



ST. FRANCIS INSTITUTE OF TECHNOLOGY

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BITS-N-BYTES

A NEWSLETTER OF SFIT

Vol 4 Issue 1 July 2014

International Conference on Circuits, Systems, Communication and Information Technology Applications (CSCITA 2014)



The CSCITA 2014 IEEE International Conference organized by St. Francis Institute of Technology, Borivli, Mumbai was held at Hotel Kohinoor, Mumbai on 4th and 5th April, 2014. The conference was approved by IEEE (USA) and was organized in association with University of Mumbai, IETE, CSI and Institute of Engineers (India).

The conference started with Lighting of ceremonial lamp which was followed by Institute prayer and Saraswati Vandana. Bro. Melchior Tom, the Director of the Institute, greeted the delegates and all the guests and delivered the welcome address. An overview of the conference was given by Dr. T.S Rathore, conference chair. The inaugural speech was delivered by Dr. R K Shevgaonkar, the Director of IIT Delhi. He emphasized on the need of research for the society. Two highly enlightening keynote addresses were given by Padma Shri Dr D B Phatak, IIT Bombay and Dr M Jagadesh Kumar, IIT Delhi. Dr. Phatak in his keynote address highlighted the need of high quality technical education for the growth of the country and he also gave an insight of various initiatives taken by IITs and MHRD, Govt of India to train the technical teacher throughout the country through National Mission on Education. Dr. M Jagadesh Kumar gave a plenary talk on his research work in the field of Nanoscience and Nanotechnology. The inaugural ceremony was concluded by vote of thanks delivered by Dr. A.K Sen, the Principal, St. Francis Institute of Technology.

A total of 81 high quality technical papers were presented by the delegates from India as well as overseas. The major thrust areas of this conference were Circuits & Systems, Signal Processing, Communications, and Computing Technologies.

The conference concluded with the Panel Discussion. The experts were from industry and academia both. Organization of the conference was highly appreciated by the panel. Panel pointed out that the quality of papers presented were noteworthy. The conference came to an end with valedictory function. Dr. S. K. Utrande, Dean-Faculty of Technology, Mumbai University was chief Guest for the session and Mr. Anthony Lobo, Chairman IEEE Bombay section was guest of honor. Participation certificates were handed over to the delegates by the Dignitaries.

ROBOCON 2014

The SFIT ROBOCON team participated in the National Robotics competitions ABU-ROBOCON 2014, held in Balewadi sports complex at Pune from 6th of March to 8th of March 2014. The theme for Robocon 2014 was “A Salute to Parenthood”. 89 teams participated this year. This was the 6th year of SFIT’s participation in this prestigious competition being one of the ten colleges from Mumbai and the team showed their finest performance by beating IIT Hyderabad in the League match. Well, it’s always difficult to put into the words an experience such as Robocon.



Many aspects of their robots were inspired by their previous year’s Robots. Technically they polished themselves by learning and implementing new things like Joystick Interfacing with a Microcontroller, some electronic concepts and a few other things like small pneumatic cylinders, single valve solenoid, electrical solenoid were being implemented for the first time, thus it became time consuming to learn them and implement them.



Participating in Robocon 2014 was an immense learning experience for all of them. Their experience can be broadly divided into 2 categories, The First being Technical and the other being Management and Ethics.

By far, the most important realization for the team was “learning what to learn” and “knowing where to improve”. In unanimous decision, the team decided to spend the remaining time academics year in sharing technical experiences, helping the juniors in improving the relevant technical skills and discussing the possible technologies that can be implemented this year.

Nevertheless, they managed to build one of the most Economical Robots in the competition. Knowing what the obstacles the team had to face towards the end, the members were satisfied by the way we performed and aim towards having a much more successful run in Robocon 2015.

INFT DEPARTMENT UPDATES

Departmental Activities/Achievements:

Young Achiever Mr. Rahul Mascara, alumnus of SFIT and graduate from IT department inaugurated the IRIS'14.



Ms. Shree Jaswal was the workshop coordinator for 2 week IIT workshop on Computer Programming from 19th May 2014 to 29th June 2014.

Mr. Bhavesh Pandya is working as a member of INFOSYS Campus Connect Foundation Program. He conducted extra lecture on “Game creation in C” for students.



Student Chapter (ITSA) Activities:

1. A three days' workshop on “**Web App Development using Liberty Profile**” in association with **IBM** was organized for staff and students of TE IT and CMPN at SFIT. Resource Persons from IBM were Mr. Saldy Mathew, Mr. Ram Kishore and Ms. Shagufta Almel. The workshop was conducted on 12th Feb., 22nd Feb., & 15th March 2014.



2. A two days seminar on “**Software Project Management**” was conducted for students of BE-IT by Mr. Khalid Ziya of Deutsche Bank at SFIT on 2nd & 3rd March, 2014.



3. The ITSA-SFIT had organized one day **Industrial visit cum Workshop at Apar Games, Malad** on 11th March, 2014 for students of BE-IT.



4. An eight days “**Guitar workshop**” was conducted by Mr. Stanley Samuel, faculty of SFIT.
5. A one day seminar on “**Ethical Hacking**” was conducted for students of TE-IT by Mr. Ashish Jagdale, faculty of IT department on 11th April 2014.



Staff & Student Publications:

Ms. Joanne Gomes

- i. Ms. Joanne Gomes, “N-Dimensional Pulse Shape and Position Modulation for High Speed UWB Communication” in International Conference on Circuits, Systems, Communication & Information Technology Applications, 4-5 Apr. 2014

Ms. Prachi Raut

- i. Prachi.Raut and Nisha. Sarwade, "Designing and Performance Analysis of Nano Machines Network for Synthetic Immune System", CSCISTA April 2014

Ms. Vaishali P. Jadhav

- i. Dr. Sunita M. Mahajan and Ms. Vaishali P. Jadhav "Behavioural Patterns of various JOIN Techniques on large Databases" in International Conference on Circuits, Systems, Communication & Information Technology Applications, 4-5 Apr. 2014

Ms. Shree Jaswal

- i. "Exploring rubrics based assessment" in Recent advances in computer, electronics and management (RACEM) 2014, IEEE Bombay section, Vidyalankar institute of technology, Wadala, Mumbai,3-4 April 2014

Mr. Mahesh Mali

- i. Mahesh Mali, Vipul Dalal and Pankaj Banvari "New Schema Free Method for Text Search DRACR", International Journal of Engineering Technologies (IJERT), e-ISSN: 2278-0181, Volume 3, Issue 5, May 2014.

Ms. Sonali Vaidya

- i. Sonali Vaidya, Dr. Kamal Shah, "*Real Time Video Surveillance System*", In International Journal of Computer Application, Vol. 86, Issue 14 , pp. 22-27, Jan 2014.
- ii.Sonali Vaidya, Dr. Kamal Shah, "*Use of Gait Energy Image in Implementation of Real Time Video Surveillance System*", In International Organization of Science and Research Journal of Computer Engineering (IOSR-JCE), Vol. 16, Issue 1, Version 5, pp. 88-93, Jan 2014.
- iii.Sonali Vaidya, Dr. Kamal Shah, "*Implementation of Real Time Video Surveillance System using Gait Analysis*", In International Journal of Scientific and Engineering Research (IJSER) , Vol. 5 ,Issue 2 ,Feb 2014.
- iv.Sonali Vaidya, Shruti Shetye, Akhil Abraham, Royston Pinto," *Alltalk™- A Windows Phone Messenger with Cross Language Communication* ",In International Organization of Science and Research Journal of Computer Engineering (IOSR-JCE), Vol. 16, Issue 2, Version XI, pp. 113-119, May- April 2014.
- v.Sonali Vaidya, Shruti Shetye, Akhil Abraham, Royston Pinto," *ALLTALK™- A Windows Phone Messenger With Cross Language Communication For Customer Care Services*",In International Journal of Engineering Research and Applications (IJERA), Vol. 4, Issue 5, Version 1, pp.61-66, May 2014.

Mr. Bhavesh Pandya

- i. Mr. Bhavesh Pandya, Dr.Vinayak bharadi "Multimodal Biometric Recognition using Iris & Fingerprint based on Hybrid wavelet based feature vector", ICWEC (TCET), 01 March 2014
- ii. Mr. Bhavesh Pandya, Ankit Salian, Abhishek Shetty, Milind Wadhvana & Bhagyesh Suryavanshi, "Authentication using Messaging", ICWEC (TCET), 28 Feb 2014
- iii. Book Name: **Structured Programming Approach**
Author Name: **Bhavesh Pandya & Sachin Agrawal**

Publication: **Vikas Publication (New Delhi)**
Academic Year: **2014**
Year : **F.E Semester: II (Common for all branch).**
ISBN NO: **978 9325 975538**

- iv. Book Name: **Multimodal Fusion of Iris and Fingerprint**
Author Name: **Mr. Bhavesh Pandya, Dr.Vinayak Bharadi & Dr.Hemchandra Kekre**
Publication: **LAMBERT Publication (Germany)**
Year: **2014**
ISBN NO: **978-3-8484-3243-1**

Ms. Ulka Padwalkar

- i. Ulka S Padwalkar, Priyanka Malgi, "E-APSAR:Enhanced Anonymous Position Based Security Aware Routing Protocol For MANETS", International Journal of Engineering Research and Applications", ISSN : 2248-9622, Vol. 4, Issue 3(Version 1), March 2014.

Mr. Rohan Borgalli

- i.Rohan Appasaheb Borgalli, Winner George Parayal, Hari Pratap Gautam "Design and implementation of modified iterative logarithmic multiplier for low-power and area-efficient applications" IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE), Volume 9, Issue 1 Ver. V (Feb. 2014), PP 34-45.
- ii.Rohan Appasaheb Borgalli, Winner George Parayal, Hari Pratap Gautam "PAPR Reduction in OFDM by Interleaving Technique Using Hexagonal Constellation" in International Journal of Mobile Communication & Networking (IJMCN). April 2014.

Student Activities & Awards:

- i. The students of IT department secured the projects from Persistent Systems Limited. The students are Kartik Haritha and Lidiya D'Souza of BE-IT-A and Akshata Shetty, Aakriti Tulsiyan and Neil Rego of TE-IT-B.
- ii. Sonali Vaidya, Shruti Shetye, Akhil Abraham, Royston Pinto," *Alltalk™- A Windows Phone Messenger with Cross Language Communication* ",In International Organization of Science and Research Journal of Computer Engineering (IOSR-JCE), Vol. 16, Issue 2, Version XI, pp. 113-119, May- April 2014.
- iii. Sonali Vaidya, Shruti Shetye, Akhil Abraham, Royston Pinto," *ALLTALK™- A Windows Phone Messenger With Cross Language Communication For Customer Care Services*",In International Journal of Engineering Research and Applications (IJERA), Vol. 4, Issue 5, Version 1, pp.61-66, May 2014.
- iv. Mr. Bhavesh Pandya, Ankit Salian, Abhishek Shetty, Milind Wadhwana & Bhagyesh Suryavanshi, "Authentication using Messaging", ICWEC (TCET), 28 Feb 2014.

COMPUTER DEPARTMENT UPDATES

Flavian Pegado Chosen for Design Innovation Workshop by MIT-USA



WE School (Welingkar Institute of Management Development and Research) in association with MIT Media Labs played host to the Fourth Design Innovation Workshop (DIW) held over a week from 27th January to 1st February 2014. The workshop brought together 350 of India's brightest innovators from industry and academia in a bid to creating pioneering solutions for some

pressing problems of humanity. 20 Mentors from MIT Media Labs guided the participants through the amazing journey. The participants were an interesting mix of engineers, architects, product designers, commercial artists, etc. selected from over 2500 applicants from all over India.

Out of the 10 tracks Flavian Pegado, a student of BE-CMPN (2014), was chosen for the Fabrication Lab (Fab Lab) which aimed to come up with tools, kits, techniques and softwares that could enable others to realize their ideas. The track consisted of about 30 individuals with vivid backgrounds. Mr Dan Sawada and Mr Pragnun Goyal (alumnus of IIT Delhi), Research Assistants @ MIT Media Labs were assigned as the mentors for the Fab Lab.

On day one the participants were taken on a field trip to a carpentry workshop and a lingerie manufacturing unit which was followed by a brain storming session. Day two started with formation of groups based on common interests. Flavian was put in a group consisting of a professional architect, two mechanical engineering students from VIT Pune and IIT Guwhati respectively, a Product Design student from Bangalore. After 5 hours of absorbing conversations and ridicule this team zeroed on making a copper tape dispenser. Over the next four days they came up with 2 working prototypes of the same. The process included CAD schematics, 3-D printing of parts, laser cutting and precision wood cutting using a CNC router. Ms Jie Qui (Research Assistant MIT Media Labs) who develops artistic creations with copper tape and LEDs tested their prototype and was delighted with the results. In the last couple of days they also worked on the idea of pattern formation using 16 squares each split into 4 triangles along the diagonals and interconnected with elastic bands. Coloured lights and the vibrating ends of the structure produced interesting patterns which was well appreciated by visitors on, Saturday 1st Feb 2014, the project exhibition day.

Over the course of the 6 days, some amazing people delivered keynotes. Dr Raghunath Mashelkar the recipient of the prestigious Padmavibhushan (the second highest civilian honour in India) and the current Chairperson of National Innovation Foundation pushed forward the idea of a new design

paradigm of 'affordable excellence'. Dr Ramesh Raskar (Associate professor at MIT Media Labs) was present for the closing ceremony and spoke about the need of reverse innovation and the greater push towards excellence from Indian innovators. Motivating the participants and appreciating the exceptional talent pool present, Dr Raskar asserted the need to think out of the box and the necessity of taking risks.

Other distinguished keynote speakers included Mr Kishore Biyani (Founder and group Chairman, Future group), Mr Diego Gutierrez (Professor University of Zaragoza, Spain), Joseph A. Paradiso (Associate Professor of Media Arts and Sciences, MIT) and Pattie Maes. The workshop was an enriching experience, an opportunity of working and networking with the brightest minds in the nation and asserting confidence in the innovation space in India.

SFIT family congratulates Mr Flavian Pegado on his selection in this prestigious workshop and for the enriching experience he brings on campus

SFITians in Top 12 at Maker Fair Paris

In great display of motivation and coding skills, two of our very own have bagged a coveted position in the top 12 at a robotic (programming) competition. A total of 90 teams competed against each other for a time trial.

Mithil Raut and Akshay Rote of BE-CMPN wrote and executed an algorithm for a Mars Rover (bot) to facilitate fast navigation on martian site. They beat 78 other teams with a finish time of The prestigious competition is organized by MathWorks, France. They also happen to be the only team from India in the top 12 (and top 24). The beauty of this achievement is that, this competition was bang in the middle of their Sem VIII exams.

They now proceed to the finals where they will programme for a 3-d printed Mars Rover and deploy it on Mars-like environment setup at Le Centquatre, Paris (20-21st June). SFIT wishes them all the very best in their effort and future endeavor as well.

Mithil and Akshay (BE CMPN 2014) win Accolades

MathWorks®-France in association with MakerFaire-Paris organised a Mars rover robot-simulation competition at Paris on 21st of June 2014. The competition was a part of the two day Maker Faire exhibition. Maker Fair is an internationally recognised event which showcases workshops, presentations and conferences on the theme of creativity, production and motion 'Do it Yourself' (DIY). It is an event for all fans of technology, craftsmen, educators, inventors, hobbyists, engineers, science clubs, authors, students and artists. It was hosted at a famous cultural centre in Paris named Le Centquatre which extends over an exhibition space of around 3 lakh square feet.



The competition was open to all age groups. It comprised of a demo Mars field and 3-D printed Mars rover robots (rover-bot). The challenge was that the rover-bot must traverse a number of sites on the field in the minimum time possible. The aim of the competition was to optimize and program the algorithm used by robots to carry out their mission. The number and the position of the sites were changed after each round.

A total of 90 teams, from all over the world, competed against each other for a time trial in the selection round. Mithil Raut and Akshay Rote of BE-CMPN (2014) grabbed a spot in the top 12 teams for the finals at Paris. At the finals they stood 2nd in the initial time trial round and 6th in the following round. They were the only team from Asia and also the youngest one. Their competitors were MS, PhD students and faculty members/professionals as well. Impressed by their fight in the competition, the organizers awarded them a rover-bot prototype which was awarded only to the winning teams. Mithil and Akshay have brought home a great experience and also made great new friends.

SFIT family congratulates the duo for their efforts and achievements!

Faculty Publications

Sr. No.	Author(s) name	Title of the paper	Journal / Conference title, Vol., Issue No., Page Nos.	Month and Year of Publication	Impact Factor / ISBN No./ ISSN No.
1.	G. Anuradha, Bidisha Roy	Suggested Techniques for Clustering and Mining of Data Streams	in Proc. Int. Conf. Circuits, Systems, Communication & Information Technology Applications	April 4-5 2014	IEEE Approved (#32473)
2.	Mudra Doshi, Bidisha Roy	Enhanced Data Processing Using Positive Negative Association Mining on AJAX Data	in Proc. Int. Conf. Circuits, Systems, Communication & Information Technology Applications	April 4-5 2014	IEEE Approved (#32473)
3.	Kavita Sonawane	Comparative Study of BINS Approach in Kekre's LXY, L'X'Y' and XYZ Color Spaces	in Proc. Int. Conf. Circuits, Systems, Communication & Information Technology Applications	April 4-5 2014	IEEE Approved (#32473)
4.	Sridari Iyer	A Research on Educative Games for Autistic	in Proc. Int. Conf. Circuits, Systems, Communication &	April 4-5 2014	IEEE Approved (#32473)

		Children	Information Technology Applications		
5.	K. Priya Karunakaran, Seema Kolkur	Language Model Issues in Web Spam Detection	International Journal of Enhanced Research in Management and Computer Applications, Vol 3. Issue 2, February 2014, pp(39-45)	February 2014	ISSN: 2319-7471
6.	Safa Hamdare	Securing SMS Based One Time Password Technique from Man in the Middle Attack.	International Journal of Engineering Trends and Technology (IJETT)-Vol.11, no.15, pp.22-26,	May 2014	ISSN: 2231-5381
7.	Snehal Kulkarni	Data mining approach for generation of optimal internet Telecom plans	International Journal of Computer Engineering & Technology (IJCET), Volume 5, Issue 6, pp. 74-81.	June 2014	ISSN 0976 – 6367(Print) ISSN 0976 – 6375(Online)

Student Publications

Sr. No.	Author(s) name	Title of the paper	Journal / Conference title, Vol., Issue No., Page Nos.	Month and Year of Publication	Impact Factor / ISBN No./ ISSN No.
1.	MudraDoshi,	Enhanced Data Processing Using Positive Negative Association Mining on AJAX Data	in Proc. Int. Conf. Circuits, Systems, Communication & Information Technology Applications	April 4-5 2014	IEEE Approved (#32473)
2.	Harshita Kotian, Divya Bhat, Charvi Kunder	Data mining approach for generation of optimal internet Telecom plans	International Journal of Computer Engineering & Technology (IJCET), Volume 5, Issue 6, pp. 74-81.	June 2014	ISSN 0976 – 6367(Print) ISSN 0976 – 6375(Online)

ELECTRONICS AND TELECOMMUNICATION DEPARTMENT UPDATES

Faculty Activities:

Dr. T.S. Rathore:

Programs Conducted

1. Conference Chair for IEEE International Conference CSCITA 2014, April 4-5, 2014

Programs attended

1. *World Telecommunication and Information Day* at Padma Bhushan Basantdada Patil College of Engg, Sion, May 27, 2014
2. IEEE AGM on Feb 1, 2014
3. Third IETE Dr Parikh Endowment Lecture by Vivek Agarwal, Jan 02, 2014

Awards and Honors received

1. Reviewed the paper 'Triple frequency impedance matching by frequency transformation', for IETE J of Education, May 30, 2014
2. Project evaluation at Watumull Institute, Nov 8, 2013, May 5, 2014
3. UPSC confidential (multiple choice questions) assignment, March 27-28, 2014
4. Chaired Project Presentations, Electronics, VJTI, March 4, 2014
5. Reviewed 04 for IETE papers Journal Education and 09 papers for CSCITA 2014
6. Participated in Syllabus Committee meetings at RGIT on Jan 18 and Feb 18, 2014
7. Participated as the panelist in a panel discussion in National Seminar on *Academic Excellence through Quality Technical Education – Opportunities and Challenges*, TCET, Kandivali, Jan 23-24, 2014

Prof. Santosh Chapaneri:

1. EDAS Co-Chair for CSCITA 2014 conference
2. Leader of Review Decision Team for CSCITA 2014 conference
3. Co-convener of Paper Review Committee for CSCITA 2014 conference
4. Co-convener of Conference Committee for CSCITA 2014 conference

Faculty Publications:

- [1] **Tejmal S Rathore** and Jayantilal Rathore, *Analysis of a Typical 3-Phase Star-Connected Circuit: A Phasor Diagram Approach*, International Conference on Circuits, Systems, Communication and Information Technology Applications (CSCITA 2014), April 4-5, 2014, Mumbai 2014
- [2] **Tejmal S Rathore** and A Jain, *A Systematic Map Method for Realizing Minimal Logic Functions of Arbitrary Number of Variables*, International Conference on Circuits, Systems, Communication and Information Technology Applications (CSCITA 2014), April 4-5, 2014, Mumbai 2014

- [3] **Tejmal S Rathore** and Divyang Vyas, *VLSI Design of Active Filters*, International Conference on Circuits, Systems, Communication and Information Technology Applications (CSCITA 2014), April 4-5, 2014, Mumbai 2014
- [4] **Tejmal S Rathore**, *Forward and Reverse Conversions of Multi-Valued Logic Numbers*, International Conference on Circuits, Systems, Communication and Information Technology Applications (CSCITA 2014), April 4-5, Mumbai 2014
- [5] **T S Rathore**, Minimal Realizations of Logic Functions using Truth Table Method with Distributed Simplification, IETE J Education, to appear, July-Dec 2014

Prof. Santosh Chapaneri:

1. Santosh Chapaneri, Radhika Chapaneri, Tanuja Sarode, "Evaluation of Chaotic Map Lattice Systems for Image Encryption", *IEEE Intl. Conference CSCITA 2014*

IETE Activities for Academic year 2013-2014

Sr no.	Title of the program	Date	Duration	No. of students	Significance
1	Industrial visit to Goa	4/01/14-8/01/14	5days	120	-Manufacture machinery company -Transformer company
2	Latex Workshop	26/03/14	1 day	31	preparing their final year Project report using LaTeX editor.
3	Mock interview	9/04/14 & 16/04/14	2 days	328	Help for upcoming placement season.
4	Computer Hardware	9/04/14	1day	53	-Basic Windows installation procedure and disk partition methodology. - Windows 8 with a successful disk partition created.

FIRST YEAR ENGINEERING DEPARTMENT UPDATES

Semester I Topper

We congratulate Nutan Naik from FE 4 with 9.56 CGPI for being the Semester topper!

Faculty Achievements

- **Ms. Micheal Ammal & Ms. Astrid D'souza** attended Orientation Programme on Applied Mathematics -IV (EXTC) (R 2012-13) conducted on 30 December 2014 at K J Somaiya College of Engineering, Vidyavihar.
- **Ms. Poonam Hemnani** presented paper in National Seminar, NSPACS- 2014 at Jodhpur on 10th and 11th January, 2014
- As a Resource person, she conducted sessions of Microteaching in the Faculty Induction Programme 2014 on 4th and 6th July 2014
- She organized Poster competition for students of FE department on 4th and 5th March 2014 with a view to inspire research oriented approach. Students prepared the posters on the proposed themes such as Nanotechnology, Optical Fibers, Fuel Cells, Green Technology, Lasers, Shape Memory Alloy and Influence of Mathematics in my life.
- **Ms. Preeti Colaco** was a resource person for the Faculty Induction Programme 2014 and conducted a Microteaching session on 4th and 6th July 2014
- **Ms. Belinda Misquitta, Ms. Grishalda D'souza, Ms. Ambika Sharma and Mr. Shilalk Singh** attended Orientation Programme on Applied Mathematics IV (CMPN and INFT) (Revised 2012) (CBGS) conducted on 30 January 2014 at A. C. Patil College Of Engineering, Karghar
- **Ms Bhavi Joshi** conducted a Workshop on Soft Skills for FE Teachers highlighting the importance of Assertiveness and Non Verbal Communication. The workshop was conducted on 6th February 2014.

Faculty Publications

A book as per the Mumbai University syllabus on Structured Programming Approach was authored by **Mr. Bhavesh Pandya** and published by Vikas Publication (New Delhi). The salient features of the book include clear exposition of the Basic Concepts of C, in depth

coverage of Algorithm with Flow chart, Arrays, Functions, Pointers, Structures and File handling and large number of solved programs for hands on practice.

Faculties that have joined FE Department



Ms Deepa Wilfred Panakkal has rejoined as Lecturer for the subjects Communication Skills and Business Communication in English



Mr. Utkal Jadhav has joined as Asst. Prof. for the subjects and Mechanics Engineering Drawing and Mechanics



Ms. Karishma Singh has joined as Lecturer for the subject Chemistry

LEARNING AND INFORMATION RESOURCE CENTRE

A Book Exhibition was organized between January 22 - 23, 2014. Five book suppliers participated. An Exhibition has a great role in promoting the reading habit among students of any academic institution. It also showcased vast panorama of books on wide range of subjects. Approximately 50+ titles were procured by the library based on the suggestions of the faculties and students. (Rushvi, please insert photos from SFIT Library's FB page)

LIRC had invited Mr. Santosh Hulagabali (Librarian, [Nagindas Khandwala College](#),

Malad) to engage a session on "Online Tools for Research" on July 5, 2014 as part of the Faculty Induction Program - 2014. It was well received by all the attendees.

Library has initiated the process of sending e-mail reminders to students as an attempt to reduce the number of fine payers. Students are requested to update their e-mail ids with the library in case of non-receipt of timely reminders.

Assistant Librarian Ms. Sucheta M. Prabhudesai attended a seminar on "Digital era in librarianship: Meeting the needs of librarian" on March 1st, 2014.

She was also the Convenor of the Publications and Literary Committee - IRIS 2014

Library Attendant, Mr. Raheem A. Sayyad, attended a 7-day course on "Library operations and Services" on Dec 25-31, 2013.

He received the prize for the Best Poem in Hindi for the IRIS Magazine 2014.

Ms. Pratiksha Nanarkar - [M.L.I.Sc.](#) student from SHPT School of Library Science (SNDT University, Churchgate) completed an Internship program at the SFIT Library for a period of 2 months as part of her curriculum.

TRAINING AND PLACEMENT CELL UPDATES

Activities

Training: The institute Training & Placement Cell is an active Dept. comprised of competent professionals that organizes.

Training, seminars, workshops, industry experts lectures, soft skills program, basic technical practices, aptitude tests, etc. on regular basis and continued practical sessions by institute faculties to our students as per set training calendars.

We invite top officials from reputed industries, professionals and business entrepreneurs to transform students to live and current exposure and career guidance to our students.

We are availing of continuous support from reputed industries and companies to mould and train core engineering to boost the career of young engineers and become most successful engineers of industries.

The Training & Placement department motivates the students providing the necessary help, counseling and guidance for their personality development & students are briefed about corporate sectors practices.

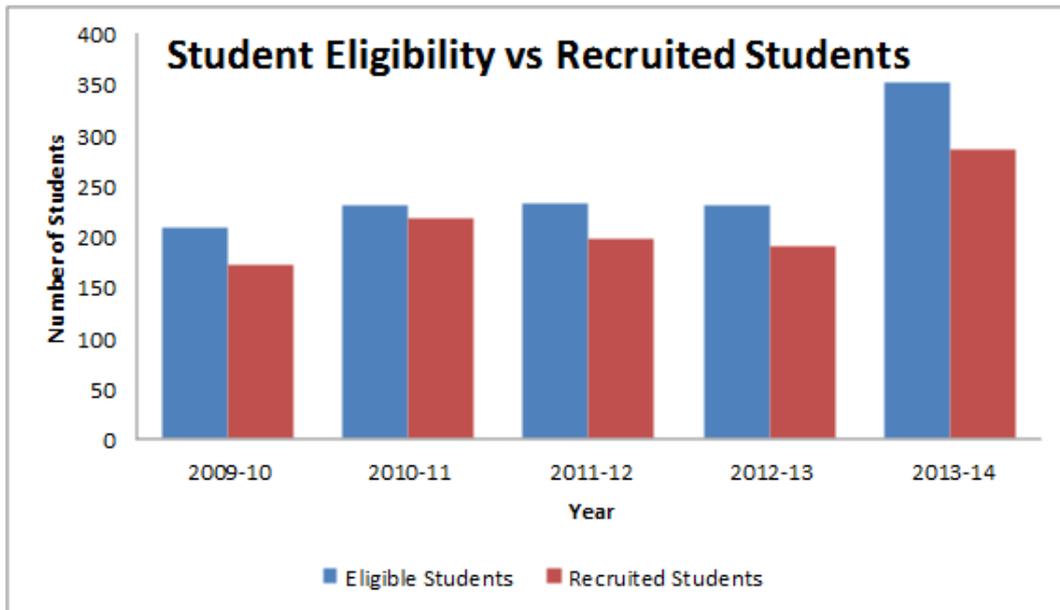
Placement

The placement records and achievements of the students during last 5 years are the following:

85%-90% of the students are recruited by many reputed industries by companies Like TCS, INFOSYS, Cap Gemini, L&T INFOTECH, TECH-MAHINDRA, ACCENTURE,

PERSISTANT, GODREJ-INFOTECH, Hexaware, Atos origin, MAQ, KPIT and many more.

Last two years 40-45 industries have visited the institute, and campus recruitments for 2013-14 are still in progress.



E-Cell was constituted in the early part of the year 2013 and a student committee was instated to carry out its activities. The student committee comprises of some of the talented students St. Francis Institute of Technology (SFIT) can boast of. The committee participation is currently spread over third and fourth year students from all branches.



E-Cell in conjunction with the National Entrepreneurship Network (NEN) provides a platform for industry - student/faculty interaction. Following are the activities conducted in the past along with plans for the future.

1. Details of activities so far:

a. NEN had organized a two day workshop for E-Cell leaders to train them in intellectual property rights. Dr. Vikram V. Shete attended the two day workshop. Mr. Praveer Gupta and Ms. Aditi Jha, two IP attorneys with 20 years of IP experience between them, conducted the workshop sponsored by NEN.



b. E-Cell SFIT organized a full day event for first year students. Following speakers were invited to interact with them.

- i. Mr. Gaurav Karkhanis (SFIT Alumni), Founder - ThinkOutLoud
- ii. Mr. Shubham Dosi, Co-Founder – Stupidsid
- iii. Mr. Chetan Maheshwari, Owner-AUDItime Information Systems
- iv. Mr. Apurva Mankad, Founder and CEO - WebXpress



2. Immediate plans for the upcoming semester

- a. Conduct a workshop, on Intellectual Property (IP), for faculty members and ME students.
- b. Setup interaction platforms between alumni and current students either in person or via teleconferencing.



IRIS 2014 - OUR ANNUAL FESTIVAL

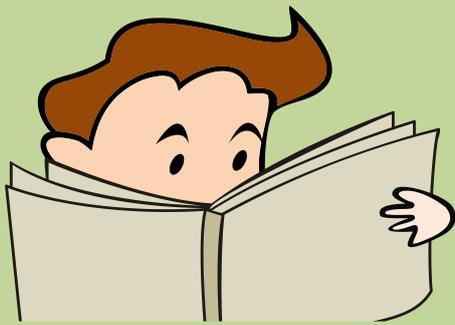
Iris as we all know is the most-awaited festival held annually in the month of February. We ensure all-round development of students through intra-college and inter-college participation.

TADKA was the Iris' 14 theme. A blend of different ideas and cultures with a twist.

First day crowd, people from different colleges had gathered. A few to enjoy, few to participate and the rest of them cheering and having the best time of their life.



Students of L.R. Tiwari College had thrown a wonderful performance in Drama Competition. One of the very high moments of Iris' 14. They also won the BEST DRAMA title.



Another great feat was Iris Magazine!

Take a look at the cover page:



Do not judge a book by its cover but trust SFIT and the talented writers hidden in corners of every classroom brain-storming the next best article.

Everything from the Directors note to Committee descriptions to poems and a platter of budding authors and poets - emotional, humorous, motivating are in this trove.



Next day rock show was a hit! A mixture of entertainment and good music to the music souls out there in the crowd.

Iris' 14 also brought in Sports Day-Neon is the new cool!



Gaming, debates and sitcoms-you name anything and we had that event in Iris' 14.No doubt it was a success!

