2nd International Conference on

Communication Systems, Computing and IT Applications (CSCITA 2017)

A Report

After grand success of CSCITA 2014, St. Francis Institute of Technology (SFIT), Mumbai came up with 2nd International Conference on "Communication System, Computing and IT Applications 2017" (CSCITA 2017) on 7th to 8th April, 2017. The conference was aimed at bringing together academia and industry to foster research and provide a platform for future collaborations.

CSCITA 2017 was technically Co-sponsored by IEEE Bombay Section (IEEE conference record number 38873) and University of Mumbai. The venue of the conference was Hotel Kohinoor Continental, Andheri (East), Mumbai. CSCITA 2017 included 2 keynote addresses, 4 invited talks, one special invited talk on Digital India and 6 oral presentation sessions. Technical papers were accepted in four tracks namely, Communication and Networking, Signal Processing, Software and Process Engineering and Applied Computing and IT and Digital India. In response, 320 full length papers were received from world over. After rigorous review and selection process 52 papers were shortlisted. Amongst the registered papers one was from USA, one from Canada, two from Thailand, One from Australia and two were from Ghana. The event was generously sponsored by South Indian Bank, Catholic Syrian Bank,

Aldel Education Trust, Tata Consultancy Services, Karnataka Bank, Galaxy Automation, Relish Caterers, Flame University and Ideal Classes.
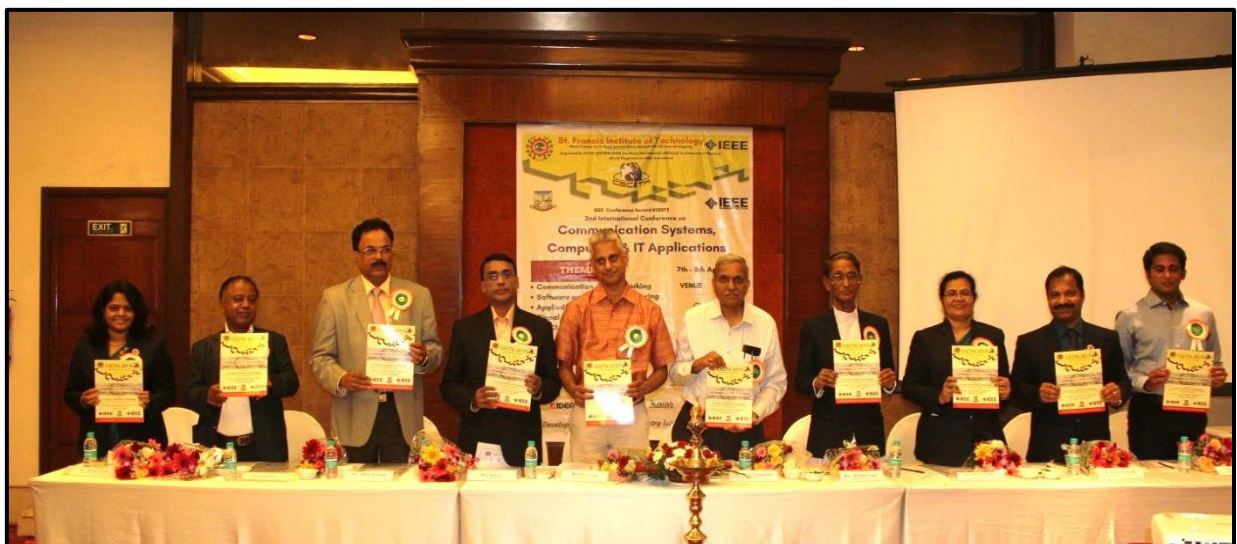
Inauguration

The CSCITA 2017 was inaugurated in a formal function on 7th April 2017. The event was graced by chief guest Mr. Gigi Joseph, Chief scientific Officer (BARC) and Guest of Honor Dr. M.A. Atmanand, Ex-Director, National Institute of Ocean Technology. The inauguration function commenced with St. Francis prayer and SaraswatiVandana. Director Bro. Jose Thuruthiyil welcomed all guests and participants. A ceremonial lamp was lighted to mark the beginning of conference.

Chief Guest Mr. Gigi Joseph addressing the gathering

Principal Dr. Sincy George, Conference chair, Dr. Kevin Noronha and Co-chair Dr. Joanne Gomes lighting the lamp

Release of Conference Souvenir (from L to R): Conference Co-Chair Dr. Joanne Gomes, Bro. Alphonse, Mr. Albert Dsouza, Director Bro. Jose Thuruthiyil, Chief Guest Mr. Gigi Joseph, Guest of Honor Dr. Atmanand, Former Director Bro. Melchior Tom, Principal Dr. Sincy George, Conference Chair Dr. Kevin Noronha and Keynote Speaker Dr. Raj Kettimuthu

Dr. Kevin Noronha, the Conference Chair gave an overview of the conference followed by the release of Conference Souvenir. Guest of Honor Dr. M.A. Atmanand was

formally introduced by Dr. Gautam Shah, H.O.D. EXTC and Chief Guest Mr. Gigi Joseph was introduced by the Principal, Dr. Sincy George. Mr. Joseph gave an interesting plenary talk on "Cyber Security Challenges in Digitally Empowered India". The inauguration concluded with the vote of thanks proposed by Dr. Joanne Gomes, Conference Co-Chair.

Keynote Addresses

The quality of the conference can be judged by the key notes and invited talks delivered during the conference. The conference attendees were privileged to have two key note speakers Dr. Rajkumar Kettimuthu, Computer Scientist in the Mathematics and Computer Science Division, Chicago, USA who delivered a talk on "Research Opportunities in the Changing Landscape of Computer, Network and Data" on 7th April 2017and Dr. Sunil Kumar Kopparapu, Principal Scientist with the TCS Innovations Labs Mumbai delivered a speech on "Recognizing Emotions in Spontaneous Speech" on 8th April 2017. Both of these addresses were quite informative and highly appreciated by one and all.

First keynote speaker Dr. Raj Kettimuthu delivering his speech.

Second keynote speaker Dr. Sunil Kumar Kopparapu addressing the participants.

Session Chairs

There were a total of 10 oral paper presentation sessions. Each session included 5 to 6 papers. Experts and researchers from premier technology institutions and industries were invited to chair these sessions.

Dr. Vivek Agarwal, Dr. Bernard Menezes, Dr. S.N. Merchant, Dr. B. K. Krishna Mohan and Dr. Supratim Biswas represented IITB, Mumbai, Dr. Satyanarayana Bheesette from TIFR, Mumbai and Dr. Sanjay Pawar from UMIT, Mumbai. From industry, Mr. Kushal Tuckley (AVG systems) and Mr. Nimish Somaiyya (Reliance communications) chaired a session each. Keynote speakers Dr. Kettimuthu and Dr. Kopparrapu also chaired sessions. SFIT staff members Dr. Joanne Gomes, Dr. Kevin Noronha, Dr. Deepak Jayaswal, Dr. C. Hariprasad, Dr. Gautam Shah, Dr. Kavita Sonawane as well as principal Dr. Sincy George assisted session chairs.

Invited Talks

Attendees of CSCITA 2017 were treated to some of the finest invited talks. Dr. Bernard Menezes from IITB spoke on "Recent Developments in Network Security", Dr. B. K. Krishna Mohan from IITB spoke on "Recent Developments in Satellite Imaging", Dr. Satyanarayana Bheesette from TIFR spoke on "Leveraging Advances in ICT for Experimental Scientific Research", Dr. S. Biswas from IITB spoke on "Automatic Parallelization of Programs for Contemporary Architectures" and Mr. Nimish Somaiyya from RIL delivered a special talk on Digital India.

Session Chairs for CSCITA 2017
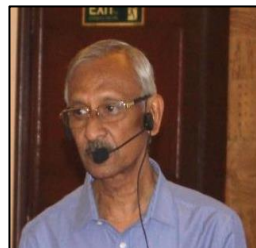

Dr. Vivek Agarwal

Dr. B. K. Mohan

Dr. Bernard Menezes

Dr. S.N. Merchant

Dr. Supratim Biswas

Dr. Sanjay Pawar

Dr. Kushal Tuckley

Mr. Nimish Somaiyya

Dr. B. Satyanarayana

Valedictory Function

Valedictory function of CSCITA 2017 took place on 8th April 2017. Dr. Supartim Biswas from IITB was Guest of Honor and Mr. Anthony Lobo, Chairman, IEEE Bombay section was the Chief Guest. Dr. Kevin Noronha, Conference Chair summarized the conference followed by addresses of Chief Guest and Guest of Honor. Mr. Anthony Lobo appreciated the SFIT management and faculty for the successful organization of the conference describing it as a "benchmark" for other IEEE conferences being arranged in India. Four participants gave rave

feedback about the quality and organization of CSCITA 2017. The certificates were presented to participants and conference attendees. Best paper awards were announced for each track.

Following were the winners:

Track 1: Communication and Networking: Inderkumar Kochar, Swapnil Chilap, Sandip Dhende, Paper title: Compact Wideband Quarter-Wave Transformer Using Stepped Impedance Microstrip Lines

Track 2: Signal Processing: Archana Dinesh and Edeth Bijoy, Paper title: Privacy Preserving Speech, Face and Fingerprint Based Biometric Authentication System Using Secure Signal Processing

Track 3: Software and Process Engineering and Applied Computing and IT: Bikram Pratim Bhuyan Paper title: Relative Similarity and Stability in FCA Pattern Structures Using Game Theory

Track 4: Digital India: Thongchai Kaewkiriya Paper title: Design of e-Learning Content for Student Guidance Based on ILS and 4MAT Theory

Former Director Bro. Melchior Tom giving Best Paper Award in Digital India track to Mr. Thongchai Kaewkiriya

Team SFIT

In conclusion, CSCITA 2017 was indeed a memorable event for all the participants. The organizing committee members and the entire SFIT staff had put in their best efforts to make it a grand success. The invited speakers, experts and the participants were overwhelmed by the hospitality and meticulous organization of the conference. Team SFIT promises everyone to roll out even better and bigger CSCITA 2020.