SVCE ACM STUDENT CHAPTER - Reporting Year 2017

Section 1 - Member Information

Total Number of Chapter Members
- Student   36

Total Number of Chapter Members
- Professional   1

Section 2 - Meetings and Recent Activities

Number of general meetings in the   2
2016-2017 program year

Average meeting attendance   3 0

1. General   Body   Meeting
Number in Attendance: 30
General Admission: 0
2. Cost to Chapter: 0

Abstract: First General Body Meeting for the academic year
Start: 10-Jul 2016
End: 10-Jul-2016

3. C workshop
Number in Attendance: 180 Cost
of General Admission: 0
Cost to Chapter: 0

Abstract:
Start: 10-Sep-2016
End: 21-Sep-2016

4. General Body Meeting
Number in Attendance:
30

Cost of General Admission: 0

Cost to Chapter: 0

Abstract: Second General Body Meeting for the academic year

Start: 10-Oct-2016

End: 10-Oct-2016

5. Containerization & Docker Technology, React Native Framework Number in Attendance: 40

Cost of General Admission: 0

Cost to Chapter: 0

Abstract:

Start: 25-Feb-2017

End: 25-Feb-2017

6. An Introduction to Data Science

Number in Attendance: 30

Cost of General Admission: 0

Cost to Chapter: 0

Abstract:

Start: 05-Apr-2017

End: 05-Apr-2017

Section 3 - Upcoming Activities

1. Game of Codes

Abstract: The aim was to provide student-sourced guidance to other students on attaining maximum success in placement interviews. The event kick started with a mock coding round, followed by an interactive session where students who had already been offered jobs at companies such as Dell shared their valuable experience in interviews and answers to commonly asked programming questions. The event was a success, with each participant getting a confidence boost

Start: 04-Aug-2017

End: 04-Aug-2017

2 Inheritance Hack

Abstract: The SVCE ACM Student Chapter, the Association of Computer Engineers and the iGEM Team of SVCE came together to organize the Inheritance Hack - a one of a kind interdisciplinary hackathon on Synthetic Biology that requires a Computer Science Application. This hackathon was conducted in Sri Venkateswara College of Engineering on the 26th and 27th of August, 2017. 8 teams consisting of 2-3 members each took part in this hackathon. Each team was to make an educational app, based on riboswitches or biobrick assembly within a time period of 24 hours. Finally, each teams app was judged by Dr. Ravi Kant from Saksin and the team which had made the best, most efficient app was awarded with a cash prize of Rs.15000. The main aim of this event was to enable the participants to collaborate and learn beyond their specialized course of curriculum. This unique opportunity enthralled the participating teams more than anything else resulting in a befitting grand success.

Start: 26-Aug-2017

End: 27-Aug-2017

3 Disrupt

Abstract: A technology based debate, Discord, was conducted by the SVCE ACM Student Chapter. on 21st September, 2017. This debate was open to 2nd, 3rd and 4th year students from all over the college. 14 people participated in this event. The main aim of this event was to ensure that students learn to stand up for themselves and for what they believe in because thats what it takes to succeed in the corporate world. These top notch debates were well received and appreciated by a sizeable and enthusiastic audience that served as strong encouragement to all the participants. The debate had multiple rounds. The best participants were filtered out and made to debate against each other in the final round. Joshua Samuel and Chaitra emerged as the winner and the runner up. The outstanding highlight of this event was the depth of research and analysis that participants had done on their topics - they truly left no stone unturned.

Start: 21-Sep-2017

End: 21-Sep-2017

4 Webbed - Web Development Workshop

Abstract: A Web Development workshop was conducted as a part the

Computer Science Symposium of Sri Venkateswara College of Engineering, Interrupt, by the SVCE ACM Student Chapter on 25th September 2017. The workshop focused on LAMP Stack. The various students attending the workshop were asked to setup an apache server along with a database and were taught the basics of HTML, CSS, JavaScript, PHP and SQL with the help of simple, crisp examples. Bootstrap Framework was discussed elaborately since it is one of the most commonly used frameworks for building a responsive website. The workshop also touched upon various other concepts in a more theory oriented way such as Ajax for asynchronous server requests, hosting/deployment of a website and various other languages currently being used in the industry. A Portfolio Website was prepared to demonstrate the interaction between the frontend and backend of Web development thereby enabling the participants to get a hands on experience.

Start: 25-Sep-2017

End: 25-Sep-2017

5. Breach

Abstract: An online technology based debate, Breach, was conducted on the Discord App by the SVCE ACM Student Chapter on 2nd October, 2017. This event was exclusive to the first year students, from all the departments, of Sri Venkateswara College of Engineering in order to nurture them to be strong individuals. 10 people participated in this event. The main aim of this event was to ensure that the students learn to analyze any given topic objectively and holistically because that's what makes them stand out of the crowd and outshine. The debate had multiple rounds. The best participants were filtered out and made to debate against each other in the final round. Hariharan.B from 1st year, ECE-A and Kaaviya Baskaran from 1st year, IT-A emerged as the winner and the runner up. The unique success factor that came out throughout this debating event was the fact that all participants focused on positive arguments and rebuttals rather than putting down the competition.

Start: 02-Oct-2017

End: 02-Oct-2017

6. Hour of Code

Abstract: The Hour of Code is a global movement designed to generate excitement in young people about programming and technology. Games,

tutorials, and other events are organized during the Computer Science Education Week every year between December 4th and 10th. This year, the ACM Student Chapter of SVCE decided to contribute their part to this global initiative by conducting a participatory workshop in Don Bosco School on 4th December 2017. About 40 students from 9th and 10th grades attended the event. An interactive tutorial (from the hourofcode.com) which focuses on the basics of Python, was used to ensure a great learning experience for the students. It had a chatter bot, named Eliza, explain the basic concepts of Python such as input, print and loop statements. The students then tried their hand at coding with some guidance from the ACM volunteers. The students were more than just excited with the tutorial sessions and the hands on experience. They participated passionately and gained reasonable expertise on the fundamental concepts of Python. The workshop thereby succeeded in giving students a head start for their future endeavors. They were actually able to widen their knowledge about coding and thus the essence of Hour of Code was achieved.

Start: 04-Dec-2017

End: 04-Dec-2017

7. Blockchained

Abstract: A technical lecture on block chain was conducted by Mr. Tarun Chinmai, a blockchain enthusiast and a software developer at Akamai. The session started off with an introduction on what the blockchain, some information about its mysterious creator and the reasoning behind its creation. He then touched on the most popular cryptocurrencies with brief explanations on each. The lecture included demos of the blockchain ledger system as well as a clear explanation of the hash functions involved and the concept of 'mining'. Tarun also debunked the many myths about blockchain. He then went into an depth explanation and talked about Merkel trees. It ended with an interactive Q&A session with questions involving everything from Mt. Gox to whether they should invest in cryptocurrency

Start: 28-Dec-2017

End: 28-Dec-2017

8. ACM-FORESE Coding Test

Abstract: A 4 hour long coding test was conducted on 6th January 2018 in association with the placement cell of the college. The test was held on the

HackerRank platform with a total of 103 students of the CS and IT branches participating. The questions were of varying difficulties with the easiest requiring a student to find the maximum of 4 numbers and the toughest asking them to reverse a linked list. The test was scored out of 200 points with two students managing to get the perfect score. However the majority of the students received scores below 50 with only 35 students scoring 50 or more. Based on a combination of the results of this test, student feedback and discussion with faculty members, a coding development programme was established.

Start: 06-Jan-2018

End: 06-Jan-2018

TechQWiz

Abstract: A non-technical quiz based on technological trends and facts was conducted on 16th February, 2018. It was divided into 4 different rounds. The quiz started off with the Quizmaster, Akash Saravanan explaining the rules and the format. After a trick question to put the crowd at ease, the quiz began with an energized audience. The first round consisted of questions over a variety of fields which have been in the news recently. The questions in this round related to everything from Snapchat   s recent design update and the uproar behind it to cryptocurrency millionaires, Boston Dynamics Spot Mini robot and the recent Meltdown and Spectre vulnerabilities. The second round was a logo round with 15 logos that the teams were asked to identify. This round was followed by a Connectround wherein the teams were presented with a serie of images and were asked to connect them to a specific language, company, technology or person. The final round was an exciting 20 question round on technology, both new and old. Overall, there were 18 teams of 2 evenly spread across the 2nd and 3rd years. Ultimately, CoreML consisting of Gurudutt P. and Chran S. of the 3rd year came out as the winner by a narrow margin. The event was a very informational and exciting session for all the participants and they requested more quizzes to be conducted. A majority of the participants praised the selection of questions and stated that they acquired new knowledge that
they wouldnt have normally encountered.

Start: 16-Feb-2018

End: 16-Feb-2018

9. ACM-FORESE Coding Development Programme

Abstract: A coding development programme was conducted for the 3rd year

CS and IT students of the college from February 1st 2018 to March 31st 2018 in association with the placement cell of the college. It consisted of 110 students who were split into categories based on their mastery of programming. Ample resources in the form of YouTube lectueres, ebooks and interactive tutorials were provided to the students to learn more about topics given for the week.

To aid with their learning, an assignment was given every week as well with questions based on the topic of the week. This way the students were able to both learn and do at the same time. At the end of the programme, a final test on HackerRank will be conducted with questions based on the topics covered during the programme. Based on the category, topics covered started from conditional statements and went as far as linked lists and advanced sorting algorithms like merge sort and quick sort.

Start: 01-Mar-2018

End: 31-Mar-2018

10. TechTaboo

Abstract: A game of unspeakable fun and naming technology which should not be named, Tech Taboo, was conducted as a Womens Day special event by the SVCE ACM Student Chapter on March 9th, 2018. A total of 29 girls participated in this tech game, who were split up into 10 teams. The main aim of this event was to encourage women to explore the depths of technology in the most fun-filled way possible. All of the teams participated with a lot of enthusiasm and excitement. In the end, the team consisting of Adela Florence, Brammi.J and Dhivya.R from 2nd year, CSE-A emerged as the winning team. This was a fun-filled tech event which pushed people to not only use their tech knowledge, but also their wit and presence of mind.

Start: 09-Mar-2018

End: 09-Mar-2018

Section 4 - Authorization & Signatures

Comments and Remarks: No comments or remarks

I hereby certify that the above information has been examined by me and to the best of my knowledge I believe that it is true, correct, and complete, and made in good faith for the fiscal year stated.

Authorizing Officer: Mr Laksh Khanter - Chair

Section 5 - Finalize Report

The 2017 Report has been finalized.