Darrel	MOSAIC	TE CMPN	PR	SFIT
41	Harsh Oza	MOSAIC	TE CMPN	Technical	SFIT
42	Om Vinayak	IRIS	TE CMPN	Marketing	SFIT
43	Swapnil	MOSAIC	TE CMPN	Program Head	SFIT
44	Rutuja Rane	TEDX SFIT	TE CMPN	Treasurer	SFIT
45	Rutuja Rane	Freshers	TE CMPN	Cultural Head	SFIT
46	Roshani	MOSAIC	TE CMPN	Organising	SFIT
47	Sara Shaikh	MOSAIC	TE CMPN	Marketing	SFIT
48	Shivani Raul	MOSAIC	TE CMPN	Creative Head-	SFIT
49	Luvima	MOSAIC	TE CMPN	Organizer	SFIT
50	Rutika	MOSAIC	TE CMPN	Organizer	SFIT
51	Luvima	Freshers	TE CMPN	Dance	SFIT
52	Rutika	Freshers	TE CMPN	Dance	SFIT
53	Rutika	NSS event	TE CMPN	Flashmob	SFIT
54	Luvima	NSS event	TE CMPN	Flashmob	SFIT
55	Shreya	MOSAIC	TE CMPN	ISTE-Secretary	SFIT
56	Shivani Rau	MOSAIC	TE CMPN	Organizing	SFIT
57	Deveshwari	MOSAIC	TE CMPN	ISTE-Creative	SFIT
58	Tannmay	MOSAIC	TE CMPN	Technical	SFIT
59	Akshata	NSS event	TE CMPN	Flashmob	SFIT
60	Akshata	MOSAIC	TE CMPN	Publicity head	SFIT

61	Alan Parmar	MOSAIC	TE CMPN	Event Head	SFIT
62	Sara Shaikh	MOSAIC	TE CMPN	Prize	SFIT
63	Urvi Shivan	TEDx-SFIT	TE		SFIT
64	Larissa Pinto	Annual Day	BE CMPN A	BE Dance	SFIT
65	Gandharva Deshpande	Annual Day	BE CMPN A	Hindi Choir	SFIT
66	Amritha Prakash	Annual Day	BE CMPN A	Dance	SFIT

Sports Achievements

Sr. No.	Student's Name	Event Name	Name of the sport	Class/ Sem/ Div	Achievement	College
1	Gaurav Suvarna	Iris, Ignitra	Basketball	SE CMPN B	Participation	SFIT
2	Ian L Rodrigues	WAKO India Senior National Kickboxing Championship 2019	Kickboxing	BE CMPN A	Gold medal at Senior National Kickboxing Championship	SFIT

List of Students: Completed Internships

Sr. No.	Student Name	Class/Sem/Div	Industry Worked with	Duration	Status
1	Rahul Mirashi	SE CMPN A	Smart Consultant	3 Months	Completed
2	Selas Moro	SE CMPN A	Vistaar Digital Media	1 Month	Completed
3	Yogita likhi	SE CMPN A	Data Science (Lendingkart)	1 Month	Completed
4	Dipika Surve	TE CMPN B	Dezignolics web & software company	15 days	Completed
5	Jerin Ann Abraham	TE CMPN B	BhaktiVedanta Hospital	1 month	Completed

6	Onkar Pednekar	TE CMPN B	Junk Minds	1 month	Completed
7	Kirk Rodrigues	TE CMPN B	Live Pages	1month	Completed
8	Alan Parmar	TE CMPN B	Alliance Innovation Tech	1 month	Completed
9	Bhushan Borole	BE CMPN A Sem VII	Fox Domotics Private Limited	2 month	Completed
10	Kinshuk Shah	BE CMPN A	Cloud counselage pvt lyd	2 months	On going
11	Linton Pereira	BE CMPN A	Hindustan Petroleum Corporation Limited	1 month	Completed
12	Saket Dalvi	BE CMPN A	TechSkills IT Consultants	6 months part time	Completed

STUDENT PUBLICATIONS

Sr. No	Author's Name	Paper Title	Full-Publication details (IEEE format)
1.	Gandharva Deshpande	Audio Genre Classification using Neural Networks	*IRJET, Volume 06, Issue : 08, August 2019*
2.	Sushain Bhat	Audio Genre Classification using Neural Networks	*IRJET, Volume 06, Issue: 08, August 2019*
3.	Urjit Desai	Predicting Voting Outcomes Using Data Analytics and Machine Learning Algorithms	*IJCSE, Vol. 7 Issue 6, June 2019*
4.	Ameya Dalvi	Predicting Voting Outcomes Using Data Analytics and Machine Learning Algorithms	*IJCSE, Vol. 7 Issue 6, June 2019*

ELECTRONICS AND TELECOMMUNICATIONS

Faculty Achievements

Ms. Anjali Chaudhari	NPTEL-AICTE FDP – IIT Bombay certified Online Course	Completed NPTEL with Elite certification on Microwave Theory and Techniques, 12 weeks FDP course Jul – Oct 2019.
Ms. Shilpa Chaman	NPTEL-AICTE FDP – IIT Madras certified Online Course	Completed 12 weeks online course with ELITE Class on Digital Image Processing during Jul – Oct 2019
Ms. Jovita Serrao	NPTEL-Online certification – IIT Madras certified Online Course	Completed 12 weeks online course with ELITE Class on German-I during Jul – Oct 2019

Students Achievements

Mr. Parkar Siddarth Suhas	Participated and presented a research project Titled "Compact UWB MIMO antenna with band rejection characteristics in Engineering and Technology	14th inter-collegiate/Institute/Department Avishkar Research Convention: 2019-20 at Ramrao Adik institute of Technology, Nerul, navi Mumbai on December 21, 2019 for All Engineering colleges of all Districts Zone.

Invited talks
Workshop/Seminar/Conference Conducted

Sr. No.	Name of the Faculty	Title of Workshop/Seminar/Conference	Organizing Body
1.	Ms. Anjali Chaudhari	Organized hands-on workshop on LaTeX for BE EXTC students and EXTC faculty under the skill development cell. Resource person for the same was Mr. Santosh Chapaneri	SFIT, Mumbai.
2.		Matlab software workshop was conducted for interested faculties across the institute under the skill development cell	SFIT, Mumbai.
3.	Mr. Santosh Chapaneri	Conducted hands-on workshop on LaTeX for BE EXTC students and EXTC faculty under the skill development cell.	SFIT, Mumbai.

<p style="color:red; text-align:center">Faculty Publications</p>

Sr. No	Author's Name	Paper Title	Publication details
1.	Anjali Chaudhari	Mechanisms of Reconfigurable Antenna: A Review	10th International Conference, Confluence, Noida, Jan 2020.

Workshop/Seminar/Conference Attended

Sr. No.	Name of the Faculty	Title of Workshop/Seminar/Conference	Organizing Body
1.	Ms. Anjali Chaudhari	Two week Faculty Development Program on "School of Design Thinking"	Sponsored by AICTE From 25th November, 2019 to 6th December, 2019
2.	Ms. Snehal Lopes		
3.	Ms. Shilpa Chaman	Participated in SPARC Course on "Flexible Bioelectronics-Sensors, Electronics ,Energy Harvesting and Data Analytics	IIT Bombay, CE-QIP, from 17th December to 21st December 2019
4.	Mr. Inderkumar Kochar	Recent Trends and Development in Modern Antennas, RF and Microwave System	AICTE-ISTE approved STTP 01/07/2019 to 06/07/2019
5.	Ms. Snehal Lopes	Attended International Conference on Advances in Computing, Communication & Control and Presented paper on "IoT based Automatic Waste segregator"	2019 IEEE International Conference on Advances in Computing, Communication and Control (ICAC3'19) 6th Edition (20th and 21st December 2019) held in Fr. Conceicao Rodrigues College of Engineering

DEPARTMENT OF MECHANICAL ENGINEERING

MESA Team

HOD, Mr. Sunil Pansare; Mesa Staff Coordinator, Mr. Ravindra Garmode and Dept Staff Members
Alongwith Amey Sardesai –President, Kush Shah- Vice president, Shubham Kamble- Technical Head

Industrial visit

Industrial visit to Indian Oil Depot and Lubricants Manufacturing Plant. (29th Nov)

A visit to Industrial Engineering` corporation a leading fastener making company on October 5, 2019 for SE students and departmental staff members

Participation in ASME EFx -2019 at G. H. Raisoni College of Engineering, Nagpur- 14 Sept 2019

Solid Work Training Session for Mechanical Staff Members

Third from standing left Mr. Suresh Lad, Mr. Harish Arekar, Mr. Dinesh Salunkhe, Mr. Amir Khan, Mr. Vishal Acharekar, Mr. Nandkumar Nagothkar, Mr. Vipin Kallingan, Mr. Babasaheb Shinde, Miss Sheeba Verghese
from left seating- Mr. Franklin, Mr. Bysani, Solid Works Trainer Mr. Piyush Dhuri, Mr. Sunil Pansare (Incharge HOD), Mr. Ravindra Garmode

Participation in mosaic 2019

DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

<u>FACULTY ACHIEVEMENTS</u>

1. Ms. Deepa Panakkal served as a Judge at the National Level Fr. Conceicao Rodrigues Memorial Debate 2019 Competition held on 28 September 2019 at Fr. Conceicao College of Engineering, Bandra.

2. Ms. Deepa Panakkal gave an Expert talk on life skills, titled 'Make each Day your masterpiece' for FE Engineering students of St. John College of Engineering and Management (SJCEM), organized by First Year Department on 4 October 2019 at SJCEM, Palghar.

3. Mr. Praveen Kurein Seminar on ethics, titled 'Social Media and Ethics', for Second Year Engineering students of Information Technology Engineering at St. Francis Institute of Technology, Borivali.

4. Mr. Praveen Kurien sucessfully completed the NPTEL-IIT Roorkee certified 4 weeks' online course on body language – Key to Professional Success conducted during September 2019

5. Ms. Deepa Panakkal sucessfully completed the NPTEL-IIT Roorkee certified 4 weeks' online course on Interpersonal Skills conducted during during August- September 2019

6. Ms. Deepa Panakkal attended ToT programme of the FDP-SI resource persons at IIT, Hyderabad organized by AICTE from 15 to 17 November 2019.

7. Ms. Preethi Colaco and Ms. Arti Bhatnagar sent their project completion reports to University of Mumbai for their Minor Research Grant of Rs. 30,000 each.

Students Sports Achievements

Sr. No.	Student's Name	Event Name	Name of the sport	Class/Sem/Div	Achievement	College Name
1.	KEEGAN VAZ	Basket Ball Maharashtra State Championship (Under 18 years boys), Nagpur	Basket Ball	FE CMPN A		
2	REUBEN	Football tournament organized by	Football	FE CMPN A		

	CHATTERJEE	MIT PEACE UNIVERSITY				

First Year Induction Programme 2019

As per AICTE guidelines, First Year Students Induction Programme was conducted during the first half of August 2019. The induction programme was designed in a way to make newly joined students feel comfortable, motivate them towards exploring academic interests and extra-curricular activities. The two-week programme included various sessions on universal human values, literary aspects, subject introduction, creative arts, physical activities and preference-based activities. The activity-oriented learning helped first-year students to explore their potentials and further resulted in the marvellous performance on Independence Day celebration. SFIT campus tour and a visit to the nearby orphanage were arranged for our students to understand the feeling of responsibility towards oneself, one's family, society, & nature. The life Skills session conducted by Ms Deepa Panakal was highly fruitful as commented by a student that "it answered many of my questions and doubts on life and relationship." The value education activities conducted by class coordinators and Universal Human Values sessions by Mr M. Bysani, Mr Paul Fernandez, Ms Deepa Panakal and Mr Praveen Mathew introduced the basics of Holistic Development to our students. The interaction with faculty members and senior students made them more comfortable in the new campus environment. The positive feedback of our students towards induction program is a motivation for Basic Science and Humanities Department to organize more events in this academic year as an extension of Students Induction Programme. First-Year Students Induction Programme 2019 was a great success with the teamwork of entire FE staff under the able guidance of FE Coordinator, Dr Poonam Hemnani.

A few pics are furnished below to give you just a glimpse of the various sessions our students attended:

1. Playing Musical instruments

2. Creative Arts session

3. Performing Arts session

4. Session of Literary activities

5. Session on life skills by Ms Deepa Panakkal

6. Session by Training and Placement officer, Mr. Wilson Pinto

Session by Mr. Albert Dsouza

Motivating and guiding students to focus and direct their energies in a manner that they truly realise their potentials.

7. Session by Mr. Albert Dsouza

8. student participation during Sir's session

9. One of the indoor games

10. one more...indoor games

11. And one more...

12. one of the outdoor sports

13. Movies and videos for fruitful discussion and understanding

Orientation Programme for the Parents of First Year Engineering Students

"Coming together is a beginning,
Keeping together is progress,
Working together is success!"

Acknowledging the importance of parent-teacher collaboration for effective learning outcomes in students' life, the Department of Basic Science and Humanities organized the Parents Orientation Programme on 14th September 2019 in the auditorium at 9:45 am. The aim of the programme was to familiarize the parents with the curriculum; rules and regulations of the college; teaching methodologies and the co-curricular activities organised in the college.

The program commenced with the college prayer followed by the lamp lighting ceremony, so as to invoke the spirit of truth and knowledge. The dignitaries for the programme were: Director, Bro. Jose Thuruthiyil, Principal, Dr Sincy George; Financial Advisor, Bro. K. C. Joseph; FE Coordinator, Dr Poonam Hemnani; FE Co-Coordinator, Preethi Colaco; Training and Placement Head, Mr Wilson Pinto; all the Deans and Heads of the Departments.

At the outset, our esteemed Director, Bro. Jose Thuruthiyil introduced the dignitaries and extended a warm welcome to the parents with a motivating speech. He illuminated how through discipline as a methodology the college aims to make the students integrated and pave a way to success. He emphasized that accomplishments in any aspect of life can be achieved only through perseverance and dedication. Our Principal, Dr Sincy George addressed the gathering with the achievements and milestones that SFIT has achieved with constant pursuance of excellence. She stressed on the importance of attendance, punctuality, dress code and personal monitoring of child's activity by parents for effective results.

Subsequently, the parents were addressed by FE Coordinator, Dr Poonam Hemnani who welcomed all the parents and introduced them to the FE teaching and non-teaching staff. She gave an all-inclusive presentation to impart necessary information about the academic design of the First Year, and the academic rules and regulations of Mumbai University. She focused

on the exam pattern, assessment and evaluation criteria, extra-curricular activities, and facilities provided to the students. She highlighted the importance of abiding by the Institutional rules and norms. Moreover, she shared her contact details and also mentioned how the parents can get to know about information and announcements through the college website.

Feedback is the key to effective communication. Recognizing this, feedback on the whole program was collected by the college through online google forms. Most of the parents appreciated the programme and discipline in the institution. As per the inputs given by the parents 85% of them found that the information provided in the program was very good. 92% of them appreciated the attendance rules in the institution. While 89% of them found the information provided related to exams and the teaching learning process was satisfying. Likewise, 81% of the parents were of the view that there are better prospects of technical opportunities for students in the college. 85% of the parents found the library and other facilities in the college were good. On infrastructural facilities, audio visuals and refreshments served during the programme, 90% of them felt it was well arranged. However, a few suggestions were also laid down by the parents, those being:
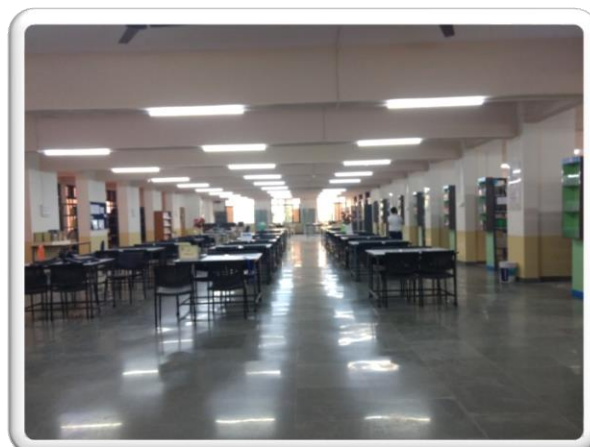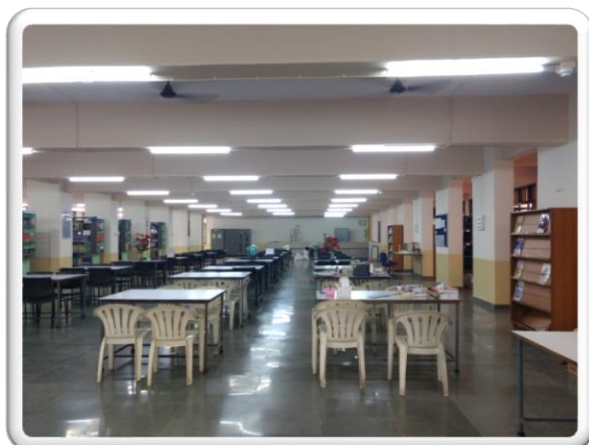
i) It would have been great had the meeting been arranged batch wise or stream wise.

ii) Some also were of the opinion that it would have been nice if the department conveyed the procedure to access parent login in detail.

iii) As per the feedback given by a parent, it would have been appreciated if important information and progress of the student is communicated via email or SMS.

The program concluded with a vote of thanks proposed by FE Co Co-ordinator, Ms Preethi Colaco.

LEARNING AND INFORMATION RESOURCE CENTRE

Library is now in the B Wing of our building. Area of the library is 729 Sq.Meters.
Know More…

Media	Number of holdings
Books-UG	27497
Books-PG	1187
Print Journals	49
UG-National	37
UG-International	2
PG-National	10
E Journals	1 package
Books in Book Banks	1463
Project Reports B.E. and M.E.	1801
Thesis	11
CDs	3144
VCDs	64
NPTEL Video Lectures	All Video lectures of Phase II
Print Newspapers	10

Library Orientation for ME Students

ME Computer Department Students with Prof.Rajkumar Shende and Asst.Librarian Sucheta Prabhudesai

ME Electronics and Telecommunication Students with Asst.Librarian Sucheta Prabhudesai

Library Orientation for FE Students

Best Users of the A.Y2018-2019

Andrea Lobo

Ankit Kumar Yadav & Philip Fernandes

Shivani Bisht

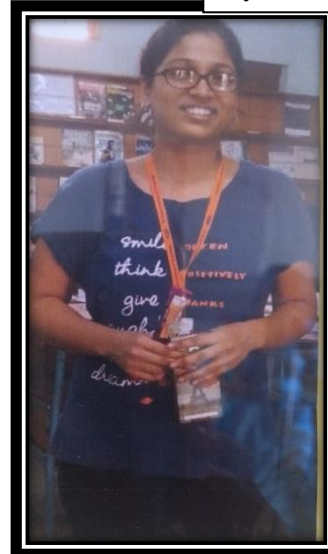Rachel Mascarenhas & Kaushal Prasad

Anoop Ojha

Ryan Crasta & Antony Alex

Pradeep Gupta

Ankita Chavan

Book Bank facility was extended to all students from FE to BE in July 2019. A total of 418 books were borrowed.

READING INSPIRATION WEEK
9TH OCTOBER TO 15TH OCTOBER 2019

15 October being the birth anniversary of Late Dr. A.P. J. Abdul Kalam is celebrated every year as Reading Inspiration Day (WaachanPreranaDiwas).

The Learning and Information Resource Centre (Central Library) of St. Francis Institute of Technology celebrated it from 9th October to 15th October 2019 by organizing following activities to inculcate the habit of reading.

Day	Activity
9th October 2019	Face-a-Book An Exhibition of In-House Books
11th October 2019	Sale of Weeded Out Books Come, grab the books at a nominal cost of Rs. 20/-
14th October 2019	Free Take Away of CDs
15th October 2019	Free Take Away of Donated Books

Enthusiastic readers of the Reading Inspiration Week 2019

9-15 October 2019	Book Mark Design Contest	Theme – Read to Lead
9-15 October 2019	Share your thoughts on	Why I love books…
9-15 October 2019	Essay Competition on	I just love reading books

NSS ACTIVITIES FROM JUNE 2019 TO DECEMBER 2019

School Drop out Survey at Shivaji Nagar

Blood Donation Camp

Thalassemia Screening and Organ Donation Awareness Drive at SFIT

Versova Beach Cleanup Drive

BITS-N-BYTES TEAM:

Ms. Chinmayee Bhange

Ms. Sucheta Prabhudesai

Sister Bhavya

Mr. Raheem Sayyad

Ms. Yogini Bazaz

Ms. Snehal Lopes

Ms. Priya Karunakaran

Ms. Neha Agnihotri

Ms. Sowmya Saudolla