

Report on CSI Activities 2018-19

Computer Society of India is a professional society of Computer Engineering Department. The CSI committee is formed for the academic year 2017-18 and the details are given below:

Convener (Faculty)	Ms. Shweta Tripathi
Co-convener (Faculty)	Ms. Shagufta Rajguru
President	Ms. Ankita Shinde
Vice-President	Ms. Anuja Patil
Secretary	Mr. Rajshankar Khattar
Treasurer	Ms. Annie Grace
Executive Members	Mr. Gavin Lewis
	Mr. Aditya D'souza
	Mr. Ashriel Waghmare
	Mr. Yashveer Singh Sohi

Various activities were conducted under the banner of this society. This report provides the details of all these activities.

CSI – FCRIT Second Half 2018

This Academic half, CSI conducted many exciting and useful activities that the students took part in very enthusiastically. The students were given a much needed competitive platform to showcase their talents via the Summer Project Competition which was conducted by the computer department under CSI-CRYPTEX. Every student participated in the competition with gusto and the resulting projects were amazing. A “Summer Mini-Project Evaluation” event was conducted where all the innovative projects were exhibited. The best projects were chosen and were then announced as the winners of the competition at the end of the day. The CSI-CRYPTEX also conducted various other coding events in this semester in which the students participated keenly.

The key note of this academic year was the inaugural function of ACESS- Agnel Computer Engineering Students Symposium- which was held on 4th August 2018. The programme began with the inauguration ceremony, followed by the speech given by the CSI president Ms. Ankita Shinde who gave the highlights of the event. A speech was given by Dr. Lata Raha, HOD, Computer Engineering, emphasizing on importance of CSI and the way it functions. Then the chief guest, Adv. Vicky Shah delivered a keynote speech followed by our Principal – Dr. S. M. Khot, and the Managing Director – Rev. Fr. Almeida.



The felicitation ceremony of the summer project winners took place. They were awarded certificates by Rev. Fr. Almeida. The winners were as follows:

First Prize -

1. Naeem Patel, Himanshu Pushkarna, Abishai Kochara, Salome Palani for ‘Facial Emotion Detector’.

Second Prize -

1. Ankita Shinde, Anuja Patil, Srujan Patel, Kaustubh Magdum for ‘Facial Recognition’.
2. Gavin Lewis, Vipul Borhade, Ashriel Waghmare, Akash Kankariya for ‘Student Portal’

Third Prize -

1. Atharva Agwekar, Ryan Noronha, Gaurav Makasare, Prasun Philip for ‘Online Electronic Store’.
2. Tejesh Jadhav, Shruti Telang, Raveena Dandona, Siddhi Bothraa for ‘Business Card Reader’.
3. Dipak Tiwari, Varghese Jacob, Jovin Mathias, Sandesh Mathias for ‘The Blind Walk’.

The inauguration concluded with vote of thanks delivered by Mrs. Shweta Tripathi.



The day consisted of 3 sessions. The first session was conducted by the chief guest Vicky Shah, who is an advocate of Cyber Law. He works at The Eagle Eye which is a cyber-security consulting firm. He has also imparted Cyber Crime Investigation training to Police Officers. He spoke about Cyber Security, the cyber security breaches that are possible today and about legal remedy concerning such breaches. Taking the Aadhar frauds as an example, he spoke in detail about the technical details and legal complications involved. The students were captivated by the real life happenings he chose to speak on- a small scale Airtel Scam, an online banking glitch that was exploited by a group, were

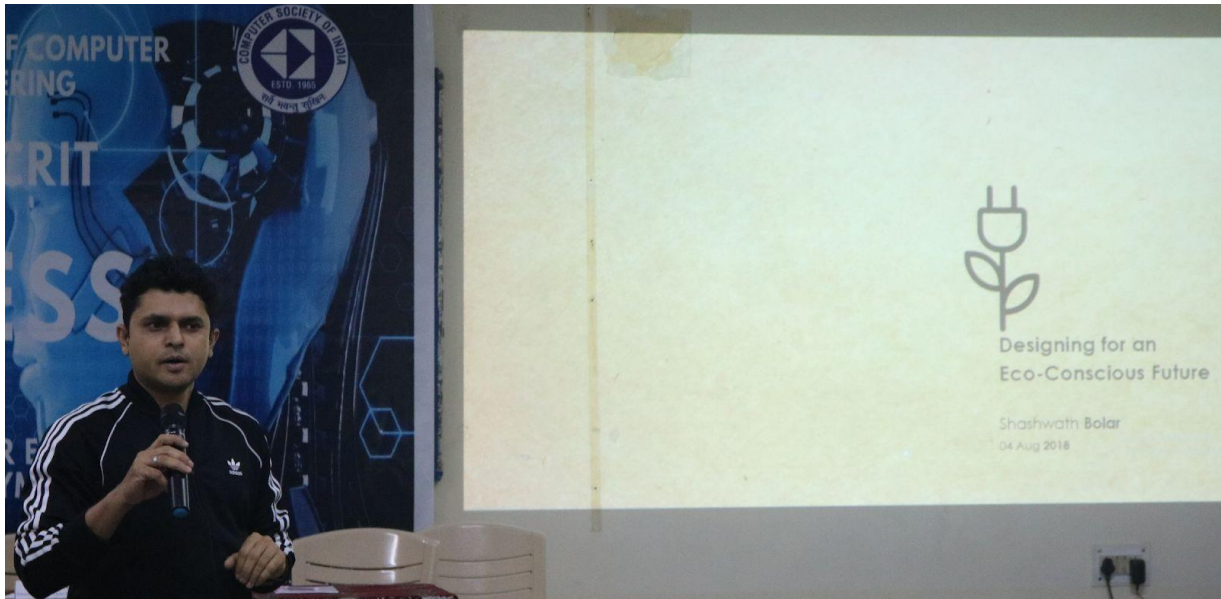
a few of such examples. The students were astounded on being presented with the legal aspect of computer technologies.



The second session was conducted by Ms. Shilpa Karkera who is the successful CEO of Myraa Technologies. She spoke on Blockchain technology and Virtual Reality. The students were naturally interested in these trending topics. At the end of the session, Ms. Shilpa graciously offered internships with Myraa Technologies to the students. Many of the students took up these internships.



The third session was conducted by Mr. Shashwath Bolar, who heads the Color, Trim & Design section of Bajaj Auto Ltd. He is an automotive designer who has worked in Australia, UK and Japan. He focused on designing for an eco-conscious future. Mr. Shashwath shared a couple of his designs models for electric cars and trucks for Tata Motors, UK. He explained the designs and their significance. The students were very eager to know more about the design process.



CRYPTEX had some exciting workshops and coding competitions conducted under its banner. A workshop on the Basics of Data Analysis and Machine Learning, an Android Workshop and a Web Development Workshop were conducted. All the workshops received a very positive response with students eagerly participating in them.

- The Basics of Data Analysis and Machine Learning Workshop taught the students the fundamentals of Machine Learning and Data Analysis. The softwares used were Pandas, Numpy, Matlab, Python.
- The Android workshop taught the basics of Android app development. The students were shown how to use the Android Studio to build a simple Android app.
- The Web Development Workshop focused on the creation of websites aided by the Django Web Framework. The students were taught to create websites using HTML, CSS, Python



A Technical Treasure Hunt Competition was conducted under Cryptex and was organized by third year students. 4 teams from semester-3 participated in the hunt. They had to find clues from the labs, some of which were questions about computer networking while the others made them perform binary to decimal conversions. All the teams played well. The winners of the events were given prizes. All the participants benefited from the competitive experience.



The CSI Seminar and the CRYPTEX event was a success due to the collaborative efforts of the Third Year Computer Students and the Teachers. The planning, organization and execution of the successful events was appreciated by all who were present. The students who took part as well those who were involved in conducting both benefited greatly from the experiences. An active role was played by the teachers overseeing the students thus ensuring a smooth flow of events.

CSI-FCRIT First Half 2019

This Academic half, the CSI-FCRIT chapter conducted two enthusiastic activities- 'ACCESS 2019' and the FCRIT Hackathon. These events were conducted as a part of the annual college festival 'ETAMAX'. 'ACCESS 2019' was held on 28 February 2019 while the Hackathon- the centerpiece of first half of 2019 - was hosted from 28 February to 1 March 2019

'ACCESS 2019' was headlined by two eminent speakers- Ms. Ayesha Patel & Ms. Radhika Khandari. Students from all branches attended the seminar. The seminar began at 9:00 AM with a short initiation ceremony. The winners of the Cryptex Competition which was conducted in the previous half, were awarded. Cryptex had consisted of two different events- 'Decrypto' and 'Technical Treasure Hunt'. The winners are as follows-

Decrypto :

- 1st Prize: Vikas Tripathi, Veerasai Subramaniam
- 2nd Prize: Elson Pinto, Sairam Tushar Maddala
- 3rd Prize: Melvin Thankachan, Parth Shinde
- 4th Prize: Nikhil Tatpati , Atharva Sawant

Technical Treasure Hunt

- 1st Prize: Sebi Samuel, Shreeraj Pawar, Prince John, Romik Amipara
- 2nd Prize: Christy mathew, Noel pudussery, Alistair Baretto, Evan Velagaleti



Following this, the speakers addressed the students. The first speaker for the day was Miss Ayesha Patel, who is a leading UX/UI designer and works as a designing consultant for several firms. She had pursued a degree in Journalism and Mass Media. She decided to become a graphic designer whilst working at AIESEC. She verbalized on the importance of user experience, stating that in a world driven by smartphones and applications, the interface should be modelled such that it is

visually appealing and user friendly. She recapitulated the importance of UI by comparing several leading Software brands in the market and their applications, specifically, why they enjoy more success as opposed to their peers. She divulged her key to success, the principle of 4 D's- Discover, Define, Develop and Deliver.



Miss. Radhika Kandhari spoke extensively on the topic of Personal Ethics. Personal ethics is essentially a set of moral principles that govern the behaviour of an individual human being. A myriad of real life scenarios were discussed and the ethical aspect of each scenario was scrutinized, as to why the conduct of the person involved in each case was justifiable or not.



The CIC Hackathon was hosted from 28th February to 1st March 2019. 8 teams participated in this hackathon. The participants had chosen their problem statements prior to the competition, from a list of topics that was allotted to them. The students had to come up with their coded solutions within a time span duration of 24 hours, spread over 2 days. The teams went through a series of two rounds. The preliminary rounds were judged by an eminent panel of judges. The panel included Ms. Megha (Associate Prof. EXTC Dept.), Ms. Pranali (Asst. Prof EXTC Dept.), Mrs. Kiruthika (Associate Prof. Computer Engineering Dept.), Ms. Trupti (Asst Prof. IT) and Mr Vishram Kunte (Program Manager at Capgemini).



The final rounds jury panel consisted of Mr. Ashish Khare (Senior Manager-Citius Tech), Mr. Shashi Duggad, Mr. Karan Bhalerao, Ms. Mini Rajeev (Associate Prof. Electrical Dept.), Mr. Mubasshir (COO, Eiosys) and Ms. Shilpa Karkeraa (CEO, Myraa Tech). Harshit Rai, Rashmi Pawar and Vishwas Singh bagged the first prize for their innovative idea of “Detecting the Suryanamaskar pose”. The second prize was bagged by Snehit Paunekar, Madhura Dumbre, Mohil Palav, Dylan D’souza, Jariel Gojar and Joel Mirinda for their solution which was aimed at “Differentiating two documents”.

First prize - Harshit Rai, Rashmi Pawar and Vishwas Singh for “Detecting the Suryanamaskar pose”



Second prize - Snehit Paunikar, Madhura Dumbre, Mohil Palav, Dylan D'souza, Jariel Gojar and Joel Mirinda for “Differentiating two documents”



The ‘ACCESS 2019’ and CIC Hackathon events were a success due to the combined efforts of the Third Year Computer Students and the Teachers. The planning, organization and execution of the successful events was appreciated by all who were present. The students who took part as well as those who were involved in conducting both benefited greatly from the experiences. An active role was played by the teachers overseeing the students thus ensuring a smooth flow of events.