

CSI SPIT REPORT 2019-20



S. Chaudhary

Faculty In Charge: Prof. Kailas Devadkar

CORE COMMITTEE MEMBERS:

- **CHAIRPERSON:** ANISH DIXIT
- **VICE CHAIRPERSON:** AMAN AGRAWAL
- **SECRETARY:** TANIA RAJABALLY
- **FINANCE HEAD:** SOMIL JAIN
- **EVENTS HEAD:** ARYA KOTHARI
- **TECHHEAD(UI/UX):** PALAK DAVDA
- **TECH HEAD(CORE):** SARAH GAWDE



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Subcommittee Members:

- Akshat Bhat
- Shubham Shetty
- Chirag Jain
- Sarika Singh
- Yug Vajani
- Rucha Kulkarni
- Jay Mehta
- Shashank Patel
- Shobhit Verma
- Luv Gupta

Coordinators:

- Abhishek Chopra
- Jash Jain
- Kashish Jain
- Bhavya Shah
- Yug Jain
- Mihir Nikam
- Jeenal Mehta
- Shria Srivastava
- Oindrella Ghosh
- Aniket Gawade
- Chinmay Walinjar
- Pushkar Sutar



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EVENTS 2019-20



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SE Orientation

Date : 26/07/2019

Conducted By : CSI - SPIT

CSI-SPIT flagged off the 2019-20 academic year, with its first event, an orientation session for Second Year students. The session was conducted by the CSI Core Committee members and received an enthusiastic response from students of SE COMPS and SE IT.



The agenda of the session was basically to provide second year students with a path on how to build their profiles and improve their skill sets over the course of the year. A basic introduction was given to important fields such as android development, web development, machine learning and so on. Students were also given a glimpse into competitive programming and hackathons, which are extremely useful for any CS student.



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Next up, an overview was given of the current activities being planned by CSI for SE students for the upcoming year. Students were also asked for their opinions about what kind of events or workshops CSI can conduct for them.



The session concluded with the Core Committee opening applications for the CSI Subcommittee and explaining the application process. Overall, it was an informative event, a good ice breaker between juniors and seniors, and a cursory indicator of what was to follow in the year to come.

“The orientation session was very helpful for us to get to know what we should focus on during the upcoming year. Thanks to CSI for organizing this!”

- Sarika Singh (SE COMPS)



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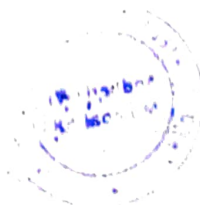
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FE Orientation

Date : 9th August, 2019

Conducted By : CSI SPIT .

Only a couple of weeks had passed since the freshers arrived at their new home of education, getting introduced to the college functionalities and culture. It was this time when CSI S.P.I.T planned to conduct an orientation for all the first years of the computer science department, to familiarize them about the committee and the college.

The committee decided to conduct this orientation during the lunch break, as this wouldn't disturb the schedule of any student or faculty. The orientation began with introducing the core committee, along with the beliefs and aims of the Computer Society of India. Then the committee continued with a presentation which showcased all the hit events of last year including the popular S.P.I.T Hackathon which achieves massive recognition throughout the country. The juniors were also shown a small after movie which comprised all the activities conducted by CSI and the college last year. This was followed by discussions of events that would be conducted in the following year. The students were enlightened about the benefits and fruitfulness of being a CSI member, which would make themselves a part of this large technical community. There was great enthusiasm throughout the orientation especially with the announcement of interviews for the sub-committee of the upcoming year. As a gesture of goodwill, the committee also ordered for some appetizers and refreshments for the freshers which made them feel welcomed and overwhelmed.

The juniors were delighted by the hospitality they received from the committee and also succeeded in generating a deep bond with their seniors. This initiative by CSI not only helped in fostering new friendships throughout the computers department but also assisted the newly admitted students to get well acquainted with the department and its activities.



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TREK TO KOTHALIGAD FORT

Date : 17th August, 2019

Conducted By : CSI and FACE

"In every walk with nature, one receives far more than he seeks", and this definitely does not imply all the physical exhaustion that one experiences after a trek. The FACE-CSI trek to Kothaligad Fort, scheduled on 17th August, marked an adventurous beginning to a forthcoming and equally demanding year of engineering for the first years. Rocky terrain, lush greenery, cascading waterfalls and a group of enthusiastic trekkers best describes the trek. They slipped, they fell, but nevertheless, they persevered. Finally, after a relentless 3-hour long climb they summited and were greeted by a mesmerising view, a befitting reward for all the hard work.

The adventure didn't end here. The real task was to descend down the fort. The enthralling waterfalls, lush greenery was enough to distract the trekkers all the time, their inner gravity constantly pulling them towards the summit. Watching each other slip and fall but rise up as enthusiastically as possible was as satisfying as it was hysterical. To sum it up, what is more joyful for people living in cities who are accustomed to remain in the closed artificial atmosphere than to derive real pleasure out of life in the midst of nature.

"It was a really special experience. Definitely worth the effort. I remember feeling extremely proud on reaching the summit", said Shivam Bhat from FE Computers.



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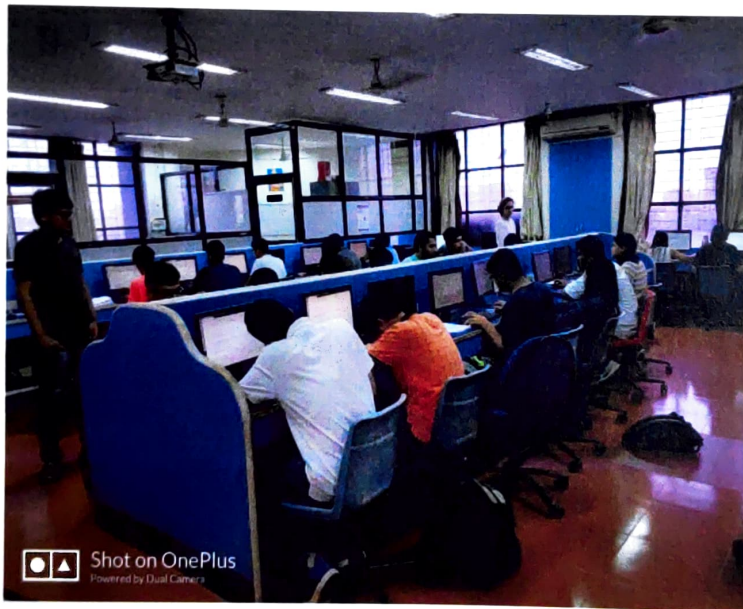
HACKERRANK COMPETITION

Date : 14th August 2019

Conducted By : CSI

On 14th August, CSI organised Hackerrank Contest #1, it's first event for the academic year 2019-2020. This event was held for the SEs to kick start their technical coding skillset development.

The contest was a 45 minute long coding challenge which had 2 questions each of which was based on the concepts taught in the First Year. The concept of linked list was targeted in the first question, whereas the second one tested array manipulations.



The event saw the participation of more than 60 students. The top 3 students having the highest score out of 100, received prizes. In the case of a tie in the scores, the time taken to solve the question was taken into account with the lesser time having a higher rank. At the end of an intense competition, there were 5 students with the top score of 64, but Chirag Jain of SE IT bagged the first prize on the basis of his faster response! Om Shah and Sagar Badlani, both from SE IT, secured the second and the third prize respectively.



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Chairperson Anish Dixit felicitating Chirag Jain

On the whole, this event was a success and evoked an overwhelming response from all the students!

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C WORKSHOP

Date : September - November 2019

Conducted By : CSI

Stepping into an engineering college can be an overwhelming experience. With new people around and multiple avenues to explore, students often find themselves confused. To help ease this transition, CSI believes in helping out first-year students through their annual C-workshop. Keeping up with this tradition, the workshop was held in this academic year as well.

Our Objective-

The idea behind this workshop is to help students get familiarized with programming. Many first-year students do not have programming experience and require more attention and practice to learn. Our second-year subcommittee members take up this task and organize sessions to teach their juniors programming in C language. In these sessions, they try to cover the syllabus of SPA and hold doubt solving sessions. Assignments are also provided for additional practice.

These workshops have proven to be beneficial, not only because of more attention to each student, but also because they encourage the juniors to talk to seniors, who can guide them from their experience, and learn from them.

Workshop Structure-

This year, 7 sessions were held. The sessions were held in the morning, before lectures to suit all branches. 2 batches were formed - EXTC and ETRX, Computers and IT to help each batch learn at their own pace. Each session was attended by an average of 30 students, and at the end of each session, doubts were cleared and next week's assignment was given. The topics covered included-

- Datatypes and operators
- Branching and iterative structures
- Functions
- Arrays
- Strings
- Pointers
- Structures
- Recursion

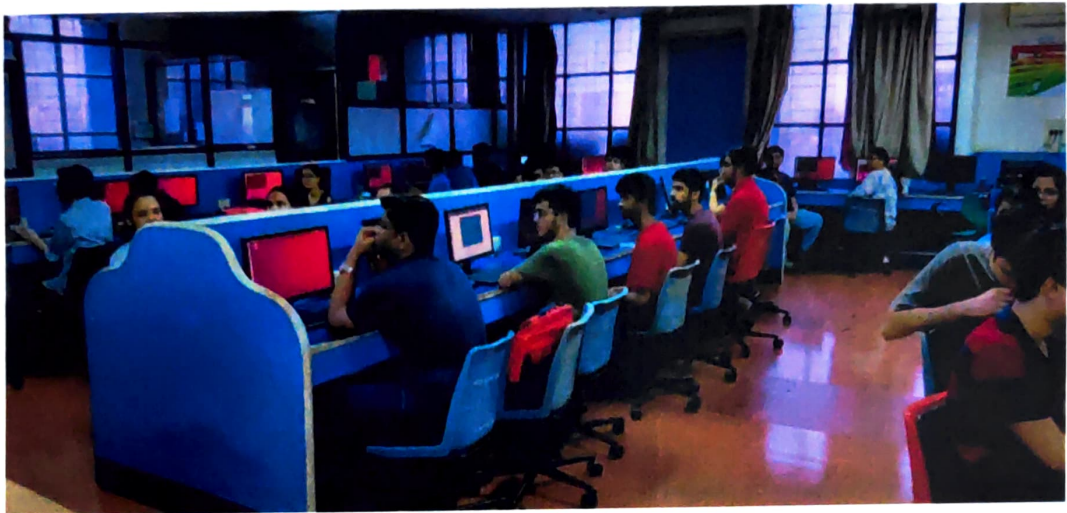
These topics were covered in the sessions that lasted for 1.5 hours. The subcommittee members divided themselves into 2 groups of 5 to teach in each batch. Of these 5 people, 2 taught on the board, while the remaining 3 helped the students personally.

The first-year coordinators played a big role in bringing people to the workshop and conveying the needs of the students. This helped us tailor our program to suit the needs of the students.



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A Glimpse into 2019-20's Workshop-



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Student Feedback-

“The workshop was a great introductory course which covered all major concepts clearly. The instructors were very approachable and encouraging. The conceptual portions were balanced effectively with engaging quizzes and thought-provoking questions.”

- Kashish Jain, FE Comps

“It was great to see our seniors taking out time from their busy schedule to help us with some crucial technical concepts. It not only strengthened our coding skills but also helped us in clearing our doubts and fostered the junior-senior relationship. All in all this initiative by CSI turned out to be quite fruitful and beneficial for us.”

- Abhishek Chopra, FE Comps

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S.P.I.T HACKATHON 2020

Date : 1st-2nd February 2020

Conducted By : CSI

CSI-SPIT, the technical committee of Sardar Patel Institute of Technology, organised the S.P.I.T Hackathon on the 1st and 2nd of February 2020.

The event was inaugurated in the SPJIMR auditorium by the principal of SPIT, Dr. Y.S. Rao. Others present included Mr. Vinod Sikka, Prof. Kailas Devadkar, Mr. Mustafa Sheikh and Ms. Priyanka Allen. They all interacted with the audience present and left them baffled with their intelligence. The chairperson of CSI, Mr. Anish Dixit, then explained the rules of the Hackathon, thus concluding the inauguration ceremony.

The Hackathon witnessed around 35 teams and 140 students from colleges across the country. The competition kick-started with coding and went on for the next 24 hours. Refreshments and accommodation were provided for all the participants. A gaming lounge was also established for recreational purposes. T-shirts, as well as stickers, were distributed to the participants by the volunteers present.

There were also detailed mentoring rounds with every team getting 3 interaction rounds with patronage tutors and also from past Smart India Hackathon winners. Experts from Sequaretek, interacted with participants via voice call, whereas experts from Zubi.io and Enroot were actually present over there. The final top 10 teams were chosen on the second day of the hackathon, i.e. 2nd February.. They had to pitch their products to a panel of judges with a dedicated question and answer session for each team.



Mentoring sessions during the hackathon



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Dr.Y.S.Rao, Principal of S.P.I.T, and the judges of the hackathon, experts from Sequaretek, Mr. Nishant Kumar from Zubi.io and Ms.Ruchi Gaur from Scholr embarked the most awaited closing ceremony after the very lanky and intense twenty four hours. The 3rd place was bagged by the Team BackPropG-2+2 from Sardar Patel Institute of Technology. They received a cash prize of Rs.8000, credits worth 2500\$ from Crowdera and CodingBlocks T Shirts. Team Majestico from SIES, Navi Mumbai secured the second place receiving a cash prize of Rs.12000 with a memorable trophy and credits worth 2500\$ from Crowdera and CodingBlocks T Shirts.



Winning Team : KEDS

The winning team of S.P.I.T. Hackathon 2020 was team KEDS from Fr. Conceicao Rodrigues College of Engineering, Mumbai. They took home a cash prize of Rs. 20000, credits worth 7500\$ from Crowdera, CodingBlocks T Shirts as well as the grand trophy. The event was successful in all aspects and was a memorable one.



Signature



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There were many more exciting and important events which we had planned, but due to the college being shut down in this unforeseen pandemic situation, we couldn't get to conduct them.

However, we leave the reins to the incoming committee members for the year 2020-21 to take CSI- SPIT to greater heights!

Signing Off,

Team CSI-SPIT, 2019-20.



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