

BITS-N-BYTES

A Bi-Annual Newsletter of
St. Francis Institute of Technology



Developing Entrepreneurs/ Industry Leaders with Integrity

AROUND THE INSTITUTE:

St. Francis Institute of Technology endearingly known as SFIT is a Mumbai's premier engineering college situated in the heart of the city surrounded by plush green campus. Started in 1999 with an aim of imparting quality higher education in various fields of engineering, it has seen unprecedented growth. It is affiliated with the University of Mumbai & administrated by Directorate of Technical Education, Government of Maharashtra.

COURSES OFFERED

Undergraduate Courses (B.E)	Intake	Post Graduate Courses (M.E)	Intake
• Computer Engineering	: 120	• Computer Engineering	18
• Electronics & Telecom Engg.	: 120	• Electronics & Telecom Engg.	18
• Information Technology	: 120	Ph.D. (Technology) –	
• Electrical Engineering	: 60	• Computer Engineering	
• Mechanical Engineering	: 60	• Electronics & Telecom Engineering	

Admission to Engineering is as per DTE norms.

For more information/updates about admissions please register@ <https://tinyurl.com/cu4krhsw>



OUR VISION

To be a chrysalis where bright youngsters are transformed into technological entrepreneurs and innovative leaders of tomorrow's world, consistent with the Franciscan vision of integrity, peace and love.



OUR MISSION

For UG programme:- "To churn highly competent engineering commitment to result of perennial zest for learning excellence, an open universal values of honor mutual care."



OUR MISSION

For PG programme:- "To continually improve and progress in the path of developing post graduate scholars who will

The Emblem or the Logo of the college reflects the basic functions, aims, objects, ideals and aspirations of the Institute.

The two hands and the wheel symbolize the transmission of knowledge of the teacher to the student and the relentless quest towards this transmission.

The title "Engineering College" indicates the level at which this transmission takes place, as distinguished from other Technical Institutes.

It also represents "entrepreneurship", which is the distinctive "vision" of the college; to develop potential job and wealth creators as different from job seekers.

Around these is printed the name of the College and the City in which it is situated. Finally the whole wheel is arched by two olive branches that represent 'victory' as well as, 'peace and tranquility'; the essence of the values of the Institute's Patron Saint, St. Francis of Assisi, that the College professes and wishes to impart to its stakeholders.



DEPARTMENT OF COMPUTER ENGINEERING

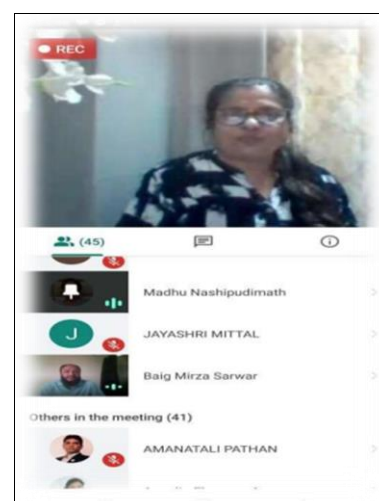
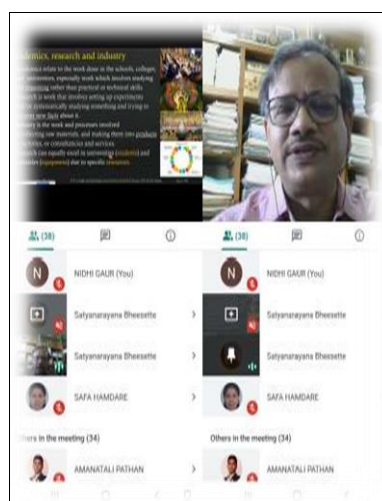
MAJOR EVENTS:

Insights and Methodologies towards Research and Research Outcomes (ISTE Approved One Week STTP) was organized from June 21 to 26, 2021.

<p>For Whom</p> <ul style="list-style-type: none"> ❖ Faculty members and Academicians ❖ Researchers and Ph.D. Scholars ❖ Practitioners from Industry ❖ U.G and P.G students <p>Registration Procedure</p> <p>Registration Fees:</p> <ul style="list-style-type: none"> ❖ All Participants have to pay 250 /- <p>Link for Registration: https://sfiterp.sfit.co.in:98/SfitEventRegForm.asp?event=9</p> <p><i>Number of seats is limited to 30 participants.</i></p> <p>Important Dates</p> <p>Registration opens: 1st June 2021 Last day of registration: 20th June 2021</p> <p>Mode of Conduction: Google Meet platform</p> <p>Resource Person: Eminent faculty from Reputed Institutes and Industry.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>"NO RESEARCH WITHOUT ACTION, NO ACTION WITHOUT RESEARCH"</p> <p>KURT LEWIN</p> </div>	<p>Patron/Chairman</p> <p>Bro. Jose Thuruthiyil – Director, SFIT Dr. Sincy George – Principal, SFIT</p> <p>Convener</p> <p>Dr. Kavita Sonawane Professor and Head- Department of Computer Engineering, SFIT</p> <p>Coordinators</p> <p>Ms. Jayashri Mittal Ms. Safa Hamdare</p> <p>Organizing Team</p> <p>Dr. Nazneen Ansari Mr. R.K. Shende Ms. G. Anuradha Ms. Vinay Joseph Mr. S.S. Khan Ms. Dakshata Panchal Ms. Pradnya Rane Ms. Nidhi Gaur</p> <p>Address for Correspondence</p> <p>Coordinators Name: Ms. Jayashri Mittal Designation: Assistant Professor Department: Computer Engineering Email: jayashrimittal@sfit.ac.in Contact No: 9987235000</p> <p>Coordinators Name: Ms. Safa Hamdare Designation: Assistant Professor Department: Computer Engineering Email: SafaHamdare@sfit.ac.in Contact No: 9819737130</p>	  <p>St. Francis Institute of Technology, Department of Computer Engineering</p> <p>Announces</p> <p>ISTE Approved</p> <p>One-week Short-term Training Program (STTP) on</p> <p><i>"Insights & Methodologies towards Research & Research Outcomes"</i></p> <p>21st June to 26th June, 2021</p> <p>Mount Painsur, S.V.P. Road, Borivali (West), Mumbai 400103</p> <p>Ph. No. 022-28928585/28908585 Website: http://www.sfit.ac.in Email: imro@sfit.ac.in</p>
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Day	Session 1	Session 2	Session 3	Session 4
Day 1	Introduction to Research Process, Types of Research, research design	Introduction to Research Methods	Writing Research Proposal (SOP)	Data Collection tool
Day 2	Hands on session: Parametric Testing	Research Proposals vs Research Paper	Hands on session: Non-Parametric Testing	
Day 3	Quantitative Research: Correlational and Quasi-Experimental Research		Hands on Session: Statistics using R	

Day 4	Qualitative Research: Methodology and Testing methods	Hands on session: Data collection and testing tools in Qualitative Research	
Day 5	Publication of empirical papers in Indexed Journals	Research Ethics & Plagiarism Tools	Hands On Session: Writing Research proposal and Papers using LaTeX
Day 6	Effective grant Proposal writing	Quiz	Expectations of Evaluators of Funded research project and what to target



“Prakalp 2021”: 3rd Inter College Project Competition


St. Francis Institute of Technology
 Mount Poinzur, S.V.P. Road, Borivali-(West), Mumbai - 400103

Department of Computer Engineering Organizes
3rd Inter College Project Competition
PRAKALP 2021
Revolutionalize the World with your Innovation

OBJECTIVE: To provide a platform to step up and encourage the ignited minds to lead their path towards understanding and resolving real time problems & societal needs

Date of Competition
22nd April 2021

Email
prakalpcmpn@sfit.ac.in

Last Date of Registration:
15th April 2021

<https://www.sfit.ac.in/Prakalp2021.php>



Student Registration:
Internal: Rs. 100/- per group
External: Rs. 200/- per group

DOMAINS


intelligent systems


 Communication Networks & Distributed Systems


 Embedded System & Ubiquitous Computing


KDD
 Knowledge Discovery & Data Mining


ADVANCE TECHNOLOGIES
 and Software Engineering


 Network & Information Security

PRIZES:

1st Prize: Rs. 3000

2nd Prize: Rs. 2000

3rd Prize: Rs. 1000

For further details contact: Ms. Dakshata Panchal, 9833509569
 Ms. Pradnya Rane, 9167577754

INSTRUCTIONS:
 ✓ Only Final Year projects will be accepted.
 ✓ Purely Hardware based projects will not be accepted.
 ✓ Project to be showcased:(Poster and Demo)
 ✓ Timings: 10 am onwards
 ✓ Group Size: 2 - 4 members

CONVENER	CO-CONVENER	ADVISORY COMMITTEE
Dr. Kavita Sonawane Professor Head of Department Department of Computer Engineering	Ms. Dakshata Panchal, Ms. Pradnya Rane Ms. G. Anuradha, Ms. K. Priya Project Co-ordinators Department of Computer Engineering	Bro. Jose Thuruthiyil Director Dr. Sincy George Principal

The event was held online on Google Platform on 22nd April 2021

The session was addressed by Chief Guest Mr. Ashish Patil where he motivated students by giving real life examples on how to handle societal issues.

36 teams(18 internal+18 external) participated in PRAKALP 2021 out of which, 18 teams from various renowned institutes all over the Mumbai were shortlisted. The mentioned participating teams were from Xavier Institute of Engineering, Mukesh Patel school of Technology management and Engineering, Vidyalankar Institute of Technology, Vivekanand Education Society, and St. John College Of Engineering, VIVA institute of technology and SIES graduate school of technology.


ST. FRANCIS INSTITUTE OF TECHNOLOGY
 (ENGINEERING COLLEGE)



Group ID: **ER312**
 Project Title: **Intelligent Helmet**
 College Name: **Vidyalankar Institute of Technology**




ST. FRANCIS INSTITUTE OF TECHNOLOGY
 (ENGINEERING COLLEGE)



Group ID: **ER308**
 Project Title: **Detection of Depression and Suicidal Ideation on Social Media**
 College Name: **Mukesh Patel School Of Technology Management & Engineering**






Sanat Madkar Tanay Maheshwari Mann Merani Rahil Merchant



ST. FRANCIS INSTITUTE OF TECHNOLOGY
(ENGINEERING COLLEGE)



ST. FRANCIS INSTITUTE OF TECHNOLOGY
(ENGINEERING COLLEGE)



Group ID: **E8R321**
Project Title: **Recommendations for yield enhancements in semi hydroponic operations**
College Name: **St. Francis Institute of Technology**



Group ID: **E8R324**
Project Title: **IMG2ART:Image Translation**
College Name: **St. Francis Institute of Technology**


Manmohan Dogra


Jayashree Domala


Kevin Dsouza


Dwayne Fernandes


Name: Ajayk Navgir
PID: 172022


Name: Abhis Piro
PID: 172011


Name: Shivani Raut
PID: 172110


Name: Abhinav Pisharody
PID: 172002



ST. FRANCIS INSTITUTE OF TECHNOLOGY
(ENGINEERING COLLEGE)



ST. FRANCIS INSTITUTE OF TECHNOLOGY
(ENGINEERING COLLEGE)



Group ID: **E8R324**
Project Title: **IMG2ART:Image Translation**
College Name: **St. Francis Institute of Technology**



Group ID: **E8R322**
Project Title: **CloudCrate - A Cross Cloud Document Sharing Platform**
College Name: **St. Francis Institute of Technology**


Name: Ajayk Navgir
PID: 172022


Name: Abhis Piro
PID: 172011


Name: Shivani Raut
PID: 172110


Name: Abhinav Pisharody
PID: 172002


Sahil Ninhe


Manish Acharya


Kritika Shrivastava


Sanket Dalvi

CODEX ACTIVITIES:

“Stairway to Web Development- Django”



CODE CATALYST

django

- LEARN DJANGO WEB DEVELOPMENT
- QUICK INSTALL GUIDE
- BUILD A TODO APP FROM SCRATCH

DATE & TIME
01/05/2021
11:00 a.m - 1:00 p.m
3:00 p.m - 5:00 p.m

SPEAKERS

- DWAYNE FERNANDES**
- MARSH RAI**
- HITANSHU PANCHAL**

Resource Persons:

Hitanshu Panchal and
Dwayne Fernandes

Django is an open-source framework for backend web applications based on Python — one of the top web development languages. Its main goals are simplicity, flexibility, reliability, and scalability.

The speaker introduced students to Postman which is an interactive and automatic tool for verifying the APIs of your project. It is a Google Chrome app for interacting with HTTP APIs. It presents you with a friendly GUI for constructing requests and reading responses. It works on the backend, and makes sure that each API is working as intended. The speaker carried the students through the whole process and working of Postman as web-page validations are one of the shortcomings of a well-defined project.

There were total 140 Second Year Computer Department students and the team CODEX managed it all. Doubt solving and stepwise carrying out of all activities to be performed, all in all was dealt with without any delay of any part of the workshop. The host and his team encouraged the students to ask any doubts, so that no one gets left behind.



All in all, the workshop conducted surely would help students explore their capabilities when it comes to doing something other than just textbook conventions. The host cleared each and every doubt raised by the students. Django being an absolutely new and high-level Python Web framework that encourages rapid development and clean, pragmatic design, the speaker explained each and every prospect, bit by bit. Students learnt that Django takes care of much of the hassle of Web development, so you can focus on writing your app without needing to reinvent the wheel.

The workshop is very beneficial for students because project development is one of the major areas where every student gets a chance to showcase their vulnerabilities and hence even overcome the shortcomings. Each and every requirement regarding code understanding, implementation, hands on training and very well maintenance of the flow resulted in meeting the important and basic requirements of the workshop.

To conclude, the speaker asked the students to approach with any doubts and questions they had in mind. GitHub link for the project was made available and also any kind of doubts regarding the whole session was comprehended very aptly by the speaker.

Codexpress 4.0

CODEXPRESS 4.0 - THE CLASH OF CODERS is the annual flagship competition held by CODEX-SFIT and CODECHEF SFIT Chapter this year. The event's sponsors for this year were Coding Ninjas (Title Sponsor) and Geeks for Geeks.



This competition was organized for participants from all over the country. It was conducted on 6th March 2021 from 10:00 am to 01: 30 pm. The competition was conducted on Coding Ninjas Platform. There was a total of 261 participants for this competition from all over the country.

First place: Mr. Abhinav Sharma from IIT Kanpur scoring 672/900

Second place: Mr. Ujjwal Prahladka from DJ Sanghvi college scoring 496/900

Codexpress 4.0

An excellent opportunity for all the participants to benchmark their performance at a national level and to develop their analytical and critical problem-solving skills

Third place : Mr. Parag Patil from SGGSI&T Nanded scoring 480/900

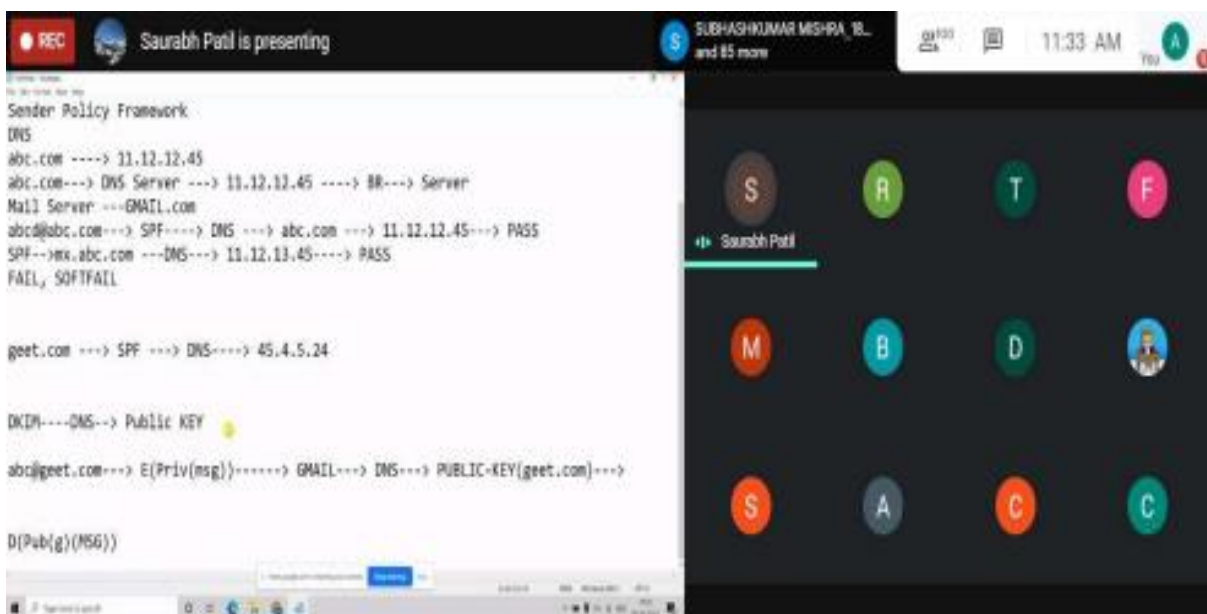
The **topmost FE of SFIT** in the competition was Mr. Kunal Shekte

Stairway to Web development

Stairway to Web Development sessions in the series of Code Catalyst, a first of its kind initiative for the year 2020-2021 was organized by the Code-X team for the students of our college and others in general. It aimed at helping beginners gain the basic knowledge required for Web Development. The workshop was conducted on 24th April 2021 for a duration of 2 hours. There was a total of 50 participants for this workshop.



Mobile and E-mail Security



The Computer Department of St. Francis Institute of Technology organized a seminar on “Mobile and Email Security” on Friday 3rd April between 10:30 am to 12:30 p.m., online on Google meet. There were approximately 100 student participants and 7 faculty participants who attended the seminar.

The speaker started off making students understand basic principles related to network security.

Then he demonstrated how a phishing email can be sent. He made students understand the flaws in SMTP protocol. He then asked students to open Kali Linux on their system to perform mobile hacking. He also explained students how to create a fake website and how to retrieve login credentials from the user. He then asked students to perform various steps involved in mobile hacking

The overall session was very interactive and students learnt about glitch in Email and Smart Phone. They also learnt how any vulnerability can be easily exploited by an attacker.

TEACHING FACULTY PARTICIPATEDS

Workshop/Seminar/STTP/TEQIP Attended by faculty

Sr. No .	Name of the Person	Name of the Workshop/Seminar/STTP	Date	No. of days	Professional Body associated (if any)	Venue Details
1	Ms. Jayashri Mittal	STTP On “Insights and Methodologies towards Research and Research Outcomes”	21st June to 26th June, 2021	6 Days	AICTE ISTE	SFIT
2	Ms. Snehal Kulkarni	Project Management	8-13 March 2021	IIT Kanpur	Joint INITIATIVE OF IIT Kanpur AND Meity	Online
3	Ms. Snehal Kulkarni	STTP On “Insights and Methodologies towards Research and Research Outcomes”	21st June to 26th June, 2021	6 Days	AICTE ISTE	SFIT

4	Ms. Safa Hamdare	“Essentials of Linux System Administration”	16-04-2021 to 17-04-2021	Two days National level FDP	SYBGEN Knowledge partner	Fr. Conceicao Rodrigues College of Engineering
5	Ms. Safa Hamdare	STTP On “Insights and Methodologies towards Research and Research Outcomes”	21st June to 26th June, 2021	6 Days	AICTE ISTE	SFIT
6	Mr. Shamsuddin Khan	STTP On “Insights and Methodologies towards Research and Research Outcomes”	21st June to 26th June, 2021	6 Days	AICTE ISTE	SFIT
7	Ms. Varsha Shrivastava	STTP On “Insights and Methodologies towards Research and Research Outcomes”	21st June to 26th June, 2021	6 Days	AICTE ISTE	SFIT
8	Ms. Pradnya Rane	STTP On “Insights and Methodologies towards Research and Research Outcomes”	21st June to 26th June, 2021	6 Days	AICTE ISTE	SFIT
9	Dr. Kavita Sonawane	STTP On “Insights and Methodologies towards Research and Research Outcomes”	21st June to 26th June, 2021	6 Days	AICTE ISTE	SFIT
10	Ms. Varsha Nagpurkar	STTP On “Insights and Methodologies towards Research and Research Outcomes”	21st June to 26th June, 2021	6 Days	AICTE ISTE	SFIT
11	Ms. Nidhi Gaur	Cyber Security and Ethical Hacking	4th Jan to 9th Jan 2021	One week Online STTP	AICTE ISTE	Xavier Institute of Technology
12	Ms. Nidhi Gaur	STTP On “Insights and Methodologies towards Research and Research Outcomes”	21st June to 26th June, 2021	6 Days	AICTE ISTE	SFIT
13	Ms. Dakshata Panchal	Cyber Security and Ethical Hacking	4th Jan to 9th Jan 2021	One week Online STTP	AICTE ISTE	Xavier Institute of Technology
14	Ms. Dakshata Panchal	Blockchain and its applications	26th April to 1st May 2021	One week Online STTP	AICTE ISTE	Vivekanand Education's Society Institute of Technology

15	Dakshata Panchal	STTP On “Insights and Methodologies towards Research and Research Outcomes”	21.06.2021 - 26.06.2021	6 days	ISTE	Online
16	Dakshata Panchal	FDP on "Augmented reality and virtual reality"	07.06.2021 - 11.06.2021	5 days	ATAL	Online
17	Dakshata Panchal	FDP on "Machine learning and computer vision"	21.06.2021 - 25.06.2021	5 days	ATAL	Online
18	Ms.Anuradha Srinivasaragha van	Universal Human values	Feb 15th to Feb 20th 2021	One week Online STTP	AICTE ISTE	AICTE
19	K. Priya Karunakaran	Pedagogy Workshop on How to teach Programming Basics	16th Dec - 06th Jan, 2021	3 weeks	TEQIP-III KITE, PPCCLT (IIT Bombay) and Teaching Learning Centre (ICT) under PMMMMNM TT, MoE, Govt. of India	Online
20	K. Priya Karunakaran	FDP on "App Development with Android"	7th June 2021 to 12th June 2021	1 week	MeitY & IIT Kanpur	Online
21	K. Priya Karunakaran	Online FDP - Data Science (ML + AI)	19th Apr - 30th Apr, 2021	2 weeks	E&ICT Academy, IIT Kanpur	Online
22	Dr. Kavita Sonawane	Online FDP - Data Science (ML + AI)	19th Apr - 30th Apr, 2021	2 weeks	E&ICT Academy, IIT Kanpur	Online
23	Mr. R. K. Shende	STTP On “Insights and Methodologies towards Research and Research Outcomes”	21st June to 26th June, 2021	6 Days	AICTE ISTE	SFIT
24	Ankita Karia	STTP/FDP on "Internet Programming: A full stack approach"	14.06.2021 to 25.06.2021	2 weeks	ISTE	Online
25	Shamsuddin Khan	STTP On “Insights and Methodologies towards Research and Research Outcomes”	21.06.2021 - 26.06.2021	6 days	ISTE	SFIT

26	Nidhi Gaur	STTP On “Insights and Methodologies towards Research and Research Outcomes”	21.06.2021 - 26.06.2021	6 days	ISTE	SFIT
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Workshop/Seminar/STTP/TEQIP Conducted by faculty

Sr. No.	Name of the faculty	STTP/ Workshop/ Seminar Conducted	Topic	Conducted for	Date
1	Ms. Snehal Kulkarni	Resource person for session on , "Functional Modelling : DFD"	Functional modelling:DFD	INUBAX Pvt. Ltd	30th April 2021
2	Ms. Dakshata Panchal	Skill development workshop on Latex	Introduction to Latex	Students of BE CMPN	17th & 18th April 2021
3	Ms. Ankita Karia	Seminar on "Mobile and E-mail Security"	Mobile and E-mail Security	Students of TE CMPN	3rd April
4	Ms. Priya Karunakaran	Seminar	Awareness Session on National Digital Library of India and its Resources	Faculty and Students (NDLI Club)	14-4-2021
5	Dr. Kavita Sonawane	Internship and TechTeam formation Session	Internship opportunities and Team formation guidelines	SE/TE students	17-04-21 and 23-04-21
6	Ms. Dakshata Panchal	Hands on session	Writing research proposals and papers using Latex	STTP organized by Department of Computer Engineering, SFIT	25th June. 2021
7	Dr. Kavita Sonawane	STTP- Session Conducted for 2.5 hrs	Empirical Research and Research paper writing in indexed/high impact Journals	STTP organized by Department of Computer Engineering, SFIT	25th June. 2021

Certified Online Courses Completed

Sr. No .	Name of Faculty	Course title	Organizing Body (NPTEL/ Coursera etc)	Duration	From Date	To Date	Remarks
1	Mr. Shamsuddin Khan	Peer-to-Peer Protocols and Local Area Networks	Coursera	6 week	March 2021	April 2021	grade achieved 100%

2	Mr. Varsha Nagpurkar	Python for Data Science	NPTEL	4 week	Jan 2021	Feb 2021	Grade achieved:89%
3	Ms. Dakshata Panchal	Introduction to Latex	EDX, IIT Bombay	6 week	Feb 2021	March 2021	Audit course
4	Ms. Ankita Karia	Advanced Cybersecurity Training for Teachers	Commonwealth of Learning (COL)	4 week	Feb 2021	March 2021	Completion Certificate
5	Ms. Anuradha Srinivasaraghavan	Google Certified data analyst	Coursera	Set of 8 courses	May 2021	Aug 2021	Completed

DEPARTMENTAL RESEARCH ACTIVITIES

Sr. No	Name of the Faculty	Name of Project	Status of Completion in %
1	Safa Hamadare Rupesh Mishra	CO Based Evaluation System	100

PRODUCT DEVELOPMENT/ OUTHOUSE PROJECTS

Sr. No.	Product / Project Title	Name of Faculty	Name of Students
1	Android/IOS Mobile Application with KanzIT	Ms. Safa Hamdare	Sahil Nirkhe (BECMPNA), Daniel Lobo (BECMPNA)
2	Website development Application with KanzIT	Ms. Safa Hamdare	Shantanu Phadke (BECMPNB)
3	CloudCrate - A Cross Cloud Document Sharing Platform	Ms. Pradnya Rane	RITIKA BHOLE,SANKET DALVI,MANAS ACHARYA,Sahil Nirkhe
4	ERP System for Patuck Technical High School & Jr. College	Ms. Varsha Nagpurkar	Ben Thomas, Rexson Thatu,Emmanuel Thomas,Abhyuday Suresh
5	Company to candidate mapper	Ms. Dakshata Panchal	Harh Oza, Darrel , Janhavi Parab,
6	Welfare System and Dispensary Management using ERP	Ms. Bidisha Roy/Ms. Priya C.	Swapnil Chaware, Savio Vagnesa, Ashir Nadar, Stavan Nemade
7	Recommendations for yield enhancements in semi hydroponic operations	Ms. Anuradha Srinivasaraghavan	Ms. Jayashree Domale, Mr. Dwayne Fernandez, Mr. ManMohan Dogra, Mr. Kevin D'souza

FACULTY PUBLICATIONS

Sr. No	Name of Faculty	Title of publication	Publication details	Date of publication	Journal/ Conference
1	Ms. Anuradha Srinivasaraghavan	Lyrics Inducer using Bidirectional Long Short-	International Conference on Communication and Computational Technologies	Feb 27-28 2021	Springer Book Series, Algorithms for Intelligent systems

		Term Memory networks			
2	Ms. Anuradha Srinivasaraghavan	Automated Disaster News collection, classification and geoparcing	International Conference on Smart Data Intelligence	April 29-30th 2021	UG Conference
3	Ms. Anuradha Srinivasaraghavan	Improving the yield and revenue of Indian crop production using Data Engineering	2nd International Conference on Data Analytics and Management,tics and Management,	June 2021	UG Conference

STUDENT ACHIEVEMENTS

“CONGRATULATIONS TO ALL THE TOPPERS!!”

(Result of May 2021)

SEM II

Rank	Name of Student	SGPA
1	MAHIMKAR SWARALI SANJAY	10
	DSOUZA RENOY CHARLES	10

	MENDONCA VENDRELL VERNON	10
2	BHERE MEHUL MOHAN	9.97
3	PATEL SAHIL SHAILESH	9.96

SEM IV

Rank	Name of the Students	SGPA
1	50 students have been awarded with 10 pointer	10
2	SHERINE SEBASTIAN	9.98
3	AARON AUGUSTINE ALBUQUERQUE	9.96
	CYRUS MELROY SIPRAS FERNANDES	
	RALPH JOSEPH DSOUZA	
	YUGANDHAR ADHIK KHAIK	
	RYAN LANCY VARGHESE VARGHESE	
	SURAJ MOHAN GUPTA	
	JAMES ELIYAN FERNANDES	
ADMON THOMAS ALOZ		

SEM VI

Rank	Name of the Students	SGPA
1	27 students have been awarded with 10 pointer	10
2	CAIRN NELSON CORREIA	9.96
3	SHRAVANI PRALHAD DHURI	9.95
	TIRTHA SANJEEV RAUT	

SEM VIII

Rank	Name of the Students	SGPA
1	68 students have been awarded with 10 pointer	10
2	BRIAN NELSON SOARES	9.96
	AKSHAT MAHESH BHAGAT	
	DIPIKA SUNIL SURVE	
	JAYNISH MANOJ MORAKHIA	

	MINAL JAYAWANT MATRE	
	SWAPNIL YASHWANT CHAWARE	
	URVI SHIVAN	
	SACHIN ANANDA ADATE	
	RYAN RONY PEREIRA	
	PETER RICHIE JACOB MUNDUCHIRACKAL	
	KARTIK RAVI MUNJAL	
	JERIN VARGHESE	
3	ALISTO MARSHALL PINTO	9.92
	VINSON VALERINE NORONHA	
	JAI SACHIN MULYE	
	SURAJ RAMBACHAN MAURYA	
	SYBIL LAWRENCE FERNANDES FERNANDES	
	JHANVI ROHIT ROHIT	
	JESSICA ARNALDO KINNY	

STUDENT ACTIVITIES

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

Sr . No	Event Date	Title of workshop /Event name	Name of the student	Class	Venu e	No of students who attende d the	No of membe rs in your group	Profession al Body associated
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						worksh op		
1	6th March 2021	CodeXpress 4.0	Basil Koli	SE CMPN A	Online	200+	1	CodeX-SFIT
2	6th March 2021	CodeXpress 4.0	Leah Neville Dsouza	SE CMPN A	Online	200+	1	CodeX-SFIT
3	17-18th April 2021	Code Catalyst: Stairway to Web Development	Leah Neville Dsouza	SE CMPN A	Online	100+	1	CodeX-SFIT
4	6th March 2021	CodeXpress 4.0	Rebecca Aurelia Dsouza	SE CMPN A	Online	200+	1	CodeX-SFIT
5	17-18th April 2021	Code Catalyst: Stairway to Web Development	Rebecca Aurelia Dsouza	SE CMPN A	Online	100+	1	CodeX-SFIT
6	6th March 2021	CodeXpress 4.0	Yash Vinod Mirajkar	SE CMPN A	Online	200+	1	CodeX-SFIT
7	17-18th April 2021	Code Catalyst: Stairway to Web Development	Yash Vinod Mirajkar	SE CMPN A	Online	100+	1	CodeX-SFIT
8	17-18th April 2021	Code Catalyst: Stairway to Web Development	Basil Koli	SE CMPN A	Online	100+	1	CodeX-SFIT
9	10th-11th April 2021	MindClash 2.0	Orvil D'silva	SE CMPN A	Online	60+	30	IEEE
10	6th March 2021	CodeXpress 4.0	Suved Ganduri	SE CMPN A	Online	200+	1	CodeX-SFIT
11	17-18th April 2021	Code Catalyst: Stairway to Web Development	Suved Ganduri	SE CMPN A	Online	100+	1	CodeX-SFIT
12	22nd - 27th March 2021	Pragati	Vaibhavi Welis	SE CMPN B	Virtual	50+	1	E-CELL

13	13 Feb 2021	BrewltUp 2	Manjot Kaur Sokhi	SECMP NB	virtua l	100 approx	1	CODEX
14	6 March 2021	CodeExpres s 4.0	Manjot Kaur Sokhi	SECMP NB	virtua l	250-350	1	CODEX
15	17 April, 18 April, 24 April, 25 April 1st April	Code catalyst	Manjot Kaur Sokhi	SECMP NB	virtua l	100-200 +	10	CODEX
16	13 Feb 2021	BrewltUp 2	Lester Rodrigues	SECMP NB	virtua l	100 approx	10	CODEX
17	6 March 2021	CodeExpres s 4.0	Lester Rodrigues	SECMP NB	virtua l	250-350	10	CODEX
18	17 April, 18 April, 24 April, 25 April 1st April	Code catalyst	Lester Rodrigues	SECMP NB	virtua l	100-200 +	10	CODEX
19	6/3/2021	CodeXpress	Prasad Kamath	TE CMPN A	Onlin e	261	10	CodeX-SFIT
20	6/3/2021	CodeXpress	Chelsea Dsouza	TE CMPN A	Onlin e	261	10	CodeX-SFIT
21	6/3/2021	CodeXpress	Ansel Dsouza	TE CMPN A	Onlin e	261	10	CodeX-SFIT
22	6/3/2021	CodeXpress	Rebecca Dias	TE CMPN A	Onlin e	261	10	CodeX-SFIT
23	5/4/2021-9/4/2021	Just meme it	Chelsea Dsouza	TE CMPN A	Onlin e	145	10	Student Council
24	12/4/202 1	iste technical ppt	Emmanu el parackal	TECMPN A	onlin e	60	15	ISTE_SFIT
25	12/4/202 1-16/4/202 1	Kurukshetra	Chelsea Dsouza	TE CMPN A	Onlin e	68	10	Student Council
26	9/4/2021-16/4/202 1	Kreative Korner	Chelsea Dsouza	TE CMPN A	Onlin e	82	10	Student Council
27	24/4/202 1	Enginerd	Chelsea Dsouza	TE CMPN A	Onlin e	18	10	Student Council
28	22/03/20 21 - 27/03/20 21	Pragati 2021	Michael Jetson	TE CMPNA	Onlin e	18	10	E-Cell, SFIT
29	27/03/20 21	Data driven decision making workshop	Nimisha George	TE CMPN A	Onlin e	70	10	IEEE SFIT
30	10/04/20 21 - 11/04/20 21	Mindclash 2.0	Nimisha George	TE CMPN A	Onlin e	60	10	IEEE SFIT
31	24/04/20 21	Overview on Recommen	Sharon Dsouza	TE CMPN A	Onlin e	50	10	IEEE SFIT

		der Systems-webinar						
32	6th March, 2021	CodeXpress 4.0	Siddhant Mishra	TE CMPN B	Online	200	10	CodeX
33	10th - 11th April, 2021	LaTeX HandsOn Workshop	Siddhant Mishra	TE CMPN B	Online	100	1	Skill Development Cell
34	13th - 14th February 2021	Head Start to Data Science Workshop	Shardul Shroff	TE CMPN B	Online	100	1	CSI-SFIT
35	1st May, 2021	Code Catalyst - Stairway to Web Development - Django	Hitanshu Panchal	TE CMPN B	Online	200	1	CodeX
36	12th April, 2021	National Level Technical Paper Presentation	Vishakha Mistry	TE CMPN B	Online	50	10	ISTE
37	12th April, 2021	National Level Technical Paper Presentation	Shravani Dhuri	TE CMPN B	Online	50	1	ISTE
38	3rd April 2021	Business Intelligence and Analytics Webinar	Vishakha Mistry	TE CMPN B	Online	100	1	ISTE
39	3rd April 2021	Business Intelligence and Analytics Webinar	Shravani Dhuri	TE CMPN B	Online	100	1	ISTE
40	26th Jan 2021	completed course of HTML5 through coursera	Riya Pandey	TE CMPN B	Online	100+	1	Coursera

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

Sr . No	Event Date	Title of workshop /Event name	Name of the student	Class	Venue	No of students who attended the	Achievement/ Participated	Professional Body associated
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						workshop		
1	25th April 2021	Build a face recognition application in python as a part of AI-for-India event	Basil Koli	SE CMPN A	Online	1000+	Participated	GUVI
2	24th to 25th April 2021	The Guinness World record event- Most users to take an online computer programming lesson in 24 hours	Basil Koli	SE CMPN A	Online	1000+	Participated	GUVI
3	27th March 2021	Data driven decision making	Admon Aloz	SE CMPN A	Online	70-80	Participated	Techess-SFIT
4	17th April 2021	The Career Toolkit	Admon Aloz	SE CMPN A	Online	100+	Participated	CSI-SFIT
5	11th Feb 2021	Taking learning & research forward using IEEE Xplore Digital Library	Medhashakti Khatri	SE CMPN A	Online	100+	Participated	SFIT
6	13 - 14 Feb 2021	Head Start to Data Science Workshop	Medhashakti Khatri	SE CMPN A	Online	100+	Participated	CSI-SFIT
7	20th Mar 2021	Behind the Layers Photoshop Workshop	Medhashakti Khatri	SE CMPN A	Online	100+	Participated	CSI-SFIT
8	25th April 2021	Build a face recognition application in python as a part of AI-for-India event	Medhashakti Khatri	SE CMPN A	Online	1000+	Participation	GUVI
9	24th to 25th April 2021	The Guinness World record event- Most users to take an online computer programming lesson in 24 hours	Medhashakti Khatri	SE CMPN A	Online	1000+	Participated	GUVI
10	17th & 18th November 2020	Java & MySQL Crash Course	Ekta Masrani	SE CMPN A	Online	70-80	Participated	ISTA

11	13th & 14th February 2021	Head Start to Data Science	Ekta Masrani	SE CMPN A	Online	100+	Participated	CSI-SFIT
12	6th March 2021	CodeXpress 4.0	Rebecca Aurelia Dsouza	SE CMPN A	Online	200+	Participated	CodeX SFIT
13	6th March 2021	CodeXpress 4.0	Leah Neville Dsouza	SE CMPN A	Online	200+	Participated	CodeX SFIT
14	13-28 Feb 2021	Python Programming	Vishwa Mhatre	SE CMPN A	Online	100+	Participated	IETE-SFIT
15	22nd Feb 2021	Mission Compassion	Vishwa Mhatre	SE CMPN A	Online	100+	Participated	NSS
16	1st Dec 2020	AIDS Awareness Program	Vishwa Mhatre	SE CMPN A	Online	100+	Participated	NSS
17	26th Nov 2020	71st Constitutional Day quiz	Vishwa Mhatre	SE CMPN A	Online	100+	Participated	NSS
18	11th Feb 2021	Taking learning & research forward using IEEE Xplore Digital Library	Vishwa Mhatre	SE CMPN A	Online	100+	Participated	SFIT
19	20th Mar 2021	Behind the Layers Photoshop Workshop	Vaishnavi Pramod Malgundkar	SE CMPN A	Online	100+	Participated	CSI-SFIT
20	25th April 2021	The Guinness World record event- Most users to take an online computer programming lesson in 24 hours	Prajwal Bawankule	SE CMPN A	Online	100+	Participated	GUVI
21	6th March 2021	CodeXpress 4.0	Yash Vinod Mirajkar	SE CMPN A	Online	200+	Participated	Codex-SFIT
22	13th & 14th February 2021	Head Start to Data Science	Yash Vinod Mirajkar	SE CMPN A	Online	100+	Participated	Codex-SFIT
23	13th & 14th February 2021	Head Start to Data Science	Sai Mhatre	SE CMPN A	Online	100+	Participated	Codex-SFIT
24	13-28 Feb 2021	Python Programming	Eleesa Anil	SE CMPN A	Online	100+	Participated	IETE-SFIT

25	20th March 2021	Behind the Layers Photoshop Workshop	Eleesa Anil	SE CMPN A	Online	100+	Participated	CSI-SFIT
26	25th April 2021	Build a face recognition application in python as a part of AI-for-India event	Janice Johnson C	SE CMPN A	Online	1000+	Participated	GUVI
27	24th to 25th April 2021	The Guinness World record event- Most users to take an online computer programming lesson in 24 hours	Janice Johnson C	SE CMPN A	Online	1000+	Participated	GUVI
28	25th April 2021	Build a face recognition application in python as a part of AI-for-India event	Janice Monteiro	SE CMPN A	Online	1000+	Participated	GUVI
29	24th to 25th April 2021	The Guinness World record event- Most users to take an online computer programming lesson in 24 hours	Janice Monteiro	SE CMPN A	Online	1000+	Participated	GUVI
30	27th March 2021	Data Driven Decision Making	Janice Monteiro	SE CMPN A	Online	70 -80	Participated	Techess SFIT
31	25th April 2021	Build a face recognition application in python as a part of AI-for-India event	Alaster C.	SE CMPN A	Online	1000+	Participated	GUVI
32	24th to 25th April 2021	The Guinness World record event- Most users to take an online computer programming lesson in 24 hours	Alaster C.	SE CMPN A	Online	1000+	Participated	GUVI
33	27th March 2021	Data Driven Decision Making	Orvil D'silva	SE CMPN A	Online	70 -80	Participated	Techess SFIT

34	13th Feb	Introduction to Stock Market	Orvil D'silva	SE CMPN A	Online	70-80	Participated	IETE-SFIT
35	6th March 2021	CodeXpress 4.0	Orvil D'silva	SE CMPN A	Online	200+	Participated	Codex-SFIT
36	13th & 14th February 2021	Head Start to Data Science	Orvil D'silva	SE CMPN A	Online	100+	Participated	CSI-SFIT
37	6th March 2021	CodeXpress 4.0	Suved Ganduri	SE CMPN A	Online	200+	Participated	Codex-SFIT
38	13/02/2021-14/02/2021	Head start to data science	Vaibhavi Welis	SE CMPN B	Online	100+	Participated	CSI-SFIT
39	14-02-2021	ECELL Graphics Webinar'21	Joel Dsouza	SE CMPN B	Online	100+	Participated	E-cell
40	27-03-2021	Data Driven Decision Making" by Ms. Karthika Kamath	Joel Dsouza	SE CMPN B	Online	100+	Participated	IEEE
41	24-04-2021	Prototyping With Adobe XD	Joel Dsouza	SE CMPN B	Online	100+	Participated	ITSA
42	17-04-2021	The Career Toolkit	Joel Dsouza	SE CMPN B	Online	100+	Participated	CSI-SFIT
43	03-04-2021	Business Intelligence and Analytics" by Mrs. Pradeepthi Duggaraju	Joel Dsouza	SE CMPN B	Online	-	Participated	ISTE
44	17-04-2021	Stairway to web development - Day 1(HTML,CSS)	Joel Dsouza	SE CMPN B	Online	100+	Participated	Codex
45	18-04-2021	Stairway to web development - Day 2(JAVASCRIPT)	Joel Dsouza	SE CMPN B	Online	100+	Participated	Codex
46	24-04-2021	Stairway to web development - Day 3(NODEJS)	Joel Dsouza	SE CMPN B	Online	100+	Participated	Codex
47	13/02/2021 - 14/02/2021	Head start of data science	Anushree Poojary	SE CMPN B	Online	100+	Participated	CSI-SFIT
48	06-03-2021	Code Xpress 4.0	Anushree Poojary	SE CMPN B	Online	250-350	Participated	CodeX SFIT

49	20-03-2021	Photoshop(Behind the Layers)	Anushree Poojary	SE CMPNB	Online	100+	Participated	CSI-SFIT
50	22/03/2021 - 27/03/2021	Pragati	Anushree Poojary	SE CMPNB	Online	100+	Participated	E-cell
51	10-04-2021	Data Analytics	Anushree Poojary	SE CMPNB	Online	100+	Participated	ITSA-Universal College of Engineering
52	17-04-2021	Stairway to web development - Day 1(HTML,CSS)	Anushree Poojary	SE CMPNB	Online	100+	Participated	CodeX
53	18-04-2021	Stairway to web development - Day 2(JAVASCRIPT)	Anushree Poojary	SE CMPNB	Online	100+	Participated	CodeX
54	06/03/2021	Code Xpress 4.0	Avnish Raut	SE CMPNB	Online	250-350	Participated	Codex
55	20/3/2021	Behind the Layers(Photoshop)	Avnish Raut	SE CMPNB	Online	-	Participated	CSI-SFIT
56	17/4/2021	The Career Toolkit	Avnish Raut	SE CMPNB	Online	100+	Participated	CSI-SFIT
57	13/02/2021 - 14/02/2021	Head start to Data science	Somnath Pratik	SE CMPNB	Online	100	Participated	CSI-SFIT
58	06/03/2021	Code Xpress 4.0	Tripti Nayak	SE CMPNB	Online	250-350	Participated	CodeX
59	22/03/2021 - 27/03/2021	Pragati	Tripti Nayak	SE CMPNB	Online	100+	Participated	E-cell
60	24/04/2021 - 25/04/2021	AI-For-India	Tripti Nayak	SE CMPNB	Online	100+	Participated	GUVI
61	03-04-2021	Business Intelligence and Analytics	Tripti Nayak	SE CMPNB	Online	100+	Participated	ISTE
62	13/02/2021 - 14/02/2021	Head start to Data science	Tripti Nayak	SE CMPNB	Online	100	Participated	CSI-SFIT
63	02/02/2021	Responsive website basics	Tripti Nayak	SE CMPNB	Online	100+	Participated	coursera

64	13/02/2021-28/02/2021	python course	Tripti Nayak	SE CMPNB	Online		participate	IETE
65	13-02-2021 -14-02-2021	Head start to data Science	Neha Pattankar	SE CMPNB	Online	100+	Participated	CSI-SFIT
66	22-04-2021 - 27-04-2021	Pragati	Neha Pattankar	SE CMPNB	Online	100+	Participated	E-cell SFIT
67	17-04-2021	Stairway to Web development - Day1 (HTML, CSS)	Neha Pattankar	SE CMPNB	Online	100+	Participated	CODEX-SFIT
68	18-04-2021	Stairway to Web development - Day1 (JAVASCRIPT)	Neha Pattankar	SE CMPNB	Online	100+	Participated	CODEX-SFIT
69	01-02-2021 - 28-02-2021	Graphic Designing Workshop	Neha Pattankar	SE CMPNB	Online	100+	Participated	MyCaptian
70	03-04-2021	Webinar on 'Business Intelligence & analaytics'	Neha Pattankar	SE CMPNB	Online	100+	Participated	ISTE-SFIT
71	13-02-2021 -14-02-2021	Head Start to Data Science	Lian Sequeira	SE CMPNB	Online	100+	Participated	CSI-SFIT
72	13-02-2021	Webinar on "Stock market" by Motilal Oswal	Lian Sequeira	SE CMPNB	Online	70-80	Participated	IETE-SFIT
73	03-04-2021	Webinar on "Business Intelligence and Analytics"	Lian Sequeira	SE CMPNB	Online	100+	Participated	ISTE-SFIT
74	24-04-2021	Prototyping with Adobe XD	Lian Sequeira	SE CMPNB	Online	100+	Participated	ITSA-SFIT
75	13-14th February	Head Start to Data Science	Nikhil Suresh Nair	SECMPNB	Online	100+	Participated	CSI
76	3rd April	Webinar on 'Business Intelligence & analaytics'	Nikhil Suresh Nair	SECMPNB	Online	100+	Participated	ISTE
77	1st April - 30th April	Python Programming	Domingos J Pinto	SE CMPNB	Online	100+	Participated	MyCaptain
78	24-04-2021	Prototyping With Adobe XD	Alvin A. Solomon	SE CMPNB	Online	100+	Participated	ITSA

79	17-04-2021	Stairway to web development - Day 1(HTML,CSS)	Alvin A. Solomon	SE CMPN B	Online	100+	Participated	CodeX
80	18-04-2021	Stairway to web development - Day 2(JAVASCRIPT)	Alvin A. Solomon	SE CMPN B	Online	100+	Participated	CodeX
81	24-04-2021	Stairway to web development - Day 3(NODEJS)	Alvin A. Solomon	SE CMPN B	Online	100+	Participated	CodeX
82	17-04-2021	Stairway to web development - Day 1(HTML,CSS)	Pranav Yadav	SE CMPN B	Online	100+	Participated	CodeX - SFIT
83	18-04-2021	Stairway to web development - Day 2(JavaScript)	Pranav Yadav	SE CMPN B	Online	100+	Participated	CodeX - SFIT
84	24-04-2021	Stairway to web development - Day 1(NodeJS)	Pranav Yadav	SE CMPN B	Online	100+	Participated	CodeX - SFIT
85	24-04-2021	AI For India	Pranav Yadav	SE CMPN B	Online	100+	Participated	Guvi
86	13-02-2021 to 14-02-2021	Head Start to Data Science	Pranav Yadav	SE CMPN B	Online	100+	Participated	CSI - SFIT
87	06-03-2021	CodeXpress 4.0	Pranav Yadav	SE CMPN B	Online	100+	Participated	CodeX - SFIT
88	03-04-2021	Business Intelligence and Analytics - using Tableau	Pranav Yadav	SE CMPN B	Online	100+	Participated	ISTE - SFIT
89	21-01-2021	Autonomous monitoring of smart connected products	Vaibhavi Welis	SE CMPN B	Online	100+	Participated	techgig
90	06/03/2021	Code Xpress 4.0	Lester Rodrigues	SE CMPN B	Online	250-350	Participated	CodeX
91	27-03-2021	Data Driven Decision Making" by Ms. Karthika Kamath	Lester Rodrigues	SE CMPN B	Online	100+	Participated	IEEE
92	06/06/2021	CodeXpress 4.0	Michael Jetson	TE CMPN A	Online	250-350	Participated	CodeX, SFIT
93	6th March, 2021	CodeXpress4.0	Siddhant Mishra	TE CMPN B	Online		Participated	Codex

94	06/03/2021	CodeXpress4.0	Kate Rebello	TECMPN B	Online		Participated	Codex
95	20th- 21st March, 2021	Lines of Code 3.0	Siddhant Mishra	TE CMPN B	Online		Participated	DJCSE
96	4th April 2021	Codeeager Online Coding Competition	Shardul Shroff	TE CMPN B	Online		Participated	IEEE-VIT
97	22th March	Pragati B-plan Competition	Jash Tailor	TE CMPN B	Online		Participated	Ecell-SFIT

EXTRA-CURRICULAR ACTIVITIES

Sr. No.	Date	Student's Name	Event Name	Class / Sem / Div	Participated / Conducted / Participated	College /venue
1	5th - 26th April	Rebecca Aurelia Dsouza	Collision 2021	SE CMPN A	Conducted	Online (College cultural event)
2	5th - 26th April	Leah Neville Dsouza	Collision 2021	SE CMPN A	Conducted	Online (College cultural event)
3	5th - 26th April	Shaun Sandeep Figueiro	Collision 2021	SE CMPN A	Conducted	Online (College cultural event)
4	5th - 26th April	Eleesa Anil	Collision 2021	SE CMPN A	Conducted	Online (College cultural event)
5	5th - 26th April	Suved Ganduri	Collision 2021	SE CMPN A	Conducted	Online (College cultural event)
6	10-11 april 2021	Manjot Kaur Sokhi	IEEE Mind Clash 2.0 - Intercollegiate Technical debate	SE CMPN B	Participated - 2nd place	St.Francis Institute of Technology/ virtual
7	27/2/21	Jaimin Solanki	Open Coding Virtual Colloquium	SECMPNB	Participated- 2nd Position	SFIT/Virtual
8	22/02/2021	Somnath Pratik	Cyber Ethics Quiz	SECMPNB	Participated	GOI/virtual
9	22/02/2021	Somnath Pratik	Cyber Bullying Quiz	SECMPNB	Participated	GOI/virtual
10	22/02/2021	Somnath Pratik	Whatsapp Security Quiz	SECMPNB	Participated	GOI/virtual
11	22/02/2021	Avnish Raut	Whatsapp Security Quiz	SECMPNB	Participated	GOI/Virtual
12	22/02/2021	Avnish Raut	Cyber Ethics Quiz	SECMPNB	Participated	GOI/Virtual

STUDENTS PUBLICATIONS

Sr. No	Author's Name	Paper Title	Publication details	Date of publication	Class
1	Chelsea Fernandes	Automated Disaster News collection, classification and Geoparcng	International Conference on Smart Data Intelligence, April 29-30th 2021	April 29-30th 2021	BE CMPN A
2	Joshua Fernandes				
3	Sharon Mathew				
4	Shubham Raorane				
5	Jayashree Domale	Improving the yield and revenue of Indian crop production using Data Engineering	2nd International Conference on Data Analytics and Management	Jun-21	BE CMPN A
6	Manmohan Dogra				
7	Kevin Dsouza				
8	Dwayne Fernandez				
9	Jayashree Domale	Lyrics Inducer using bi-directional	International Conference on Communication and Computational Technologies	Feb 27-28 2021	BE CMPN A
10	Manmohan Dogra	Long Short-Term Memory networks			

LIST OF STUDENTS WHO COMPLETED INTERNSHIPS

Sr. No	Student's Name	Class / Sem / Div	Industry Worked with	Start date	End Date	Duration (weeks/ months)	Status (Ongoing / Completed)
1	Darren Felix Noronha	BE CMPN A	Web Development	May 2, 2021	July 2, 2021	2 Months	Completed
2	Precious Rodrigues	BE CMPN B	Vistaar Digital Pvt. Ltd.	June 2021		5 months	Ongoing
3	Prajwal Bawankule	TE CMPN A	MicroCurve Consulting	24/06/2021	24/07/2021	1 month	Completed
4	Darren Felix Noronha	BE CMPN A	Web Development	02-May-21	02-Jul-21	2 Months	Completed
5	Vaibhavi Welis	SE CMPN B	Board of Industry-Academia Partnerships	10/02/2021	30/04/2021	2 months	Completed
6	Keegan Vaz	SE CMPN B	Calibrant Classes	01/04/2020	-	Currently 1 year 1 month	Ongoing
7	Manjot Kaur Sokhi	SE CMPN B	Bolt IoT	15/02/2021	15/04/2021	2months	Completed

8	Neha Pattankar	SE CMPN B	Habitat for Humanity(Graphic Designing Internship	14-04-2021	14-05-2021	1 month	Ongoing
9	Kartik Parekh	TECMPN B	Cyberfi	29/01/21	28/02/21	1 month	Completed
10	Hitanshu Panchal	TECMPN B	vDoIT Technologies Private Limited	12/11/2020	28/02/2021	4 months	Completed
11	Shravani Dhuri	TECMPN B	The Sparks Foundation	1/2/2021	01/03/2021	1 month	Completed
12	Kate Rebello	TECMPN B	A2D Web	19/02/2021	01/04/2021	2 months	Completed
13	Clare Rebello	TECMPN B	Shining Tomorrow Foundation	17/01/2021	16/03/2021	2 months	Completed
14	Emmanuel Thomas	BE CMPN B	FINO Payments Bank	01 March 2021	30 April 2021	2 months	Completed
15	Sahil Kotian	BE CMPN B	Think Of It Foundation	12-08-2020	28-01-2021	6 months	Completed
16	Sahil Kotian	BE CMPN B	Learnero Academy Private Limited	25-01-2021	25-04-2021	3 months	Completed

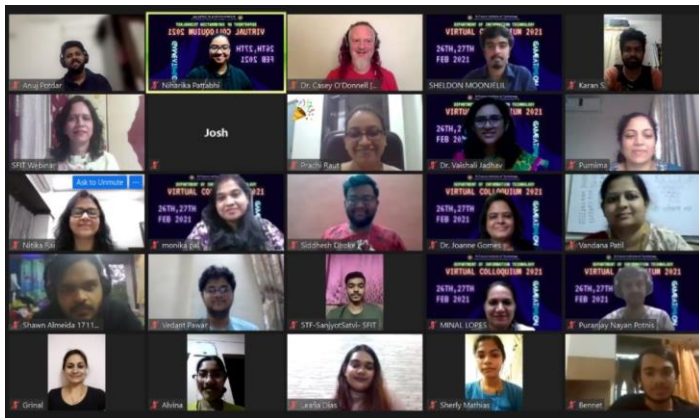
DEPARTMENT OF INFORMATION TECHNOLOGY

VIRTUAL COLLOQUIUM 2021



Our theme “IT for Gaming” accompanied by Gameathon was perfect considering the present scenario of the boom in the gaming industry following the pandemic. It was convened by Dr. Joanne Gomes with coordinators Dr. Vaishali Jadhav and Mr. Vaibhav kala. Students coordinator was Mr. Karan sandam and Students Co-ordinator was Mr. Mukunda

Gujjar(TE). Colloquium 2021 was managed by multiple committees that consisted of students from the INFT Department and were guided by teachers. There were around 306 participants joined in the colloquium.



The Inauguration Ceremony was conducted at 10:00 AM on Zoom platform with over 250 attendees. Mr. Anuj Potdar, a Game Dev and enthusiast was called upon as our Chief Guest. He spoke about his final year project in which he and his group created a game and what difficulties one faces when making a game.

Fusion of DevOps and Advanced DevOps Tools



The IT department of St. Francis Institute of Technology had organised a 5-day workshop from 21st to 25th June 2021 on “Fusion of DevOps and Advanced DevOps Tools”. The day was hosted by Mr VIRAL SONI from TE IT A. The 5-day workshop began with the recitation of the college prayer. After the college prayer, Dr Joanne Gomes gave insights on the importance of DevOps in the current IT industry. Day 1 of the workshop was undertaken by Mr Milind Kubal(eClerx) who has good experience in the field. The session began with Mrs Shree Jaswal and Dr Vaishali Jadhav welcoming and introducing the resource person. The webinar was an

exclusive session for the students of the INFT dept. There were around 130 participants in the workshop.

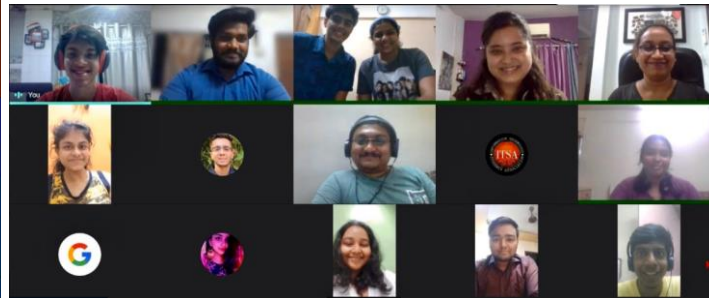
SEMINARS:

1. A department level session on “PROJECT IDEAS” was conducted on 23rd January 2021 for TEITA and TE ITB students respectively from 1:00 pm to 3:30 pm during their mini-project slots in online mode using google meet.
2. A department level session on “How to do literature review” was conducted on 9th and 11th February 2021 for TEITA and TE ITB students respectively from 3:00 pm to 5:00 pm during their mini-project slots in online mode using google meet.
3. A department level session on “How to write problem Definition” was conducted on Tuesday, 23rd March 2021 for TEITA and TE ITB students respectively from 9:00 am to 10:30 pm in online mode using google meet.
4. A department level session on “Result Analysis” was conducted on 9th April 2021 for BEITA and BE ITB students respectively from 5:00 pm to 7:00 pm in online mode using google meet.
5. A department level session on “LATEX” was conducted on 21st April 2021 for all TEIT A and B students respectively from 10:00 am to 12:30 pm in online mode using google meet.
6. A department level session on “Technical Paper Writing” was conducted on 24th April 2021 for BEITA and BE ITB students respectively from 10:00 am to 12:00 pm in online mode using google meet.
7. A department level session on “Ethics in Technical Paper Writing” was conducted on 28th April 2021 for BEITA and BE ITB students respectively from 4:15 pm to 5:15 pm in online mode using google meet.
8. Ms. Mrinmoyee Mukherjee conducted a seminar on Data Analytics Using Excel at St. Francis Institute of Technology on 28th June 2021.

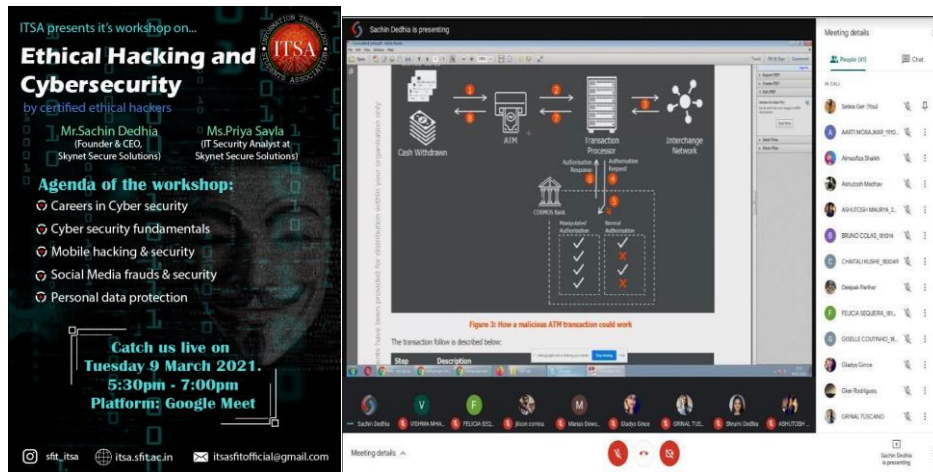
Information Technology Students’ Association (ITSA) Events:

The ITSA had organized following technical and non-technical activities for SFIT students.

1. An Intra-Department “Debate Competition” for all the students of the SFIT on 4th and 5th March 2021 (from 4:00pm onwards) in online mode using google meet.



2. A workshop on “Ethical Hacking” took place on March 9, 2021(5:30 p.m.-7:00p.m.), via Google Meet. The resource people were Mr. Sachin Dedhia and Ms.Priya Savla. Mr.Sachin Dedhia is an independent Cybercrime Investigator & also a Certified Ethical Hacker.



3. A workshop on “Full-Stack Web Development” for all the students of the SFIT on the 20th of March 2021 (4:00 p.m.- 6:00p.m.) in online mode using google meet.

ITSA introduces you to its hands-on workshop on....

Full STACK WEB development

BY MS. SONAALI MUNAGERAR
VICE PRESIDENT (MODEL ENGINEERING IT) AT MSCJ INC

AGENDA OF THE WORKSHOP:

- Challenges of the modern web
- **REST**- Thinking in resources
- Full-Stack Architectures
- Creating a front-end with **React**
- Creating a Back-end with **Node.js** and **Express**
- Database setup with **Mongo DB**
- Connecting Front-end and Back-end with **Fetch API**

SATURDAY 20TH MARCH 4PM-6PM
GOOGLE MEET

sonalini is presenting

REST - Thinking in Resources

Resource Resource Identity : URI Resource Representation

Document Video Business Process

Anything Exposed on Web

To use the resource we need to identify it on the network

JSON XML

Single URI is associated with 1 or more representations.

Web components can have representations and the underlying resource

EXAMPLE : JSON, XML, MP3, JPEG

Open Tech Community - Full-Stack Workshop

Meeting details

4. A workshop on "Prototyping with Adobe Xd" on the 24th April, 2021 (3 pm onwards) in online mode using google meet. This was a full hands-on workshop. The workshop included the idea for creating an extraordinary website and many different designs related to various things, having various features without having to focus all the attention towards code to create the website.

ITSA introduces you to its hands-on workshop on....

PROTOTYPING WITH ADOBE XD

BY MS. PRIYA MENEZES
User Experience and Visual Designer
at Accenture Solutions Pvt. Ltd.

AGENDA OF THE WORKSHOP:

- Introduction to prototyping and Adobe Xd
- Adobe XD training - features
- A Small Mini project using the things you learnt!
- Q&A session

SATURDAY 24th APRIL 3 PM ONWARDS
GOOGLE MEET

E-certificates will be provided to all the participants



FACULTY ACHIEVEMENTS

FACULTY INVITED TALKS

- Dr. Nitika Rai was invited for talk on Usage of Moodle software during seminar on IQAC at SFIT on 30th January 2021
- Ms. Grinal Merwin Tuscano was invited for talk on AWS Lambda: Serverless computing Platform during R & D Lecture Series organized by INFT Department of SFIT on 13th February 2021
- Ms. Grinal Merwin Tuscano was invited for talk on HandOn_Latex Workshop during workshop on SKC_SFIT organized by SFIT on 10th April 2021
- Aruna Pavate was invited for talk on Machine Learning during seminar on Machine learning-Recent trends and practices in Information Technology organized by Online-Department of Computer Application in association with IQAC of Kristu Jyoti Collège of Management and Technology on 21st April 2021
- Dr. Minal Lopes was invited for talk on Research Ethics during seminar on "Lecture series on research for BE students" organized by INFT Department of SFIT on 28th April 2021
- Amrita Mathur was invited for talk on Machine Learning and IOT during workshop on Machine Learning and IOT on 22nd June 2021
- Mrinmoyee Mukherjee was Session Chair for International Conference on Communication, Information and Computing Technology, 2021 organized by SPIT, Online on 26th June 2021

WORKSHOPS/ SEMINAR / STTP /CONFERENCE / ONLINE CERTIFICATION
COURSES – ATTENDED

- Dr. Prachi Raut attended ISTE Approved STTP on "Cyber Security and Ethical Hacking", from 1st to 9th April 2021 at Xavier Institute of Engineering Mumbai
- Dr. Minal Lopes attended,
 - AICTE ATAL Academy Online FDP on "Quantum Computing", from 18th to 22th January 2021 at Department of Information Technology, TCET
 - Faculty Orientation Program for revised syllabus of SE-IT Sem -IV Rev 2019 C scheme on the subject of Computer Networks & Network Design Lab, on 4th Feb 2021 at Information Technology Department, SAKEC on behalf of University of Mumbai
 - Certified in Udemy Course on QC051: Maths Prerequisites for Quantum Computing on 13th Feb 2021
 - AICTE ATAL Academy Online FDP on "Quantum Computing, from 22nd to 26th Feb 2021 at Department of Information Technology, TSEC
- Dr. Nitika Rai attended,
 - Webinar on Criteria 3 – NBA Accreditation, from 2nd to 5th Feb 2021 at InPods
 - Faculty Development Program on Advanced Excel with Data Visualization, from 5th to 10th April 2021 at E & ICT Academy, IIT Kanpur
 - National workshop webinar on “Feedback, SSS, Best and Distinctive Practices”, from 19th to 21st May 2021 at Haribhai. V. Desai Arts, Science and Commerce College & IQAC Cluster in Collaboration with WhiteCode
 - Insights of NEP, on 21st May 2021 at Dept. of Electronics and Communication Engineering, Dr. AIT, Bengaluru
 - Faculty Development Program on Python, from 24th to 29th May 2021 at E & ICT Academy, IIT Kanpur
 - Faculty Development Program on Data Science, from 11th to 27th Jun 2021 at E & ICT Academy, IIT Kanpur
- Vandana A. Patil attended,
 - Faculty Development Program on Introduction to Six Sigma, from 26th Apr to 1st May 2021 at E & ICT Academy, IIT Kanpur
 - Faculty Development Program on “Insights and Methodologies towards Research and Research Outcomes”, from 21st to 26th Jun 2021 at St. Francis Institute of Technology, Mumbai, Maharashtra
- Shree Jaswal attended,
 - AICTE sponsored STTP on "Inculcating Universal Human Values in Technical Education", from 22nd to 26th Mar 2021
 - Programming for Everybody (getting Started with Python), from 12th Apr to 20th May 2021 at Coursera
- Grinal Tuscano attended,
 - Faculty Development Program on Python, from 5th to 10th April 2021 at E & ICT Academy, IIT Kanpur
 - Faculty Development Program on Core Java, from 21st to 26th Jun 2021 at E & ICT Academy, IIT Kanpur
 - ISTE approved workshop on Insights and Methodologies towards Research and

Research Outcomes, from 21st to 26th Jun 2021

- Mrinmoyee Mukherjee attended Online FDP on "Internet of Things (IoT)", from 8th to 12th Feb 2021 at AICTE Training and Learning (ATAL) Academy
- Alvina Andrew Alphonso attended Faculty Orientation Programme (FOP) on Operating Systems Course (ITC403) and Unix Lab (ITL402), on 2nd Feb 2021 at Department of Information Technology of K. J. Somaiya Institute of Engineering and Information Technology (KJSIEIT) on behalf of University of Mumbai
- Mayuri Rathi attended Recent Trends & Applications of Wireless Communication in VLSI Design, from 22nd to 27th Mar 2021 at Internal Quality Assurance Cell & Department of Electronics Engineering, Priyadarshini College of Engineering, Nagpur
- Priya Pares Chaudhari Python basics, from 15th Apr to 26th May 2021 at Coursera

STUDENT ACHIEVEMENTS

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

- IT for Gaming, Colloquium 2021 organized by Department of Information Technology, SFIT, Mumbai on 26th and 27th of February 2021, the winners for the same are mentioned below,
- Poster Competition
 - First Prize - Satvi Sanjyot, D'cunha Oren, Sandam Karan
 - Second Prize - Surkar Piyush, Dayal Tejas, Sinha Shivam
 - Third Prize - Killekar Rahul, Mascarenhas Rishan, Patil Nikhil
 - Consolation Prize - Shah Jayana, Grover Sumedha, Waghela Aashish
 - Consolation Prize - Patel Johanan, Doshi Bhagya, Salaskar Amogh
 - Consolation Prize - Agarwal Nikita, Andhale Rutuja, Bodhankar Aarya
- Project Competition
 - First Prize – Devesh Sharma, Kashyap Talati, Shreyas Tulpule
 - Second Prize - Alsten Vaz, Shriya Wade, Anushka Yadav
 - Third Prize - Meet Popat, Medha Kumble, Puranjay Potnis
 - Consolation Prize – Sonal Govind Holankar, Yash Naresh Gupta, Shruti Madan Gupta
 - Consolation Prize – Varun Anand Patkar, Vedant Ritesh Pawar, Tanish Ashwin Parmar, Manav Kamlesh Parmar
 - Consolation Prize – Leafia Dias, Anviksha Dixit, Krunal Doshi

- SE Coding Competition
 - First Prize – Dhamelia Arpan
 - Second Prize - Patkar Varun
 - Third Prize - Mahajan Yash

- Voxel Assets Competition
 - First Prize – Rishan Mascarenhas
 - Second Prize - Nikhil Patil
 - Third Prize - Rahul Killekar

- Game Modification Competition
 - First Prize – Rahul Bhatt

- Geeky Labyrinth Competition
 - First Prize – Niharika Pattabhi
 - Second Prize - Nelkin Eldho
 - Third Prize - Mahesh Makwana

- Scavenger Hunt Competition
 - First Prize – Alan Almedia (FRCRCE, CMPN)
 - Second Prize - Neer Chanchad

- Open Coding Competition
 - First Prize – Alan Almedia (FRCRCE, CMPN)
 - Second Prize - Jaimin Solanki (SFIT, CMPN)

- Viral Soni won 1st Prize in Diving Deep into Block chain event organized by Microsoft
- Sahil Sheikh, Shikha Shah and Lohit Pujari won Consolation prize in MEGAHACK2.0 event organized by St. John College of Engineering and Management
- Vikas Sureshchandra Chaurasiya Participated in Data Science workshop organized by CSI SFIT
- Beryl Boniface Coutinho Participated in National Engineering Olympiad 3.0 event organized by NEO Foundation
- Aarya Bodhankar won 1st prize in national level event at IBM Qiskit Global Summer School organized by IBM
- Karan S. Sandam, Nikita Agarwal and Piyush Surkar won 3rd prize in national level event at Equilibrium – eXEMPLAR organized by MIT Pune
- Rutuja Andhale, Shivam Sinha, Mahesh Makwana and Nikita Agarwal stood 1st runner up in inter college event HACK STOMP, 2021 organized by universal college of engineering
- Shivam Sinha, Piyush Surkar and Tejas Dayal won the event ByteCamp 21 organized by SIES graduate school of Technology

EXTRA-CURRICULAR ACTIVITIES

- Nikhil Lobo and Roxan Kadam stood runner up in Intra department debate competition organized by ITSA-INFT-SFIT
- Piyush Surkar and Shivam Sinha stood at First place in Intra department debate competition organized by ITSA-INFT-SFIT

DEPARTMENT OF MECHANICAL ENGINEERING

A. Teaching Faculty achievements

1. Courses Completed

Name of Faculty	Course Title	Duration	Organized by
Mr. Yunus Dalal	Module 2 - Professional Ethics & Sustainability	8 weeks	National Initiative For Technical Teacher's training (NITTT)
	Module 3 - Communication Skills Modes & Knowledge Dissemination	8 weeks	National Initiative For Technical Teacher's training (NITTT)
Mr. Magesh Nadar	Module 1 - Orientation Towards Technical Education and Curriculum Aspects	8 weeks	National Initiative For Technical Teacher's training (NITTT)
Ms. Farhat Khan			

2. Faculty Development Programme (FDP)/Workshop Attended

Name of Faculty	Course Title	Duration	Organized by
Mr. Bysani Malakondaiah	TEQIP III sponsored National Level Programme on 'Reforms in Technical Education: Perspective of National Education Policy'	3 days	SPCE, ANDHERI
Mr. Yunus Dalal	Design, Modeling and Simulation of Sustainable Building Energy Systems	5 days	Pimpri Chinchwad College of Engineering (ATAL)
Mr. Magesh Nadar	Emerging Technologies in Product Design & Development	5 days	ATAL- Dept. of Mechanical Engineering, Government College of Engineering Chandrapur & CIIT-GCOEC
	STTP on "Insights and Methodologies towards Research and Research Outcomes"	5 days	The Department of Computer Engineering, SFIT
Mr. Sanjay Ghaskatta	Modern Manufacturing Techniques	3 days	Pillai College of Engineering
	Manufacturing & Management Practices in Areas of Mechanical Engineering- Tips for Sustainability of Startups	2 days	Fr. Conceicao Rodrigues College of Engineering
	Design Thinking in 3D Printing	5 days	IIT, Varanasi (ATAL)
Ms. Farhat Khan	System Engineering	4 days	MANIT Bhopal (ATAL)

3. Seminar/Workshop Attended

Name of Faculty	Course Title	Remarks
Mr. Yunus Dalal	Taking learning & research forward using IEEE Xplore® digital library.	SFIT Library
	Technical Talk on "Intellectual Property Right" (FIP)	SFIT
	Faculty Orientation Program on Fluid Mechanics	Fr. C. Rodrigues Institute of Technology
	Faculty orientation Program on CNC & 3D Printing	Pillai College of Engineering
	Author Workshop from IEEE	SFIT Library
	Integration of Renewable Energy into the Indian Grid	NPTEL, IIT Madras
	Virtual Classroom- Enhance Teaching through Learning Management System (LMS)	EBSCO
	Faculty Orientation Program (ISHRAE)	Student Activities Committee
Mr. Sanjay Ghaskatta	Faculty Orientation Program for CNC & 3D Printing	Pillai College of Engineering

B. Student achievements

1. Internship Completed

Name of Student	Organization	Class	Date	Specialization
Arison Dabre	RVM CAD	SE	June 21, 2021	Business Development Team
Aaron Pashana	Simpliforge Creations	TE	April 18, 2021	Product Development (3D Printing and Reverse Engineering)
Anish Adgaonkar	Design and Development (Press tool Design)	TE	Jan 11, 2021	IT Industries (Tool Room)
Devarsh Kachalia	Simpliforge Creations	TE	April 18, 2021	Product Development (3D Printing and Reverse Engineering)
Devarsh Kachalia	IEEE RGIT & ASME RGIT	TE	April 18, 2021	Reverse Engineering and 3D Printing
Karan Bhuta	IEEE RGIT & ASME RGIT	TE	April 18, 2021	Reverse Engineering and 3D Printing
Tapaswi More	Hindustan Coca cola Beverages	TE	June 15, 2021	Manufacturing and Maintenance
Glenn David Tharayil	Product Design and Modelling	TE	May 31, 2021	Mechathon Engineering
Ameya Sardesai	Product Design and Modelling	TE	May 31, 2021	Mechathon Engineering

2. Course/Training/Certification Completed

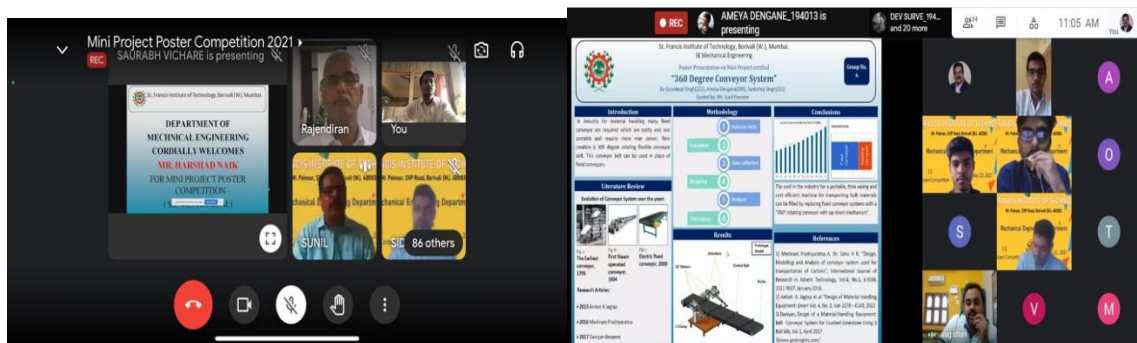
Name of Student	Course	Certification	Class	Date	Specialization
Swaraj Khade	Learn python programming masterclass	Udemy	SE	June 11,2021	Programming
Yash Chavan	Machine Learning	Internshala	SE	April 1,2021	Programming
Shreyansh Bhandari	Python Programming	Kamal Classes	SE	June 01, 2021	Programming
Gurudayal Singh Dalawat	Mathematical Modelling of an Electric Vehicle	Pupilfirst School	SE	April 23,2021	Electric Vehicle
Akhil Nadar	Product Design and Modelling	Skill Development Cell	SE	June 28, 2021	Product Development
Hilton Dsouza	Product Design and Modelling	Skill Development Cell	TE	June 28, 2021	Product Development
Jay Raut	Product Design and Modelling	Skill Development Cell	SE	June 28, 2021	Product Development
Saahhiel Saawaant	Product Design and Modelling	Skill Development Cell	SE	June 28, 2021	Product Development
Aditya Kanse	Product Design and Modelling	Skill Development Cell	SE	June 28, 2021	Product Development
Lance Tuscano	Product Design and Modelling	Skill Development Cell	SE	June 28, 2021	Product Development
Shaun Pinto	Product Design and Modelling	Skill Development Cell	SE	June 28, 2021	Product Development
Gaurav Sharma	Product Design and Modelling	Skill Development Cell	SE	June 28, 2021	Product Development

C. Activities Conducted by Department for students

1. Competition/Webinar/Workshop/ Orientation

Sr. No.	Type of Activity	Name of Activity	Beneficiaries	Date
1	Competition	Mini Project 1A Poster Competition	SE students	May 22, 2021
2	Webinar	Training and Placement Session (Q&A)	TE students	June 17, 2021
3	Webinar	Education in Germany	TE students	June 18, 2021
4	Workshop	Product Design and Modelling	SE students	June 28, 2021
5	Competition	MIT Autosport's Equilibrium 2021	Gatee SFIT	March 16, 2021
6	Competition	Indian Kart Racing Championship (IKRC) 2020	Gatee SFIT	March 18, 2021

1. Competition- Mini Project 1A Poster Competition



St. Francis Institute of Technology, Borivali (W.), Mumbai.
 SF Mechanical Engineering
 Poster Presentation on Mini Project entitled
"Pneumatic Actuated Exoskeleton Arm"
 Novak Machade, Ryhan Ferreira, Arison Dabre, Snowell Lobo
 Guided by: Prof. Sanjay Ghoshalkar
 Group No: 26

Introduction
 Machines or assemblies which assist human and bear most of the machine and processes and are known as exoskeletons beyond the capacity of human to handle them.

Methodology
 The main objective of this project is to lift the load with the help of pneumatic cylinder and DC motor. The mechanism is work up of Aluminium body because it is light weight and non-corrosive.

Conclusions
 The main aim of this project is to develop an inexpensive and user-friendly system. This project is simple in construction, design and cheap. It provides quicker response and is flexible as compared to hydraulic and electric high resolution arms. Our project can be used in the applications such as rescue operations, military, industrial and in the applications such as physical therapy to regain muscle ability. It helps the physically disabled people to carry more weight in their daily life as the maximum load is carried by this pneumatic system.

References
 [1] SUDHAR, A. "A Step Rehabilitation Robot". *Alarcosub.e.cib*, 2015-2016.
 [2] Sagar Kulkarni, "Apparatus for Handling Material", US Patent 4839447, February 11, 1989 and prior November 18, 1990.
 [3] Sri Arun Mishra, "Handling Product: Operation Control Electric Control", PhD thesis in mechanical engineering for Master's degree, IIT Bombay, Mumbai, India, 2010.
 [4] "Design of an Exoskeleton Arm with Pneumatic Muscle Actuation".
 [5] "Design of an Exoskeleton Arm with Pneumatic Muscle Actuation".
 [6] "Design of an Exoskeleton Arm with Pneumatic Muscle Actuation".

Second Year Mechanical Engineering
 Mini Project Entitled on,
"SEED SOWING MECHANISM"
 Names: Aditya Kanse, Swaraj Khade, Nikhil Mane.
 Guide Name: Mr. Ravindra K. Garudole
 St. Francis Institute of Technology, Borivali (W.), Mumbai.
 Group No: 1

Introduction
 Traditionally, a lot of farmers have to undergo hard labour simply to sow seeds and although modern machinery has made it easier, it is still far from the height of precision farmers. A seed sowing mechanism is a device that sows the seeds for crops by positioning them in the soil and burying them to a specific depth. This ensures that seeds will be distributed evenly. The seed sowing mechanism sows the seeds at the proper seeding rate and depth, ensuring that the seeds are covered by soil. [1] For this machine we can plant different types and different sizes of seeds also we can vary the space between two seeds while planting. This also increased the planting efficiency and accuracy.

Methodology
 Survey Conducted → Feasibility and Requirements → Design → Prototyping → Manufacturing → Results → Evaluation → Testing → Assembly

Conclusions
 Innovative Seed sowing mechanism has remarkable influence in agriculture. By using this innovative project of seed sowing mechanism we can save more time required for sowing process and also it reduces lot of labour cost. It is very helpful for small scale farmers. After comparing the different method of seed sowing and limitations of the sowing machine, it is concluded that seed sowing machine can:

- Maintain row spacing and controls seed rate.
- Control the seed depth and proper utilization of seeds can be done with less loss.
- Perform the various simultaneous operations and hence saves labour requirement on an labour cost, labour time and also save lots of energy. Hence it is easily affordable by farmers. So we feel that this project serves something good for this world and we would like to present it before this auspicious world. [4]

Results
 The maximum distance between two simultaneous seeds sown is 22.5mm which is the circumference of our wheels. When the wheel rotates, it rotates the shaft on which it is mounted on. As our sower is attached to the shaft, the sower also rotates. At the same time our digger which is attached on the frame digs the soil for the seed to be sown. Simultaneously, the flattener will level the soil after the seeds have been sown.

References
 [1] https://www.researchgate.net/publication/324422003_Sowing_of_Zaibandias_of_Seed_Sowing_Machine
 [2] https://www.researchgate.net/publication/318888078_SOJAR_2016-20170101_MA101010
 [3] https://www.researchgate.net/publication/318888078_SOJAR_2016-20170101_MA101010
 [4] https://www.researchgate.net/publication/318888078_SOJAR_2016-20170101_MA101010

se_mini_project_2_194056 is present

"If agriculture goes wrong, nothing else will have a chance to go right in the country."
 -M. S. Swaminathan

2. Webinar- Training and Placement Session (Q&A)



Career in Difficult Times

"When everything seems to be going against you, remember that the airplane takes off against the wind, not with it."

- Henry Ford

Peter Drucker on Managing your Career

"Successful careers are not planned. They develop when people are prepared for opportunities because they know their strengths, their method of work, and their values."
— Peter F. Drucker, *Managing Oneself*



- ### Job Categories for Mechanical
- Application Engineer
 - Design Engineer
 - Design Maintenance Engineer
 - Equipment Engineer,
 - Mechanical Design Engineer
 - Mechanical Engineer,
 - Process Engineer,
 - Product Engineer
 - Project Engineer,
 - Test Engineer

- ### Recruitment Comparison
- | Campus | Off Campus |
|---------------------------------|---------------------------------|
| • Potential | • Performance |
| • Academic Record | • Previous Experience |
| • Strong Conceptual Knowledge | • Proven Track Record |
| • Ability to continuously learn | • Skill/Platform Based |
| • Communication Skills | • Ability to continuously learn |
| • Ability to work in team | • Communication Skills |
| | • Ability to work in team |

3. Webinar- Education in Germany

What to do After Engineering!
Master's

7:43 PM | qiw-fctq-cxx

DO I LIKE WHAT I AM DOING?

- CORE JOBS
- NON TECHNICAL JOBS
- GOVERNMENT EXAMS
- IT JOBS
- BUSINESS
- MASTERS

7:44 PM | qiw-fctq-cxx

MASTER'S

WHO SHOULD GO FOR MASTER'S?

- One who is interested to excel in the same field.
- Wants to upgrade his knowledge.
- Willing to study.

FINANCES SHOULD NEVER BE THE DECIDING FACTOR

WHO SHOULD NOT GO FOR MASTER'S?

- Wish to not be in the same field.

7:50 PM | qiw-fctq-cxx

Master's Abroad

Making the right choice

"Not so good reasons to go abroad"	"Good reasons to go abroad"
Earning money.	Opportunities.
Partying.	Intercultural competence.
It's Easy/ Less competition.	More Personal Freedom.
Expectations for bringing and staying with parents.	Networking.

8:10 PM | qiw-fctq-cxx

CANADA/US

- English Speaking country (No language barriers).
- Almost all courses in English.
- Higher cost than Europe.
- Easy immigration and Citizenship rules.
- Can easily move between US and CANADA.
- Wider range of English courses.
- Amazing research opportunities.
- High Quality of Life.
- 1-2 years of stay back option.
- Lower taxes compared to Europe.
- Bring your parents and Grand Parents on sponsor Visa (Canada only).
- PR in 3 years.
- More International environment.
- Larger scholarship opportunities.
- Easy cultural integration.

8:12 PM | qiw-fctq-cxx

European Lifestyle Reality!

- STRICT WORKING CULTURE
- SOCIALIZATION IN EVENTS
- HIGH TAXES AND SOCIAL CONTRIBUTIONS
- PUNCTUALITY IS PRIORITY
- RIGIDLY STRICT RULES
- HELP YOURSELF MENTALITY
- LANGUAGE

8:29 PM | qiw-fctq-cxx

DOCUMENTS REQUIRED TO APPLY

- Statement of Purpose.
- Letter of Recommendation.
- Transcript.
- CV.
- IELTS score.
- GRE score (not mandatory).
- ECTS form or Curricular Analysis.

8:43 PM | qiw-fctq-cxx

Where to Apply?

Uni-Assist website.

- For first application the Fee will be 75 € and for rest all Applications it will be 30 €
- Every course has a different deadline, so please keep a track of the same.

University Website.

- Application Fee will vary from university to university.
- Every course has a different deadline, so please keep a track of the same.

8:57 PM | qiw-fctq-cxx

4. Workshop- Product Design and Modelling

St. Francis Institute of Technology
Department of Mechanical Engineering
SKILL DEVELOPMENT CELL



Starting Date:
28th June
2021

WORKSHOP ON PRODUCT DESIGN & MODELLING (USING SOLIDWORKS)

Objective of Course: To give students essentials necessary to become a certified SOLIDWORKS Associate

COURSE OUTCOMES

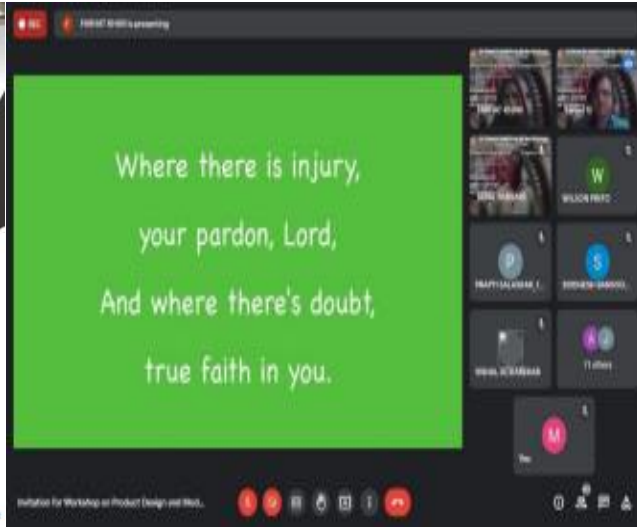
- Students will be able to create 3D solid models.
- Create 3D assemblies incorporating multiple solid models.
- Apply standards of GD&T in the preparation of technical mechanical drawings.

Co-Ordinators
Mr. Sanjay Ghaskatta
Mr. Siddharth Saindane

Duration of Course
30 Hours

ALL SUCCESSFUL CANDIDATES WILL RECEIVE A CERTIFICATE FROM THE DEPARTMENT

LINK FOR REGISTRATION: <https://forms.gle/Bv6aAe15YLqsmKy68>



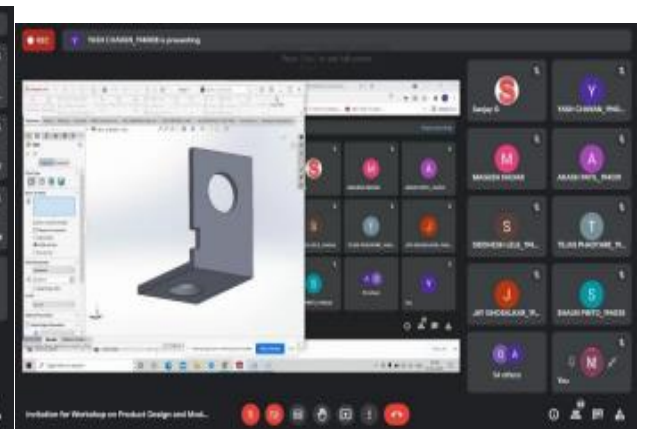
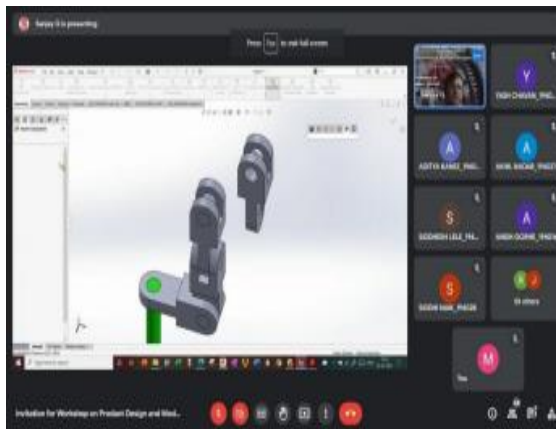
Where there is injury,
your pardon, Lord,
And where there's doubt,
true faith in you.



Concentricity

- Concentricity defines the location of cylindrical features about an axis of rotation.
- Concentricity is normally applied to flats or round features that are required to rotate around a datum axis.
- It is a time and resource-intensive verification process which is easily avoided by a simple mathematical analysis.
- Concentricity is a condition where the median points of all diametrically opposed elements of a feature of revolution around an axis coincide with the axis of a datum feature of revolution.

Important Note: It is very difficult to measure concentricity in a laboratory.



5. Competition- MIT Autosport's Equilibrium 2021

6. Competition- Indian Kart Racing Championship (IKRC) 2020



DEPARTMENT OF ELECTRICAL ENGINEERING

A. STUDENT ACTIVITIES

Workshops Conducted/Attended, Technical Events/Competition, Project Competition/Exhibition

Sr. No	Event Date	Title of Workshop/ Event Name	Class/ Sem/ Div	Venue	No. of students attended the workshop	Conducted/ Attended/ Participated	Professional Body Associated
1	21/06/2021-26/06/2021	30 hrs course on machine learning and IOT	TE and SE Electrical	Google meet	128	attended	Electrical department,SFIT
2	16/04/2021	National level Project and er competition-AVISHKAR	SE Electrical		4	Participated	Electrical Department & Institution of Engineers India (IEI) Students' Chapter, Fr. C.Rodrigues Institute of Technology, Vashi
3	May 14th 2021	Vidyavardhini's al Project show se(VNPS)2021	TE Electrical		4	Participated	Vidyavardhini College of Engineering and Technology Vasai.
4	29-30 April 2021	National level online ct competition-XZIBIT 2021	TE Electrical		4	Participated	IETE& CSI student chapter, KC COE and Management and research. Thane

Sr. No	Event Date	Title of Workshop/ Event Name	Class/ Sem/ Div	Venue	Conducted/ Attended/ Participated	Professional Body Associated
1.	16-04-21	AVISHKAR (Competition)	SE ELEC	Google meet	Chinmay Pawar (Participated)	FCRIT
2.	April 29- 30, 2021	Xzibit (Competition)	SE ELEC	Google meet	Chinmay Pawar (Participated)	KCCOE
3.	16-04-21	AVISHKAR (Competition)	SE ELEC	Google meet	Kaustubh More (Participated)	FCRIT
4.	April 29- 30, 2021	Xzibit (Competition)	SE ELEC	Google meet	Kaustubh More (Participated)	KCCOE
5.	March 6th 2021	National Level Maths Quiz	SE ELEC	Zoom Meet	Janhavi Ajit Kashikar. (Participated)	Pillai College of Engineering
6.	April 17th 2021	Technical paper presentation	SE ELEC	Zoom Meet	Janhavi Ajit Kashikar. (Participated)	ST. John College Of Engineering. (Palghar)
7.	January 17th 2021	Prepare for GATE (webinar)	SE ELEC	Google Meet	Janhavi Ajit Kashikar	SFIT
8.	February 27th 2021	BYJU'S Career Lab (webinar)	SE ELEC	Google Meet	Janhavi Ajit Kashikar	SFIT
9.	April 16th 2021	AVISHKAR (Competition)	SE ELEC	Google meet	Kabir Ohekar (Participated)	FCRIT

10.	April 29-30, 2021	Xzibit (Competition)	SE ELEC	Google meet	Kabir Ohekar (Participated)	KCCOE
11.	January 19-February 12, 2021	Embedded System Design, GUI & TI-RTOS	SE ELEC	Zoom	Kabir Ohekar (Attended)	EdGate Technologies Pvt Ltd
12	January 19-February 12, 2021	Embedded System Design, GUI & TI-RTOS	SE ELEC	Zoom Meet	Adriel Furtado	EdGate Technologies Pvt Ltd
13.	16-04-21	AVISHKAR (Competition)	SE ELEC	Google meet	Mohan Chipkar (Participated)	FCRIT
14.	April 29-30, 2021	Xzibit (Competition)	SE ELEC	Google meet	Mohan Chipkar (Participated)	KCCOE
15	21-03-21	Robocon Stage 1 (Team RAW, Competition)	SE ELEC	DD National	Chinmay Pawar (Participated)	IIT Delhi
16	21-03-21	Robocon Stage 1 (Team RAW, Competition)	SE ELEC	DD National	Kaustubh More (Participated)	IIT Delhi
17	18-03-21	Best Grounding Practices (Webinar)	SE ELEC	Google meet	Chinmay Pawar (Attended)	High Voltage Division Central Power Research Institute Bengaluru
18	18-03-21	Cod mobile competition	SE ELEC		KUSH CHAUDHAR (Participated)	SFIT

19	01-03-21	IIEC RISE PYTHON PROGRAM	SE ELEC	YOUTUBE	KUSH CHAUDHAR (attended)	
20	17-04-21	THE CAREER TOOLKIT (webinar)	SE ELEC	GOOGLE MEET	SANIA KHATRI (ATTENDED)	SFITXCSI
21	06-03-21	NATIONAL LEVEL MATHS QUIZ	SE ELEC	GOOGLE MEET	SANIA KHATRI (participated)	PILLAI COLLEGE OF ENGINEERING
22	30-04-21	VIRTUAL INDUSTRIAL VISIT (webinar)	SE ELEC	GOOGLE MEET	SANIA KHATRI (attended)	IEEE BOMBAY
23	January 19- February 12, 2021	Embedded system design, GUI & RT-TIOS	SE ELEC	ZOOM MEET	Pranay Dhumale	EdGate Technology PVT LTD.
24	June 27- July 11, 2020	Workshop participation on spring boot frameworks in JAVA	SE ELEC	Google meet	Pranay Dhumale	SFI
25	Apr 16 2021	AVISHKAR (Competition)	SE ELEC	Google Meet	Anish Vedant (Participated)	FCRIT
26	February 27th 2021	BYJU's LIVE Satellite Seminar (webinar)	SE ELEC	GoToWebinar	Kabir Ohekar (Attended)	SFIT

Workshop/Seminar/STTP/TEQIP Attended by faculty:

Name of Faculty	No of Workshop/Seminar/webinar/STTP/TEQIP Attended during March 2021-September 2021
Ms Megha Fernandes	1
Ms. Misbah Khan	6
Mr. Pratik Rahate	1
Ms. Josna Jose	3
Mr. Mohd Adil Sheikh	1
Dr Ragini Meshram	1
Ms. Varsha Thandasary	2
Ms. Amisha Joshi	1
Ms. Jisha Satheesh	2

Teachers attending professional development programs of 5 days or more

Sr No	Name of faculty	Title of the professional development program	Date and Duration (from – to)
1	Dr. Mohd Adil Sheikh	Faculty Development Program (FDP) on “Machine Learning” conducted by EICT Academy- IIT, Kanpur	5 April 2021 to 10 April 2021

2	Ms. Varsha Thandassary	Research initiatives in advanced control systems	22-02-2021 to 26-02-2021
3	Ms. Varsha Thandassary	Faculty development programme on Python	24/05/2021-29/05/2021

Departmental Activities

Sr. No.	Name of the Workshop/Seminar/STTP	Date	No. of days	No. of participants	Resource Person details	Venue Details
1	Electric Vehicle Technology	06/03/2021 - June 2021	15	58	Ms Kavita Kiran Prasad PMRF Awardee, Research scholar, IIT, Bombay	Google meet
2	Recent Trends and Research Opportunities in Electrical Engineering: A multidisciplinary approach	24/04/2021	1	60	Dr Mohd Adil Sheikh, Assistant Professor, Electrical dept, SFIT	Google meet
3	30 Hrs course in Machine learning and IoT	21/06/2021 - 26/06/2021	5	128	Ms Amrita Mathur Asst Professor Dept Of Information technology SFIT, Borivali Mr Rupesh Mishra	Google meet

					<p>Asst Professor</p> <p>Dept of Computer Engineerig</p> <p>SFIT, Borivali</p> <p>Dr Prachi Raut</p> <p>Professor</p> <p>Dept Of Information technology</p> <p>SFIT, Borivali</p> <p>Dr Mohd Adil Sheikh</p> <p>Asst Professor</p> <p>Dept of Electrical</p>	
4	SPARKZZ Mini Project competition	15/05/2021	1	60	<p>Mr.Sunil Pansare</p> <p>Ms. Dakshata Panchal</p> <p>Ms. Rekha Ajikumar</p> <p>Mr. Santhosh Chapneri</p>	Google meet

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DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

Name of the Faculty	Course Organizer	Course Details (Course duration, title, Grade)
Jovita Serrao	Thakur College of Engg and Tech	AICTE-AQIS sponsored One-week STTP on "Moral Values, Ethics and Behavioural Science"

Invited talks

Workshop/Seminar/Conference Conducted

Sr. No.	Name of the Faculty	Title of Workshop/Seminar/Conference	Organizing Body
1	Jovita Serrao	TEDxSFIT	TEDxSFIT
2	Dr. Anjali Chaudhari	Virtual Lab Session (online Mode) on 'Patch Antenna'	VPPCOE & VA, Sion-Mumbai on 22/04/2021
3	Dr. Kevin Noronha	Webinar on NPTEL/SWAYAM certification courses for engineering students	NDLI, SFIT on 6th July 2021

Workshop/Seminar/Conference Attended

Sr. No.	Name of the Faculty	Title of Workshop/Seminar/Conference	Organizing Body
1	Ms. Snehal Lopes	One week FDP on Machine Learning	E & ICT Academy, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur)
2		Two week FDP on data Science	E & ICT Academy, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur)

3		AICTE Sponsored One Week STTP on Telecommunication Networks	AICTE Sponsored One Week Online Short Term Training Program Approval No. 34-65/2/RFID/STTP/Policy-1/2018-19
4		One week FDP on Python	E & ICT Academy, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur)
5		AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “One week online faculty development program on “Electric Vehicles””.	ALL INDIA COUNCIL FOR TECHNICAL EDUCATION Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070 AICTE Training And Learning (ATAL) Academy
6	Dr. Kevin Noronha	A Webinar on "Preparation of AQAR, IIQA and SSR for Revised Assessment and Accreditation"	Jnan Vikas Mandal's Degree College
		A Webinar on ""Effective documentation for teachers (as per NAAC perspective)"	G.N. College, Narangwal
7	Ms Monika Cheema	One week STTP on Machine Learning	E & ICT Academy, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur)
		AICTE Sponsored One Week STTP on Telecommunication Networks	AICTE Sponsored One Week Online Short Term Training Program Approval No. 34-65/2/RFID/STTP/Policy-1/2018-19

DEPARTMENT OF FIRST YEAR ENGINEERING

Student Induction Program 2020-21

Universal Human Values

In All India Council for Technical Education's 49th meeting of the Council held on 14th March 2017; it approved a package of measures for further improving the quality of technical education in the country. Articulated in the AICTE Model Curriculum, one of the key measures is the incorporation of education on human values. In the three-week Student Induction Program (SIP, Universal Human Values (UHV) is one of these mandatory measures.

The Basic Science and Humanities department, First Year Engineering (FE) realizes the importance of the initiative and has been trying to conduct the SIP _UHV in the most effective manner possible. Given our experience with UHV last year as well as this time, we've observed quite a few pertinent points.

While last year we got to interact with students offline with much involvement from all faculty and senior students, this year brought new challenges by leaving us no options but to go online with the Induction as well as the sessions.

While going online was a challenge, we had many positives working in our favour. As compared to last year we had more faculty trained and hence eligible to conduct UHV sessions for our students. With more faculty taking interest in not only conducting the session but also encouraging students to speak their minds during the sessions, the result was an effective UHV experience.

We were prepared for the UHV journey. We conducted the UHV in two phases as the admissions were delayed. For the FE 1 and FE 2 classes, UHV was conducted from 19 Jan – 30 Jan 2021 and for the rest of the classes namely, FE 3, FE 4, FE 5, FE 6 and FE 7 the sessions were conducted from 2 Feb - 9 Feb 2021.

The UHV trainers involved were

FE 1 – Ms Deepa Panakkal and Ms Rekha Ajikumar

FE 2 – Mr. Paul Fernandes, Mr. M.K. Bysani and Mr. Praveen Kurien

FE 3 – Ms Deepa Panakkal

FE 4 – Ms Rekha Ajikumar

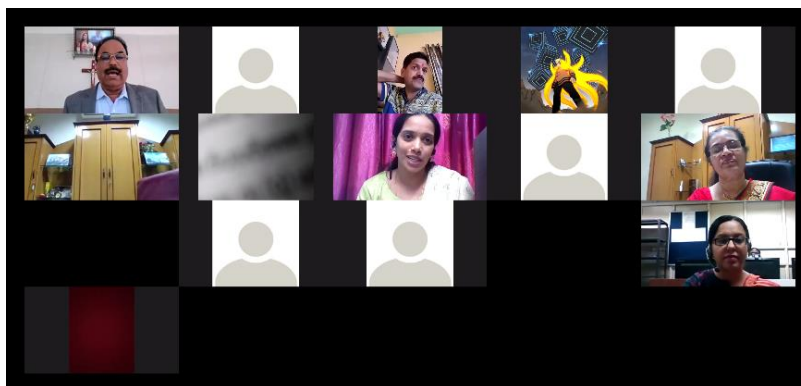
FE 5 – Mr. Praveen Kurien

FE 6 – Mr. Yunus Dalal

FE 7 – Mr. Paul Fernandes

Apart from UHV, several other activities were also conducted under SIP 2021. The Student Induction Programme was also conducted for all the students of First-Year Engineering on Saturday, 27 February 2021 From 2:20 - 4:30 PM. This was conducted by Scientific Jugaadfunda Innovations in association with Maharashtra Chamber of Commerce, Industry & Agriculture (MACCIA) as per AICTE Guidelines. Online First Year Student Orientation Programme conducted on 20 February 2021 at 4:00 pm for students and parents of newly admitted first year students. Library Orientation conducted online for all students of First year Engineering on 17 - 18 February 2021. Entrepreneurship Cell Day program conducted for all students of First year Engineering by E-CELL SFIT on 13 February 2021 from 10:00 to 11:30.

FE Orientation Programme - 2020-2021



Due to the COVID-19 pandemic situation, the First Year Engineering Student Orientation

Programme 2020 was conducted on the online platform of Zoom by the Department of Basic Sciences and Humanities on Saturday, 20 February 2021 at 4:00 pm. The Orientation aimed at familiarizing students and their parents with the curriculum, exam pattern, rules and regulations of the college. With Semester-I starting in January 2021, this Orientation Program became vital to solving all the queries and doubts of the First Year students and their parents.

The dignitaries for the programme were: Our Director, Bro. Jose Thuruthiyil; Deputy Director, Bro. Vijaykumar Pereira; Financial Administrator, Bro. K. C. Joseph; Member of Executive Committee and Governing Council, Mr. Albert D'Souza; Principal, Dr. Sincy George; FE Coordinator, Dr. Poonam Hemnani; Training and Placement Head, Mr. Wilson Pinto; all the Deans and Heads of the Departments. The program was hosted by Ms. Deepa Panakkal.

The program was followed by a motivational talk by Mr. Albert D'Souza imparting valuable life lessons while focussing on perseverance, accountability and dedication required by students to reach success. He also talked about the competencies involved in the making of a successful engineer, which are problem-solving skills, logical skills, application skills, and thinking skills. He asked students to remove the word 'difficult' from their dictionary and focus on the importance of regular attendance and punctuality throughout college life. He also motivated students to enhance their technical knowledge, communication skills and value ethics during their journey of four years at SFIT.

Prayas 2021

Prayas 2021 was an epoch-making event in more ways than one! Not only was it the very first time the entire event was conducted online, it was also one that saw the participation of 50 students representing 7 different subjects. The Basic Science and Humanities department, as a whole, did not let the constraints of the Covid-19 lockdown affect the annual tradition of Prayas in any way.

The event was conducted on 19th of June 2021, from 10:00 am to 2:00 pm. The chief-guest for this year was none other than our very own alumni, Mr. Rohan Asthana, who is now the founder of Onbac, an IT consulting and services company, based in Mumbai. He is also part of the Departmental Advisory Board for IT at SFIT. Hearing our own protege share his experiences of how college shaped him and guided him on the path of success that he is on now, filled us with a renewed sense of warmth and pride for our Institution.

Prayas 2021 was effectively organized by the entire FE department, led by the FE Coordinator, Dr. Poonam Hemnani. The event wouldn't have been a success, without the Coordinators, Ms. Rekha Ajikumar and Ms. Grishalda D'souza, along with the co-coordinator Ms. Arti Bhatnagar. It was backed by both the teaching and non-teaching staff of the FE. We also had a team of 5 student volunteers who handled video editing, along with 4 comperes who ensured the event's smooth transition.

This year, we had 2 groups of projects from all of the 7 subjects - 14 project presentations by 50 participants in all! In order to ensure the smooth running of all presentations, the project groups were divided into 3 Google Meet rooms, each presided by the subject experts and faculty in-charge. A special thanks to our subject experts Mr. Bysani Malakondaiah, Dr.C. Hariprasad, Dr. Deepak Jaiswal and Ms. Bidisha Roy for their detailed comments and suggestions for improvement to each of the project groups. Each of the presentations were pre-recorded and compiled by our 5 student volunteers. These were presented in the 7 classes so that none of the students would miss out on the valuable projects.

You tube link for all FE Classes to view the video presentation of all the projects:

<https://www.youtube.com/watch?v=8MliNv8rVgE>

Gallery: on click can show pictures/videos:

<https://drive.google.com/drive/folders/11uKEwIjEqmkuHLdBlqnHWioGpBPz3ZCk>

FACULTY INDUCTION PROGRAM 2021

A Report

Description:

The three-day online Faculty Induction Programme 2021 was aimed at training the new faculty to enhance their teaching learning process. It was focused on three major aspects: familiarization with the institution and its important processes, learning how to motivate students, and enhancing teaching skills to become an inspiring teacher.

A myriad of sessions were conducted over three days to help the new faculty members to learn the mechanisms of online as well as classroom teaching. They also learned several self-assessment techniques, concepts of programme and course outcomes, etc.

Day 1:

www.sfit.ac.in

The FIP 2021 began on 31 July 2021 Saturday, 10 am with the Inaugural function where Director Bro Jose Thuruthiyil and our Principal Dr. Sincy George addressed the audience. A motivational and informative session was then conducted by the Chief Guest, Dr. Baylon Fernandes, on “Higher Engineering Education-A Teacher’s Perspective”, where he highlighted the role of a teacher in today’s changing classroom education.

The second session of the day was on “Pre –microteaching” conducted by Ms. Preethi Colaco where the participants were familiarised with the methods and skills of teaching effectively.

The third session was on “Adolescence psychology” by our counsellor Dr. Merle Coutinho wherein the teachers were guided to be a good facilitator-cum-mentor.

The first day ended with a session on “ISO awareness” conducted by Mr. Francis D’souza. The session included the Institute’s Vision and Mission, Governance, Statutory & Regulatory bodies requirements needed for ISO 9001-2015 certification along with an explanation of quality policy.

Day 2:

The first session was on “Real mechanics of classroom teaching & different platforms for online teaching” by Dr. Nitika Rai where the participants were guided about the planning of sessions and making time for active learning. Essential steps for outcome-based education and different tools and techniques for online teaching were also discussed.

The second session was on “Self- assessment techniques and 360-degree feedback” by Dr. Joanne Gomes in which the objectives of 360-degree feedback and its benefits were highlighted. The participants were also familiarized with the various feedback parameters.

The third session was on “Familiarization with IQAC” by Ms. Deepa Panakkal where the role and purpose of Internal Quality Assurance Cell were explained providing a broader perspective on various initiatives and relevant documentation.

The fourth session by Dr. C. Hariprasad was on “Introduction to the Course file”. This session helped the participants to get acquainted with various elements of the course file and to understand the importance of detailed planning for an effective teaching learning process.

The last session for the second day was on “Question paper setting & analysis” By Dr. Gautam Shah where he discussed the steps required to set a quality paper for appropriate evaluation of the students in all the areas of learning.

Day 3:

The third day of FIP began with a session by the Principal, Dr. Sincy George on “Concepts of programme outcomes and course outcomes” The participants were acquainted with concepts of POs and COs, making sure they gained clarity of approach for effective planning and execution in teaching.

The concluding session of the day was on “Post-microteaching” conducted By Ms. Preethi Colaco. The participants gave a demo of their teaching techniques and to enhance their skills, individual feedback was provided by all the resource persons and their fellow participants.

The FIP 2021 ended with a valedictory session where the FIP Coordinator appreciated the efforts made by the entire team, and few participants also gave their precious feedback.

DEPARTMENTAL ACTIVITIES

Faculty Achievements:

1. Ms. Deepa Panakkal published a book of poems named 'Treasured Verbalizations: Experiences and Life Lessons Shared', published by Notion Press on 19 October 2021.
2. Ms. Deepa Panakkal conducted a session on "Read Effectively" for students of St. Francis Institute of Technology by SFI -National Digital Library of India (NDLI) Club, on 15 May 2021
3. Ms. Deepa Panakkal, Ms. Neha Agnihotri and Mr. Praveen Kurien conducted 'Soft Skills Development Program' for Third Year Students conducted from 26 March 2021 to 27 April 2021.
4. Ms. Deepa Panakkal and Ms. Neha Agnihotri served as judges at the technical debate 'Mindclash 2.0' organized by the SFIT student branch of IEEE Bombay section on 11 April, 2021.

FACULTY ACTIVITIES

Workshop/Seminar/STTP/ Attended by faculty

Sr. No.	Name of the Person	Name of the Workshop/Seminar/STTP	Date	No. of days	Professional Body associated (if any)	Venue Details
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1	Ms. Rekha Ajikumar	Suicide Prevention Awareness	1 May 2021	1	SFIT-NSS and Sister Living works	Online
2	Ms. Neha Agnihotri	Faculty Development Program on 'Inculcating Universal Human Values in Technical Education'	1 Feb to 5 Feb	5	AICTE	Online
3	Ms Deepa Panakkal	Professional development webinar on “Proficiency and Pedagogy: Their Role in Developing ELT Practices”	20 June 2021	1	English Language Teachers’ Association of India	Online
4	Ms Deepa Panakkal	National webinar on “Feedback, SSS, Best Practices and Distinctiveness”	19 May 21 May 2021	3	IQAC Cluster India, White code	Online

STUDENT ACTIVITIES

Participation in Co-Curricular Activities

Sr. No	Student’s Name	Class/ Sem/ Div	Event Name	Event Date	Professional Body Associated	Venue
1.	Nathen Carneiro	FE 1/ Sem 1	Entrepreneurship Day (E-DAY)	13/02/2021	E-CELL SFIT	Online
2	Nathen Carneiro	FE 1/ Sem 1	MACCIA	27/02/2021	Scientific Jugaadfundu	Online
3	Rushikesh Ravindra Borakhede	FE 1/ Sem 1	Entrepreneurship Day	13/02/2021	E-Cell SFIT	Online
4	Rushikesh Ravindra Borakhede	FE 1/ Sem 1	E-Cell Webinar on illustrator	14/02/2021	E-Cell SFIT	Online

5.	Alarik Correa	FE 1/ Sem 1	Entrepreneurship Day(E-Day)	13/02/2021	E-cell SFIT	Online
6.	Alarik Correa	FE 1/ Sem 1	MACCIA	27/02/2021	Scientific Jugaadfunda	Online
7	Alarik Correa	FE 1/ Sem 1	E-Cell Webinar on Illustrator	14/02/2021	E-Cell SFIT	Online
8	Reuel Amin	FE 1/ Sem 1	Entrepreneurship Day	13/02/2021	E-Cell SFIT	Online
9	Reuel Amin	FE 1/ Sem 1	E-Cell Webinar on illustrator	14/02/2021	E-Cell SFIT	Online
10	Reuel Amin	FE 1/ Sem 1	MACCIA	27/02/2021	Scientific Jugaadfunda	Online
11	Reuel Amin	FE 1/ Sem 1	Ethical Hacking	09/03/2021	E-C Council	Online
12	Lincia Dsouza	FE 1/ Sem 1	Entrepreneurship Day	13/02/2021	E-Cell SFIT	Online
13	Lincia Dsouza	FE 1/ Sem 1	E-Cell Webinar on illustrator	14/02/2021	E-Cell SFIT	Online
14	Lincia Dsouza	FE 1/ Sem 1	MACCIA	27/02/2021	Scientific Jugaadfunda	Online
15	Melvina Tulji	FE 1/ Sem 1	Ecell Entrepreneurship	13/02/2021	E-CELL SFIT	Online
16	Melvina Tulji	FE 1/ Sem 1	MACCIA	27/02/2021	Scientific Jugaadfunda	Online
17	Melvina Tulji	FE 1/ Sem 1	Pragati webinar on industrial Training	04/03/2021	E-Cell SFIT	Online
18	Yash Chourasia	FE 1/ Sem 1	Ecell Entrepreneurship	13/02/2021	E-CELL SFIT	Online

19	Yash Chourasia	FE 1/ Sem 1	MACCIA	27/02/2021	Scientific jugaadfunda	Online
20	Yash Chourasia	FE 1/ Sem 1	Pragati webinar on industrial Training	04/03/2021	E-Cell SFIT	Online
21	Krutika Chaudhari	FE 1/ Sem 1	Ecell Entrepreneurship	13/02/2021	E-CELL SFIT	Online
22	Krutika Chaudhari	FE 1/ Sem 1	MACCIA	27/02/2021	Scientific Jugaadfunda	Online
23	Krutika Chaudhari	FE 1/ Sem 1	E-Cell Webinar on illustrator	04/02/2021	E-CELL SFIT	Online
24	Onil Dsouza	FE 1/ Sem 1	Ecell Entrepreneurship	13/02/2021	E-CELL SFIT	Online
25	Onil Dsouza	FE 1/ Sem 1	MACCIA	27/02/2021	Scientific Jugaadfunda	Online
26	Joston Movin John Dsouza	FE 1/ Sem 1	Ecell Entrepreneurship	13/02/2021	E-CELL SFIT	Online
27	Joston Movin John Dsouza	FE 1/ Sem 1	Ecell Webinar on Illustrator	14/02/2021	E-CELL SFIT	Online
28	Joston Movin John Dsouza	FE 1/ Sem 1	MACCIA	27/02/2021	Scientific Jugaadfunda	Online
29	Joston Movin John Dsouza	FE 1/ Sem 1	Ethical Hacking	09/03/2021	E-CELL COUNCIL	Online
30	Mahendra Lohar	FE 4/ Sem 1	Basic of graphic designing	14/ 02 /21	SFIT E-CELL	Online
31	Mahendra Lohar	FE 4/ Sem 1	MACCIA	27/02/2021	Scientific Jugaadfunda	Online
32	Mahendra Lohar	FE 4/ Sem 1	Entrepreneurship day	13/02/2021	SFIT E- CELL	Online

33	Riya kadam	FE 4/ Sem 1	Entrepreneurship day	13/02/2021	SFIT E-CELL	Online
34	Ujwal Katariya	FE 4/ Sem 1	Entrepreneurship day	13/02/2021	SFIT E-CELL	Online
35	Ujwal Katariya	FE 4/ Sem 1	Digital graphics	14/02/2021	SFIT E-CELL	Online
36	Ujwal Katariya	FE 4/ Sem 1	Behind the layers	18/03/2021	Team CSI	Online
37	Ujwal Katariya	FE 4/ Sem 1	Code catalyst - Django	01/05/20201	Codex	Online
38	Dheeraj Naik	FE 4/ Sem 1	Basic of graphic designing	14/ 02 /21	SFIT E-CELL	Online
39	Dheeraj Naik	FE 4/ Sem 1	Entrepreneurship day	13/02/2021	SFIT E-CELL	Online
40	Manasi Madkar	FE 4/ Sem 1	Entrepreneurship day	13/02/2021	SFIT E-cell	Online
41	Kalpesh Kadam	FE 4/ Sem 1	Entrepreneurship day	13/02/21	SFIT E-CELL	Online
42	Kalpesh Kadam	FE 4/ Sem 1	MACCIA	27/02/21	Scientific Jugaadfunda	Online
43	Harsh Doshi	FE 5/ Sem 1	Campus Ambassador(inter nship)	14/04/2021 to 21/04/2021	Last Moment Tutions	Online
44	Harsh Doshi	FE 5/ Sem 1	Entrepreneurship Day(E-DAY)	13/02/2021	E-CELL SFIT	Online
45	Harsh Doshi	FE 5/ Sem 1	MACCIA	27/02/2021	Scientific Jugaadfunda	Online
46	Suzanne Corda	FE 1/ Sem 2	30 hour C to Java workshop	18/08/2021	SFIT	Online

47	Suzanne Corda	FE 1/ Sem 2	Prayas 2021	19/06/2021	SFIT	Online
48	Yash Chourasia	FE 1/ Sem 2	30 hr C to java workshop	18/08/2021	SFIT	Online
49	Yash Chourasia	FE 1/ Sem 2	Prayas 2021	19/06/2021	SFIT	Online
50	Rhea Pinto	FE 1/ Sem 2	30 hours C to Java Workshop	18/08/2021	SFIT	Online
51	Yash Nayak	FE 2/ Sem 2	30 hour c to java workshop	18/08/2021	SFIT	Online
52	Dhanashree Wadaye	FE 2/ Sem 2	30 hour java skill program	18/08/2021	SFIT	Online
53	Jayesh Kapgate	FE 2/ Sem 2	30 hours C to Java workshop	18/08/2021	SFIT	Online
54	Damayanti Sanjay Patil	FE 2/ Sem 2	30 hours C to Java workshop	18/08/2021	SFIT	Online
55	Linette Pereira	FE 2/ Sem 2	Prayas	19/06/2021	SFIT	Online
56	Chryselle Barreto	FE 2/ Sem 2	30 hour java skill program	18/08/2021	SFIT	Online
57	Celine John Philip	FE 2/ Sem 2	30 hour java skill program	18/08/2021	SFIT	Online

58	Aditi Anand Poudwal	FE 2/ Sem 2	30 hour java skill program	18/08/2021	SFIT	Online
59	Siddesh Mishra	FE 3/ Sem 2	30 hour java skill program	18/08/2021	SFIT	Online
60	Ujwal Katariya	FE 4/ Sem 2	30 hour java skill program	18/08/2021	SFIT	Online
61	Ujwal Katariya	FE 4/ Sem 2	Prayas	19/06/2021	SFIT	Online
62	Lipika Parui	FE 1/ Sem 2	30 hours C to Java Workshop	18/08/2021	SFIT	Online
63	Ashwin Pillai	FE 1/ Sem 2	30 hours C to Java Workshop	18/08/2021	SFIT	Online
64	Latesh Billava	FE 4/ Sem 2	30 hours C to Java work	18/08/2021	SFIT	Online
65	Tejas Nibrad	FE 4/ Sem 2	30 hours C to Java workshop	18/08/2021	SFIT	Online
66	Tejas Nibrad	FE 4/ Sem 2	Prayas 2021	19/6/2021	SFIT	Online
67	Shravani Shete	FE 4/ Sem 2	Prayas 2021 Participation	19/6/2021	SFIT	Online
68	Yash.Patel	FE 4/ Sem 2	30 hours C to Java workshop	18/08/2021	SFIT	Online
69	Shashank Rai	FE 4/ Sem 2	Prayas 2021	19/6/2021	SFIT	Online
70	Sahil N Patel	FE 5/ Sem 2	30 hours C to Java workshop	18/08/2021	SFIT	Online

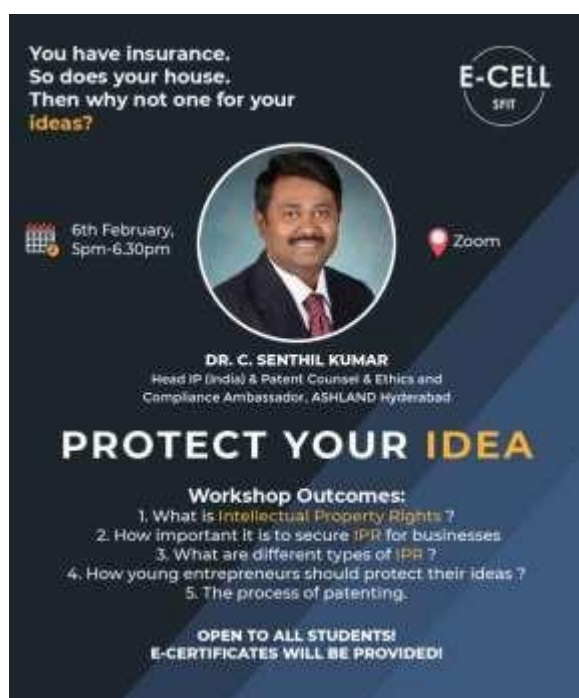
71	Harsh Sunil Gupta	FE 6/ Sem 2	30 hours C to Java workshop	18/08/2021	SFIT	Online
72	Abhishek Patel	FE 7/ Sem 2	30 hours C to Java workshop	18/08/2021	SFIT	Online
73	Priyanka Kambli	FE 7/ Sem 2	30 hours C to Java workshop	18/08/2021	SFIT	Online

FE Students Participation in Extra-Curricular Activities

Sr. No	Student's Name	Event Name	Class/Sem/Div	Achievement	College Name
1.	Rushikesh Ravindra Borakhede	AWS webinar on storage analysis	9 February 2021	Participant	AWS
2	Rushikesh Ravindra Borakhede	AWS webinar on IOT	10 February 2021	Participant	AWS
3	Manasi Madkar	Dance Competition -Talent Mania - SFIT	(21/02/2021)	Participant	Iris Fest-SFIT
4	Manasi Madkar	Singing Competition -Talent Mania - SFIT	(21/02/2021)	Participant	Iris Fest-SFIT
5	Ujwal Katariya	Kreative Korner - photography	10/04/2021	Participant	Iris Fest-SFIT
6.	Siddesh Mishra	Painting competition on world	05-06-2021	Participation	NSS SFIT

		environment day			
7.	Shruti Humbal	Essay writing competition "International day in support of the victim of torture "	26-06-2021	Participation	Pillai HOC college

E CELL



The second half of the A.Y. 2020-21, started with "Protect Your Idea" a webinar on IPR. Dr. C. Senthil Kumar - Head IP (India) & Patent Counsel & Ethics and Compliance Ambassador ASHLAND Hyderabad was the speaker of the session. Dr. Senthil covered following topics in this

webinar:ImportanceofIPR,TypesofIPRlikepatents,trademarks,tradesecrets,copyrights,how young entrepreneurs should protect their ideas, rules and regulations about IPRs in India, the process of patenting inIndia.

E-cell's overall coordinator Mr. Darren Noronha introduced the current E-Cell team consisting of 6 faculty members, 8 heads, 12 E-leaders and 13 advisors. Our advisor Mr. Mohak Jani carried forward the session while speaking about the focus of the E-CELL. Two of our alumni entrepreneurs Mr. Deric Karunesudas and Ms. Aditi Pawaskar were present to share their experience with the first-year students.



Graphic design is a craft where professionals create visual content to communicate messages. Of course, designers like Paul Rand, Saul Bass, Adrian Frutiger, Milton Glaser, David Carson and many more took graphic design to a whole new level. Graphic design now serves a crucial role in commerce, pop-culture, and many aspects of modern society. Keeping its growing demand in mind E-Cell SFIT conducted a webinar on graphic design for young entrepreneurs under its skill development program Udaan. The workshop was conducted virtually on 14th February 2021 where we received about 205 responses with active participants.

Mr. Jason Mendes and Mr. Bhavya Kavathi were the resource persons for this workshop. Mr Jason is a final year student in the department of Information Technology and also serves as an advisor at the SFIT E-cell. Last year, he held the post of Head of Photography. Mr. Bhavya is the final year student in Electronics and Telecommunication Engineering. Currently he serves as an advisor at the SFIT E-cell. Both instructors have worked not only for E-cell but on several other institute-level events and have immense knowledge in the field of photography and graphic designs. The workshop was hosted by Mr. Darren Noronha, Overall Co-ordinator of SFIT E-cell and a gifted graphic designer himself.

SFIT E-cell's flagship event PRAGATI was organized from 22nd March to 27th March 2021.

PRAGATI is a national level technical innovation and business plan competition. This year the event was conducted virtually on Zoom video conferencing platform. 45 teams participated in projects competition and 38 teams took part in



business plan competition. Apart from Maharashtra participants from Tamil Nadu, Kerala, New Delhi, Haryana, Himachal Pradesh and West Bengal competed for 7 prizes in different categories.



Elimination rounds were conducted from 22nd to 25th March 2021. On 26th March 2021,

inauguration ceremony took place along with the final round of projects competition. 18 projects were shortlisted for final round. On 27th March 2021, final round of business plan took place followed by the valedictory ceremony.

Two new features were added in PRAGATI this year, to give a wholesome virtual experience to the visitors. Virtual exhibition to showcase technical projects and live stream of projects on YouTube. Both of these are accessible at:

Virtual exhibition: <https://exhibition.ecellsfit.com/>

Projects livestream: <https://www.youtube.com/watch?v=eqGXcH4rnPM&t=410s>

There were four expert talks arranged on various days on various aspects of

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entrepreneurship. Following are the details of the same.

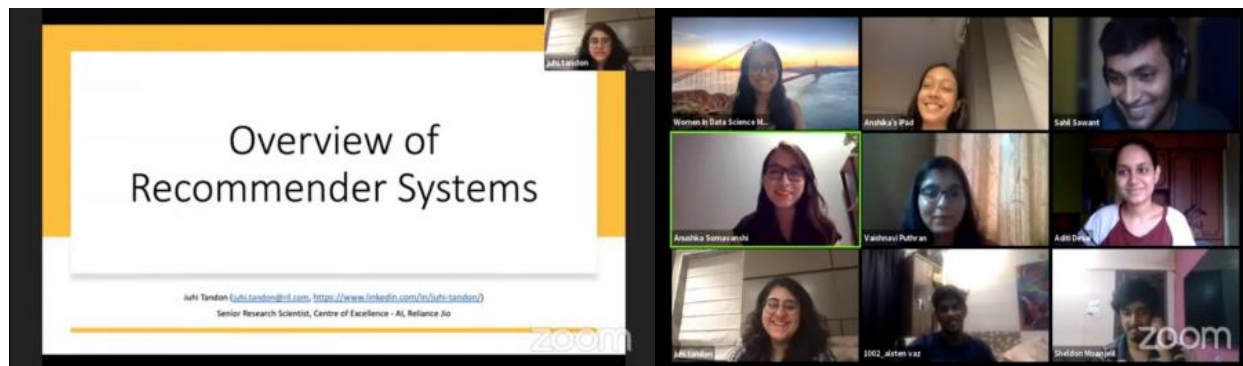
- On 22nd March Mr. S.K. Mohanty, Founder of Innovage Finance gave an expert talk about “Trend, Challenges and Opportunities for Tech Start-ups”.
- On 23rd March at Mr. Uday Birje, Founder of ThinStreet Technologies delivered a talk on “Innovation and Entrepreneurship Driving the Digital Economy”.
- Advocate Madhavan Srivatsan spoke about “Your Money, Your Business: Funding and Financing Your Fully Owned Business” on 24th March 2021.

- On final day of PRAGATI 2021, 27th March 2021, Mr. Wilson Pinto, Training and Placement Officer at St. Francis Institute of Technology, gave an enlightening talk on “Myths of Entrepreneurship”.

STUDENT CHAPTERS

IEEE – SFIT

Overview of Recommender Systems



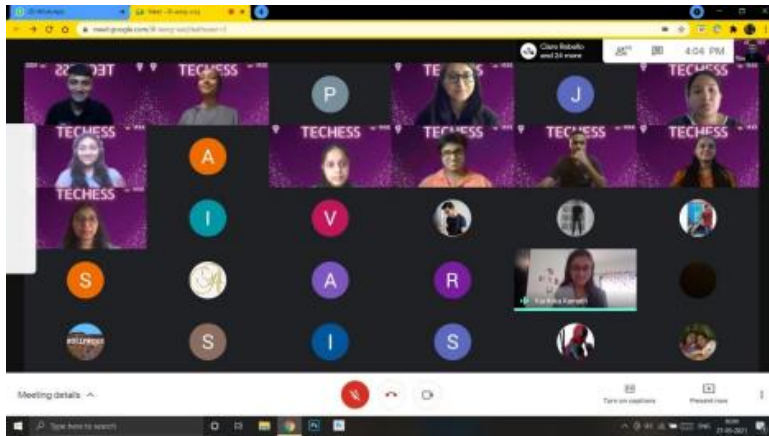
The TECHESS committee collaborated with Women in Data Science for their second workshop. The topic was “Overview of recommender systems” and the speaker for the event was Ms Juhi Tandon, who is working as a senior research scientist at Reliance Jio (Artificial Intelligence). The seminar was held on 24th April 2021 at 5:00 PM on the online video conferencing platform Zoom. The speaker addressed a crowd of 55 participants majorly from St. Francis Institute of Technology, Mumbai and various other colleges across India.

The seminar started sharp at 5:00PM by an introductory speech from Anushka Somavanshi, Vice Chairperson - Techess and Program Head, IEEE SFIT Student Branch. The workshop commenced shortly after a quick introduction of the speaker by herself and her field of work.

The speaker introduced the topic with Recommendation engine platform architecture and algorithm. Further she explained what is deep understanding of content and the user behaviours and how it helps to get detailed insights from processes and hence empower user cases. A number of techniques like document similarities, recommendations based on locations and knowledge graph methods that help platforms such as Jio and Netflix in collection, segmentation and analyzation of data were also discussed.

Data Driven Decision Making Workshop

IEEE SFIT Student Branch formed it's first ever female centric technical community "TECHESS". The first workshop organized under this community was on the topic of Data Driven Decision Making, to learn how successful companies build and launch successful products. The speaker for the event was Ms Karthika Kamath, who is an exceptional Data Scientist at Fractal. The seminar was held on 27th March 2021 at 4:00 PM on the online video conferencing platform Google Meet. The speaker addressed a crowd of 70 participants majorly from St. Francis Institute of Technology, Mumbai and various other colleges across India.



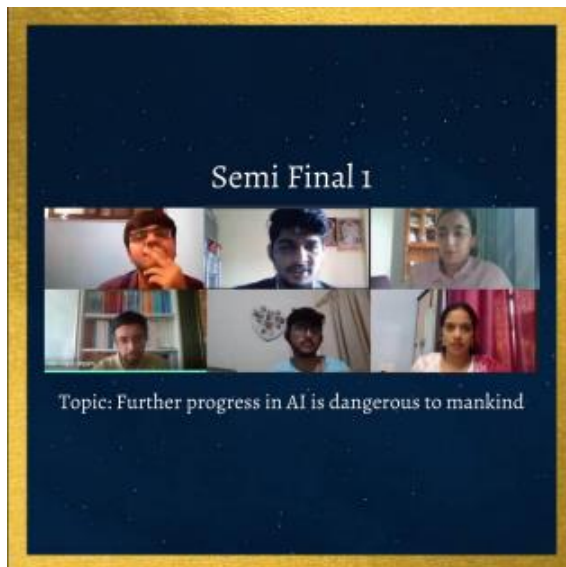
The seminar started sharp at 4:00PM by an introductory speech from Anushka Somavanshi, Vice Chairperson - Techess and Program Head, IEEE SFIT Student Branch. The workshop commenced shortly after a quick introduction of the speaker by herself and her field of work. Ms Karthika explained the theory of data visualization and how the process is set in motion. Further on she talked and elaborated on the Types of analysis, namely Qualitative and Quantitative Data Analysis, the various methods of analysis and their real time applications in the real world. She also illustrated how the visualized data is interpreted and used.

Once all the basic concepts were covered and everyone was acquainted with the same, the session moved on to be more hands-on. For this part of the session, we used the Google Data Studio platform. Using this platform we were able to visualize two different kinds of data sets-- 'Startup funding' and 'Country Population' with the help of pie charts, bar graphs, tables, donut charts, etc.

MindClash 2.0



IEEE SFIT Student Branch(ISSB) in association with IEEE Bombay Section organised an online intercollegiate competition, 'MindClash2.0'. This was a technical debate competition held to promote team spirit and critical thinking which will help debaters to hone their soft skills far beyond what can be learnt in any other setting. The event was held from 10th to 11th April 2021 on the Google Meet platform. Round 1 - StandOff was held on 10th April, Round 2 - MixNotMatch and Round 3 - TheShowDown took place the following day. There were 10 teams of 2 members each who registered from technical colleges from various parts of the country.

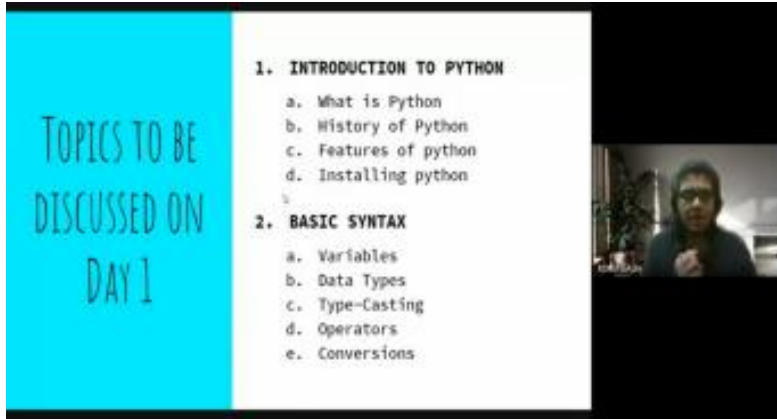


It also had a skilled panel of judges from various institutes and expertise. The judges for Day 1 were Dr. Joseph Rodrigues, Mr. Yash Kumthekar and Ms. Neha Agnihotri. Day 2 was judged by Mr. Tejas Shyam and Ms. Deepa Panakkal.

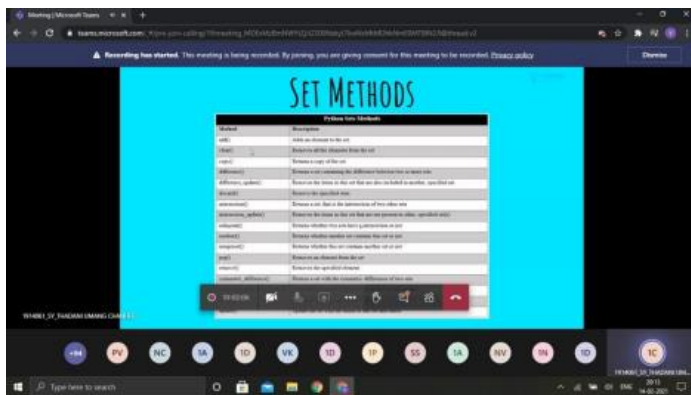
The commencement of day 1 took place at 14:00 hours. The host for day 1, Ms. Preksha Prakash (Program Team Executive, ISSB), welcomed the esteemed judges, enthusiastic participants and the lovely audience to the first round of MindClash2.0. The timer was managed by Mr. Shubham Pawar (Membership Head, ISSB) on both days.

IETE SFIT

Python Programming Course



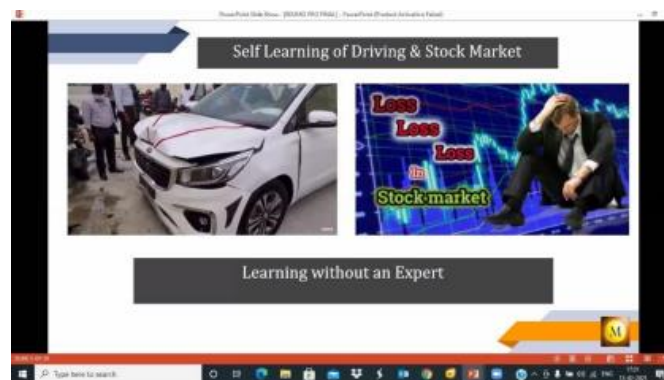
IETE SFIT in collaboration with **Team Synergy** conducted a 3 -weeks crash course on **Python Programming** starting from 13th of February, Saturday on 7 pm on Google Meet platform. The speakers “Mr. Mihir Patel” and “Mr. Umang Thadani” from **Team Synergy** conducted the seminar.



The webinar proceeded with a brief introduction of python programming language – basic syntax, types of data types, control structures, functions, and object-oriented language.

Learn And Earn from Stock Market

On 13th of February 2021 IETE-SFIT forum along with one of the top Indian i.e. Motilal Oswal organized a webinar to light on ‘Stock Market’. The webinar ‘Learn and Earn from Stock Market’ was members of IETE SFIT along with other from SFIT. The main task of IETE to spread awareness about state of the art technology used in industries.



student broking firm share some named attended by students members is

The webinar began at sharp 5pm. The webinar was presented by one of the top brokers from Motilal Oswald; Mr. Shivam Mandeliya. The session began with an interaction between the students and the presenter. Then students

were explained about the pros and cons of learning about market via self-learning and by learning under the guidance of a professional broker. Students were asked about their views on short selling, candle stick patterns, tickers and other technical and fundamental concepts involved in analyzing a stock.

ISTE SFIT

NATIONAL TECHNICAL PAPER PRESENTATION COMPETITION ORGANISED BY SFIT ISTE STUDENT CHAPTER

12th April 2021



Chief guest and Judge for the event:

Dr. R R Sedamkar (Director IQAC-NAAC)

Judge for the event:

Dr Ashok Dhale

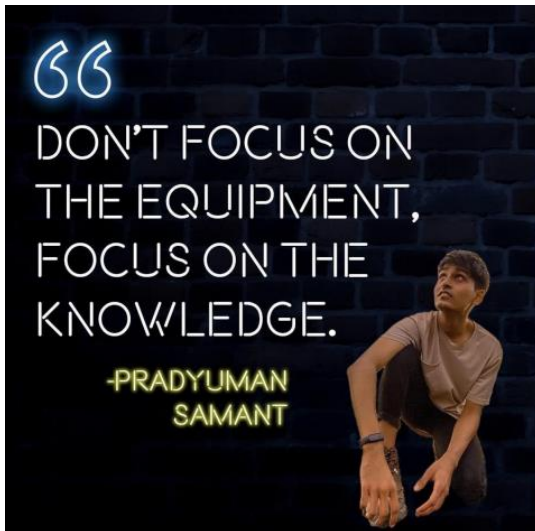
Date & time: 12th April,2021, Monday, 10-30 am to 1-30 pm.

When you perform research, you are essentially trying to solve a mystery—you want to know how something works or why something happened. Technical paper presentation competition translates into an opportunity to better understand a subject and encourages them to write research papers. 30 registrations from Maharashtra, Kerala, Tamilnadu, Gujarat were reviewed for plagiarism in the first round and 22 teams among them were shortlisted. In the second round, the papers were reviewed by teachers and professors from the respective domain and the final 10 papers were selected for the final competition.

It was a 3 hours competition where all the teams presented the idea of their research paper for 10 minutes each. All the teams presented the IEEE format and were given reviews on their paper. The teams were judged on the basis of presentation skills, technical content, theory, teamwork and clarity of topic.

The winners of the competition were Piyush Surkar, Shivam Sinha and Tejas Dayal from St Francis Institute of Technology, Mumbai. The 2nd prize was won by Syed Hamza Ali, Aditya Chavan, Rajat Gode and Ritik Raj Singh from Shri Ramdeobaba College of Engineering, Nagpur.

CSI SFIT



The CSI Show Ep 2

Stories are the most powerful way of fuelling ideas into the world and as engineers we need to be up to date with ideas from all around the world. Thus, CSI SFIT started a new initiative The CSI Show. A show where individuals in the community from all around the world tell their story, exploring their successes, failures and future plans.

Due to the pandemic, we had to resort to a virtual platform and used Youtube for streaming and Zoom for recording purposes.

Our second episode of The CSI Show featured

Pradyuman Samant, a 20-year old Award-winning Wildlife Photographer, Natures Best Africa Young Photographer of the

Year'17, Royal Entomological Society Award Winner, Top 6 at glanzlitcher'17, DCP Young Emerging Talent of the Year'17.

The real-life 'Farhan Qureshi' to talk about his passion, interest and dedication to photography & videography.

In our second episode of the CSI Show, Pradyuman Samant joins Niharika Pattabhi (CSI Vice Chairperson) and Gaurav Suvarna (CSI SFIT Treasurer) talking about his photographic achievements and the behind-the-scenes to every shoot.

And as Pradyuman says, "Don't focus on the equipment, focus on the knowledge!"

The show has already garnered over 250 views and is a big hit!

The Career Toolkit : Expert session on Placement Prep 101



Event Date: Saturday, 17th April '21 **Time:** 4pm - 6pm **Venue:**

Online (Google meet) No. of Registered Students: 112

Instructor: Mr. [Subodh Kar](#), from Interview Buddy.

A workshop on Placement Preparation was organized by the Computer Society of India - SFIT on the Saturday, 17th April '21 from 4pm - 6pm. This event was held in collaboration with Interview Buddy, an Online face-to-face mock interviews platform providing help from experts for training & preparation for job interviews in a no pressure, stress-free environment simulating a real job interview. Our guest instructor for this session, Mr. [Subodh Kar - General Manager - Product Management,](#)

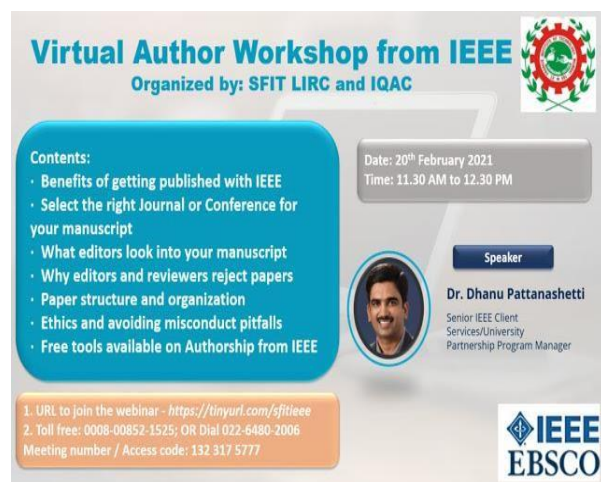
[Power Products - Schneider Electric | LinkedIn](#). 112 registrations were received.

LEARNING AND INFORMATION RESOURCE CENTRE

Resources of Our LIRC

MEDIA	UG Books	PG Books	JOURNALS
Titles	10634	292	Print: 36
Volumes	28259	1187	E JOURNALS
Editions	367	2	IEEE ASPP
Book Bank Books	1470	E Books: 123	IEEE POP

VIRTUAL AUTHOR WORKSHOP FROM IEEE – 30TH JANUARY 2021



The poster for the Virtual Author Workshop from IEEE, organized by SFIT LIRC and IQAC, features a blue and white color scheme. It includes a list of contents such as 'Benefits of getting published with IEEE' and 'Select the right Journal or Conference for your manuscript'. The date is listed as 20th February 2021, from 11:30 AM to 12:30 PM. The speaker is Dr. Dhanu Pattanashetti, Senior IEEE Client Services/University Partnership Program Manager. Contact information for joining the webinar and toll-free numbers is provided at the bottom.

Over this time, we have come to understand that being an early career researcher is difficult with the challenges of getting your research getting published in the right journal at the right time. To help all our faculties overcome this hurdle and aid them in their journey to Ph.D., the Learning and Information Resource Centre (Central Library) and Internal Quality Assurance Cell (IQAC)

of St. Francis Institute of Technology in collaboration with IEEE had organized a

Virtual Workshop for Authors on 30 January 2021 at 10 am.

Resource Person: GK Upadhyaya, IEEE Certified Trainer Sr. Training Manager - West India
EBSCO Information Services

Virtual Bookshelf

Our LIRC has launched 'Virtual Bookshelf' beginning with the New Year 2021. As the name implies, it contains a display of books that can be downloaded and read on the PCs or mobiles. Clicking/touching the Cover Page of the book in the bookshelf, allows downloading / reading the respective book online. Two Thematic Book Virtual BookShelves viz. Marathi Bhasha Diwas and International Womens' Day have been created with e books from open access resources.

One book shelf dedicated to CMPN and INFT departments can also be downloaded from our webpage. The

first virtual bookshelf has 26 books in Marathi on a variety of interdisciplinary topics related to Marathi Literature, stalwarts of Maharashtra, pioneers of the Marathi language, recipes and poems.

Electronics For You Virtual Book Shelf is uplinked to the EFY website.

Virtual Book Shelf is circulated among all the members of SFIT via whatsapp groups and is also uploaded to our library webpage under the E Servicestab.

VIRTUAL LIBRARY ORIENTATION FOR FIRST YEAR ENGINEERING STUDENTS ON 17-18 FEBRUARY 2021



Behind the simple facade of the SFIT Library webpage lies a plethora of information and assistance. From locating materials in the physical library, to identifying and using electronic resources, to searching WebOPAC and DSpace@SFIT, to managing your library account, we are here to help you students.

A big thank you to FE HOD - Dr. Poonam Hemnani and Co-ordinator for the Orientation - Ms. Deepa Panakkal for giving an opportunity to showcase the library resources.

A total of 362 students attended the online orientation between 17 - 18 February, 2021. Ms. Chinmayee Bhangre and Ms. Sucheta Prabhudesai gave an insight into the library and its varied services.

ORIENTATION TO NEW FACULTY MEMBERS

Faculty members who had joined SFIT for the new semester were given a brief introduction to the library and its resources.

5 faculty members from Electrical Engineering department and 4 faculty members from Mechanical Engineering department attended the physical orientation which was conducted taking into consideration all safety precautions owing to the COVID 19 pandemic. Books pertaining to the current semester were displayed for quick reference by the subject teachers.



WEBINAR ON RETURN ON INVESTMENT IN LIBRARIES

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WEBINAR ON RETURN ON INVESTMENT IN LIBRARIES

LIBRARIANS

- Right searching, saving, exporting etc
 • In depth searching for important topics
- Teaching users on a regular basis
- Updating themselves for all changes
- Knowing and tracking which database / which front end is most cost effective

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WEBINAR ON RETURN ON INVESTMENT IN LIBRARIES

VASUMATHI SRIGANESH – BSC, MLIS

- Former Medical Librarian - Keshavnagar Hospital & HCU, Mumbai
- Founder & CEO - QMed Knowledge Foundation, Mumbai
- Teacher:** 402 lectures (including online learning) and 240 workshops on literature searching and referencing
- Creator:** Online courses - "Mastering PubMed" & "Reference Management"
- Expert:** Substantive Review, Searching, Evaluation, & Reference
- Recognized by:** Maharashtra University of Health Sciences - Speaker, Maharashtra Medical Council - Speaker, Academy of Health Professionals Educators - Member, International Award - 2013

A Webinar on Return on Investment in Libraries was jointly organized by the Library of St. Francis Institute of Technology and BKC Knowledge Network on 24th February, 2021. This is the first time that our Central Library has hosted a National Webinar for all librarians. The theme of this year's webinar is "Return on Investment in Libraries" and it focuses on all aspects of a future oriented library, its up-to-date media offerings and its creative and modern services. The Resource Person for the Webinar was Ms. Vasumathi Sriganesh, Founder and CEO – QMed Knowledge Foundation, Mumbai.

All librarians would like to know the impact of library services on the parent institute. This

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program enabled all the participants to find many tools and techniques to inspire them and to take back refreshed professional commitment to their workplace.

80 participants attended the Webinar.

WEBINAR ON WOMENS HEALTH AND NUTRITION



Women's Development Cell and Learning and Information Resource Centre in collaboration with IQAC organized a Webinar on Womens' Health and Nutrition on the occasion of International Womens' Day on 8th March,2021.

Ms. Dakshata Panchal (Asst. Prof. – CMPN and Convener – Womens Development Cell) welcomed all the participants and began the session with the College Prayer. She the introduced the Resource Person – Vaidya BhagyashreePatil.

Vaidya Bhagyashree Patil of Shatayu Clinic, was the Resource Person. She shared many insights about the health and well-being of women after they attain the age of 40. She also shared some useful tips on how and why women should reduce their mental fatigue. Food intake is the most vital source of health. Monitoring our food intake will reduce binge eating habits and will eventually lead to a healthy lifestyle. AYURVEDA , being one of the most ancient way of life , has always proved to be beneficial to mankind. 64 participants joined the session. Ms. Chinmayee Bhang. The webinar concluded with a short Question Answer session followed by the National Anthem.

AUTHORSHIP WORKSHOP FROM IEEE FOR STUDENTS OF SFIT

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LEARNING AND INFORMATION RESOURCE CENTRE

VIRTUAL IEEE AUTHORSHIP WORKSHOP FOR T.E. AND B.E. STUDENTS ON
30th MARCH 2021



मराठीभाषादिवस २७ फेब्रुवारी २०२१

Marathi Bhasha Diwas is celebrated every year in honour of Marathi language.

SFIT NSS Cell in collaboration with the Learning and Information Resource Centre celebrated 'Marathi Bhasha Din' on the occasion of the birth anniversary of noted Marathi litterateur V. V. Shirwadkar, popularly known as 'Kusumagraj' whose birthday falls on 27th February every year.



With an objective to provide valuable advice to undergraduate students interested in learning more about publishing with IEEE and to learn about the IEEE Xplore Digital Library and the content available to assist in research, an online training session was organized exclusively for T.E. and B.E. students.

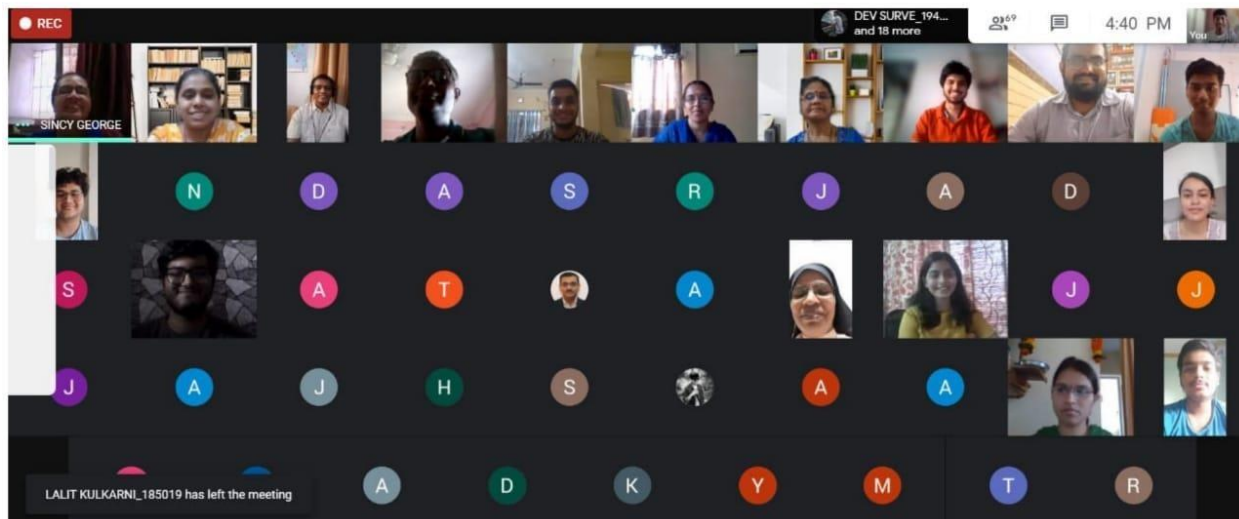
National Digital Library of India Club

Virtual Inauguration and Launch of SFIT NDLI Club was held on 14th April 2021 at 4 pm at the hands of our Principal – Dr. Sincy George.



St. Francis Institute of Technology

<https://www.sfit.ac.in/>



Library & NDLI Club Organised following Activities

Sr.No.	Date	Title of the Programme	Type	Chief Guest/Resource Person/Competition Jury	Number of Participants
1	14 th April 2021	NDLI and Its resources	Quiz	Ms.Chinmayee Bhange Librarian	
2	23 rd April 2021	The Copyright Challenge	Quiz	Ms.Chinmayee Bhange Librarian	15
3	1 st May 2021	Maharashtra Day	Quiz	Ms.Chinmayee Bhange Librarian	28
4	7 th May 2021	BEE using NDLI Portal	Quiz	Asst.Prof,Pallavi Patil EXTC	17
5	15 th May 2021	Read Effectively	Lecture Series	Asst.Prof.Deepa Panakkal Basic Sciences and Humanities	15

6	6 th June 2021	Shiv Swarajya Din	Quiz	Ms.Chinmayee Bhange Librarian	62
7	19 th June 2021	National Reading Day using IEEE Explore Digital Library	Quiz	Ms.Chinmayee Bhange Librarian	28
8	23 rd June 2021	Drawing Contest on World Environment Day	NDLI Draw	Mr.Paul Fernandes, Head NSS Cell Mst. Viral Soni, Student Member NSS Cell	15

NSS SFIT

Republic Day celebration live streaming – 26th January 2021



SFIT NSS volunteers and other faculty members celebrated Republic Day at St. Francis Institute of Technology.

Due to the pandemic, NSS-SFIT broadcasted the event live on Instagram for all college students and faculty members to celebrate the Republic Day from their homes.

As we celebrate the 71st Republic Day, the Flag was unfurled by our Director Bro. Jose Thuruthiyil. After that the Director addressed the gathering. Our Dean of Academics Dr. Kevin Noronha delivered a speech which was followed by a speech by our program officer Mr. Paul Fernandes. To boost the patriotic spirit we sang patriotic songs.

Republic day is a celebration of becoming Democratic, Republic nation where everyone has equal rights and enjoys freedom of fundamental rights.

Waste collection/ E Waste/plastic waste/paper waste – 29th January 2021

SFIT NSS, under the guidance of Mumbai University took the initiative to collect household waste such as newspapers, plastic bottles and E-waste.

As a part of the waste management programme, volunteers collected waste from their as well as neighbouring households and deposited it in college, from there on the waste was segregated and further sent to the recycling companies. A total of 197 kgs of waste was collected by our volunteers.



The volunteers understood the importance of recycling and got an opportunity to contribute as much as they can.

INTERNATIONAL WOMEN'S DAY CELEBRATION AT SFIT – 8th March 2021



On the occasion of International Women's Day the NSS unit of SFIT and the student council jointly organized a session on Self Defense. The session began at 9: am with the college anthem. It was followed by an all women band. The Session was guided by Mr. Amit Singh an Alumnus of SFIT. He taught the participants a few moves to protect themselves in salutations of harassment and any other type of physical attack.



The outcome of the session is that the participants learnt a few techniques to protect themselves and they were exhorted to continue the practice of their learnings and use them in the time of need.

Aayush Mohite welcomed the resource person and Urvansh Shah proposed a vote of thanks.

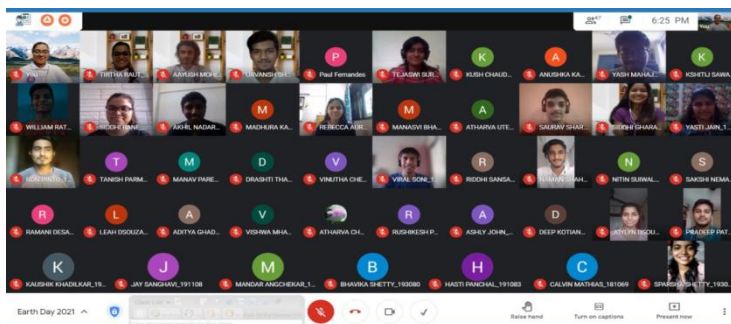
Jallianwala Bagh Massacre (Quiz) – 13th April 2021

SFIT NSS volunteers organized a quiz on “Jallianwala Bagh Massacre” to mark 102 years since the massacre.

The goal of this quiz was to educate the participants about the incident which was a turning point in our fight for independence. The Jallianwala Bagh massacre, also known as the Amritsar massacre, took place on 13 April 1919 when General Dyer ordered his troops to open fire on a peaceful gathering of protesters. Estimates of those killed vary between 379 and 1500+ people and over 1,200 other people were injured of whom 192 were seriously injured.



Earth Day Group Discussion – 21st April 2021



SFIT NSS volunteers observed Earth Day by having a group discussion on the current problems faced by the planet and coming up with solutions to tackle them.

A total number of 34 people were present in the meet, out of which 30 volunteers participated in the

group discussion. These 30 were divided into 3 groups of 10 to have a smooth and fruitful discussion. Following were the topics for the group discussion:

- Why aren't we using solar energy?
- Climate Change? What can we do about it?
- Wildlife tourism can help to protect endangered species

Participants found these discussions interesting and insightful, pitching in their own ideas to solve the current issues and hoping for a better futuristic and healthy planet.

SUICIDE PREVENTATION AWARENESS WORKSHOP – 1st May 2021

Suicide is a serious public health problem that can have long-lasting effects on individuals, families, and communities.

To overcome this NSS-SFIT collaborated with Sisters Living Works to organized webinar on Suicide Prevention Awareness Workshop on 1st May, 2021.

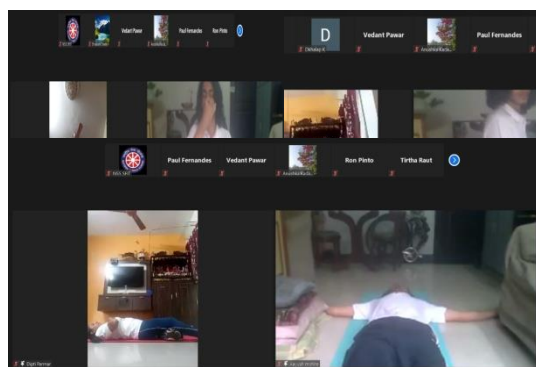
Ms. Sachi Mulki is an a psychologist dedicated to the cause of suicide prevention in India by raising community awareness, involvement, education, and advocacy. She described the latest findings on warning signs and risk factors for suicide.



Offered a conceptual model and a developmental perspective on the dynamics underlying suicide, we explored the internal struggle and the ambivalence surrounding suicide and addressed both objective assessment and the formation of clinical judgment. The participants were informed about recent research on empirically validated treatment approaches and provided with state-of-the art crisis management strategies.

This webinar was very useful and volunteers learned a lot.

YOGA FOR IMMUNITY AND WELLNESS – 21st June 2021



SFIT NSS volunteers organized This event “YOGA FOR IMMUNITY AND WELLNESS” on the occasion of International Yoga Day. The Program speaker was Dr Amol Shah and Ms Kranti Mali Shah. In this event 55 volunteers and 6 faculty members participated.

The instructors taught us how to do Yoga and benefits from doing Yoga on our immunity and to

our health . They both showed how to do yoga poses like Crocodile pose, Child's pose, Supine Twist, Anulom, Vilom, Pranayam etc. and they told what are the benefits of doing it like it improves posture, increases flexibility, builds muscle strength, increases blood flow.

Yoga improves strength, balance and flexibility, it reduces your risk of injury. Each yoga pose targets a specific muscle.

The session was a great success and volunteers got a lot to learn from this session.

Training and Placement

Placement @ SFIT, Mumbai in Covid-19 times

Career Development Landscape SFIT aims to build a pathway towards excellent career opportunities for students. SFIT is well known for the best placement record of more than 350 job offers each academic year since 2017-18. The college Alumni have made a name for themselves and for SFIT as a trusted brand for recruitment. Top MNCs and national companies such as DBS, Siemens, Tata Consultancy Services, L&T Infotech, Wipro, Cognizant, Capgemini, Reliance Industries, Tata Communications, Accenture, GoldmanSach, Browser Stack, and so on have close association with SFIT and hire the best candidates on regular basis.

Covid pandemic was a very different challenge for the whole world and especially to the academic community which has been functioning completely in traditional teaching learning style. The sudden lockdown and subsequent closure of physical classroom activities was more like shock to the teachers and students. The time available for adaptation was very minimum. To meet this challenge Training and Placement cell collaborated with online learning partners like Coursera, TCS, Upgrad, Yantrabyte, Referenceglobe, Anudeep Foundations and other agencies to impart virtual and in classroom training to prepare SFIT students for the industry. All these platforms helped the SFIT students in preparing themselves at conceptual level as well as application level. The students of SFIT completed an aggregate of 5000 certifications on Coursera platform and collectively clocking around 18000 hours of learning. This was supplemented by other online learning platforms like Yantrabite, TCS ion, Upgrad, and others where students acquired technical skills on the state-of-the-art technologies like Data Science and Machine Learning to name a few. Along with conceptual knowledge and the application skills the placement team worked on the basic modules like aptitude test preparation and soft skills.

All these preparations could only bring results if and only if students were presented with enough opportunities to showcase their talent. This was done by inviting large number of companies. For the batch of 2020 SFIT had more than 150 companies. This resulted in more than 400 offers for 2020 with highest package of **18 LPA by Goldman Sachs** and highest number of recruitments by LTI (106). The 2020 batch saw more than 50 students with 5 lakh and above package.

The 2021 batch entire training and recruitment was in virtual mode, yet SFIT has managed 450 plus offers with highest package of **18.72 lakhs by Browser Stack** and highest numbers of recruitments were by **Capgemini (83) and TCS (77) and Accenture (40)**. The 2021 batch has so far 111 offers of 4.5 lakhs and above, 61 offers with 5.0 lakhs and above and 30 offers with 6.0 lakhs and above. This all has been achieved before the students have given their final year examination. The placements will continue for 2021 batch till every student desiring the job is placed.

The placement of SFIT has been successful over the years because of the collective efforts by teachers and support staff, generous support from SFIT alumni and faith shown by Industry in the SFIT brand. We look forward for continuous support from the Alumni and the Industry Partners to help the institute scale greater heights both in academics and placements.

We thank all our Industry partners who have shown faith in the abilities of our student and giving them an opportunity to get a flying start to their career.

List of some candidates with top offers above 8.0 LPA and above

Sr.No.	Name	Company	Package (LPA)
1	Sanket Dalvi	BrowserStack	18.72
2	Joshua Raymond Fernandes	LTI	10
3	Leander Joeseeph Fernandes	LTI	10
4	Manas Acharya	LTI	10
5	Saugat Ganguly	Airbus	10
6	Yash Solanki	LTI	10
7	Dominic Silveira	LTI	10
8	Nikita Agarwal	LTI	10
9	Aston Lopes	LTI	8
10	SahilNirkhe	Persistent	8
11	SurajSuvenduChatterjee	Monsoon CreditTechPvt Ltd	8
12	Orvin Fernandes	LTI	8

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