



# SVCE - ACM Student Chapter Report

2021 - 2022

## Board Members

Role	Name
Chair	Vishal Pranav M T
Vice Chair	Dhiraj V
Secretary	S Nikhilesh
Membership Chair	Sandhya V
Treasurer	S Ashwin
Creative/Marketing Lead	Benita Majo C
Webmaster	Sree Vishal R

# Table of Contents

---

Board Members .....	1
---------------------	---

## Events

---

Inauguration .....	3
TechSpeak .....	4
Code Storm.....	5
December of Algorithms.....	6
The Missing Semester.....	7
Disrupt .....	8
Yet Another Hackathon'22 .....	9

# Inauguration

Conducted on the 30th of August, 2021

30th of August 2021 marked the inauguration of the SVCE ACM Student Chapter for the Academic year 2021-22. Owing to the pandemic the inauguration was conducted in virtual mode. The chief guest for the event was Mr. Gundeep Singh, a TEDx Speaker, an ethical hacker and a successful entrepreneur. The inauguration began with a welcome for our faculty coordinators, who in turn introduced the chief guest.

The chief guest conducted a webinar on the topic The Journey of Breaking (Hacking) and Building (entrepreneurship) Things and gave valuable insights to his audience by sharing his journey in the tech field. The chief guest also spoke in detail about hacking and demonstrated it with examples by involving the students. It was followed by the introduction of the new office bearers and the new executive members of the club.

The webinar concluded with an interactive Q&A session between Mr. Gundeep Singh and the audience.



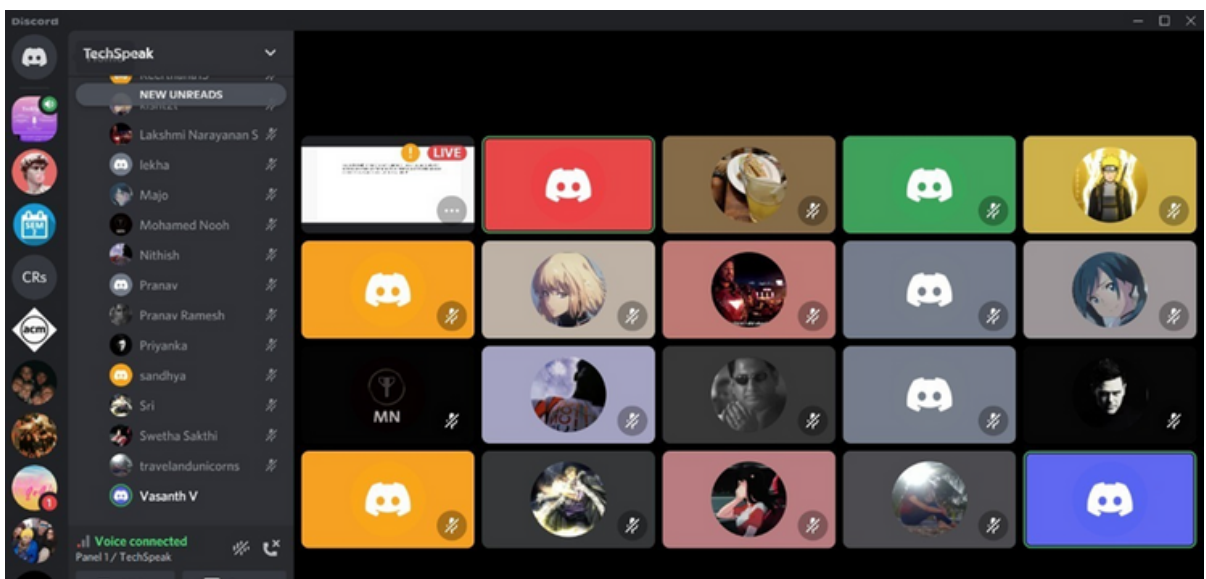
# TechSpeak

Conducted on the 9th of August, 2021

TechSpeak was our first event for the academic year 2021-2022. The prelims round consisted of a set of Would You Rather questions where the participants had to choose one of the options and explain the rationale behind their choice.

The final round was called Powerplay where the students were given a scenario for which they came up with a feasible technical solution within the stipulated time. The event lasted for over 5 hours and was a very engaging and a competitive affair.

There was one winner and two runners up for the event. All the participants were provided with participation certificates and the winners were given an internship interview opportunity with Socioacquire.



# Code Storm

Conducted on the 21st of November, 2021

Code Storm was a problem-solving based online coding contest conducted by the SVCE ACM Student Chapter. The event aimed at providing a healthy and a competitive platform to exhibit students' problem-solving skills. It was open to students from all departments and years from our college.

The event was conducted on HackerRank and the participants were given 15 problems of varying difficulty levels (easy, medium and hard). All participants were given 2 hours to solve a maximum number of problems and submit their codes. The contestant with the highest score at the end of the event was adjudged the winner.

The winner, the runner-up and the second runner-up were awarded with prizes for their commendable problem-solving skill.

# December of Algorithms

Conducted in the whole of December, 2022

The December of Algorithms is a flagship event of the SVCE ACM Student chapter introduced in 2018. The participants have to complete 31 algorithms in a span of 31 days and commit their changes to the git repository hosted on github. The difficulty levels of the algorithms progressed from easy to hard, thus providing a platform for all students to exhibit their coding skills.

At the end of the 31 days, the participants received certificates of appreciation depending upon the number of problems they solved.

Link: <https://github.com/SVCE-ACM/A-December-of-Algorithms-2021>

# The Missing Semester - Workshop

Conducted on the 29th and 30th of January, 2022

The Missing Semester was a live hands-on workshop organized and conducted by the SVCE ACM Student Chapter. The participants had an opportunity to gain valuable insights on a number of in-demand tools of the industry which are usually overlooked in the curriculum. This event specifically had limited entries to have a one-on-one session between the mentor and the participant for more productivity.

The workshop covered the following topics:

- Docker, Virtual Machines and Containers
- Version Control (Git)
- Shell tools and Scripting
- Debugging and Profiling

The workshop which was conducted in a span of 2 days was highly informative and beneficial for the participants. They were divided into 4 groups, each headed by a mentor. Overall, this workshop helped the students to learn new technology and enhance their skillset.

## Debugging: Printf debugging and Logging

- A tip to make logs more readable is to **color code** them.
- Programs like ls or grep use **ANSI escape codes**, which are special sequences of characters to indicate your shell to change the color of the output.
- click [here](#) to check how to print colored outputs in python using colorama.

Click [this](#) to download the test file.

```
$ python logger.py
# Raw output as with just prints
$ python logger.py log
# Log formatted output
$ python logger.py log ERROR
# Print only ERROR levels and above
$ python logger.py color
# Color formatted output
```

# Disrupt

Conducted on the 16th of May, 2022

Disrupt, a debate duel was conducted for the 5th successive time this academic year.

The debate duel was conducted in offline mode in Alan Turing Hall where students across different departments and years participated and showcased their critical thinking skills on a diverse number of technical and non- technical topics.

The contest was conducted in 2 rounds. The 1st round was a 1v1 knockout round where 2 participants debated against each other and the 2nd round was a Block and Tackle round where each participant was asked to speak on the affirmative and negative motion of the given topic.

The winners were awarded with Appreciation certificates.

# Yet Another Hackathon

Conducted on the 30th and 31st of July, 2022

The participants of the 24-hour Hackathon were selected based on an abstract they submitted, describing their problem and solution based on the given domains. The Hackathon commenced at 11am, at the placement cell of Sri Venkateswara College of Engineering, Sriperumbudur.

YAH 2k22 was sponsored by Casa Retail AI, the title sponsor, Mad Street Den, the internship sponsors, Lancewood Infra Private Ltd, Flixjini, and Maven Consulting Services, the associate sponsors.

The judging panel for the event consisted of Udayasankar Hariharan, Lead Engineer, Shravan Dheep R, Senior Machine Learning Engineer, Madhu Nisha N, Senior Engineer, Roshini Bhandari and Aishwaria Sterling James, people operations from Mad Street Den. They had an intense discussion with all the teams about their creative solutions, after which they judged them based on certain criteria looking for potential interns to join them at their company.

A total of INR 70,000/- was given away as prize money for all the winners of the event.

The first place went to Team Latency Zero

Team Cheems, was awarded the second place

The third place was awarded to Team Acci Care

Four teams were given special mention awards based on certain aspects of their solution that made them stand out, the teams listed below were given INR 2500/-

Best UI/UX design which was awarded to penta five

Best sophomore which was awarded to tech buddies

Best social impact which was awarded to Acci Care

Best startup idea which was awarded to Yet Another Team

# Yet Another Hackathon (Pics)

Conducted on the 30th and 31st of July, 2022



# SVCE ACM-W Student Chapter Report

2021 - 2022

## Board Members

Role	Name
Chair	Benita Majo C
Vice Chair	Sandhya V
Secretary	S Keerthana

# Table of Contents

---

Board Members .....	1
---------------------	---

## Events

---

Tyro to Techie .....	3
Journey of a DevelopHER .....	4
Clueminati .....	5
Disrupt .....	6
YAH '22 .....	7

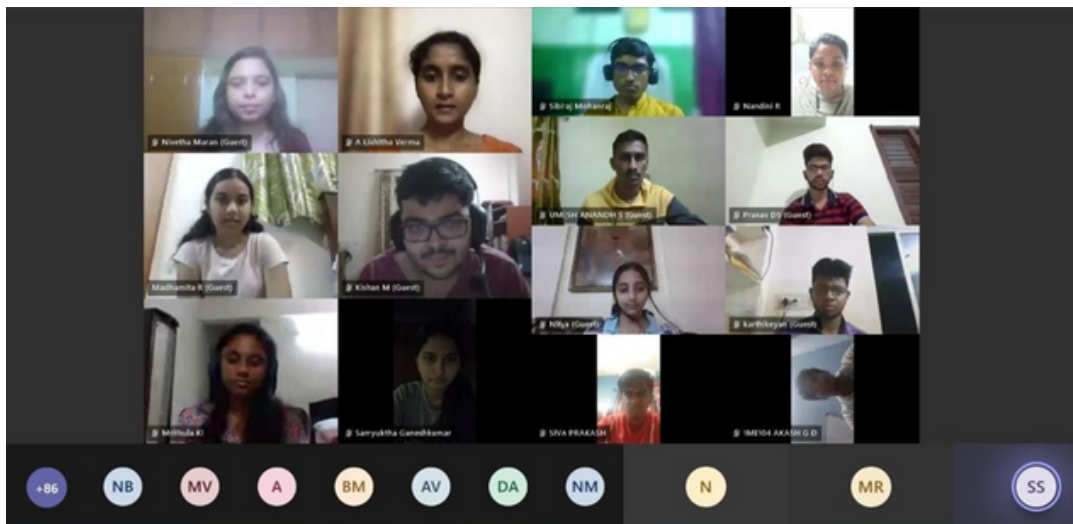
# Tyro to Techie

Conducted on 14th November, 2021

The SVCE ACM-W Student Chapter held its first event for the academic year on 14th of November 2021 for the academic year 2021-22. A webinar on the topic "Tyro to Techie" was organized exclusively for women who were intrigued about the insides of the Tech World.

Ms. Shrinidhi Sridhar, Technical Product Analyst at VISA, illuminated the students about the career opportunities for women and the catastrophes faced by them from her perspective. She also explained the expectations from these Tech Giants and the transition from college life to the corporate world. The speaker gave the audience a few tips to hone their problem solving skills.

This webinar which was open to all the departments across all years ended with an interactive Q&A session where the students got their doubts clarified.



# Journey of a developHER

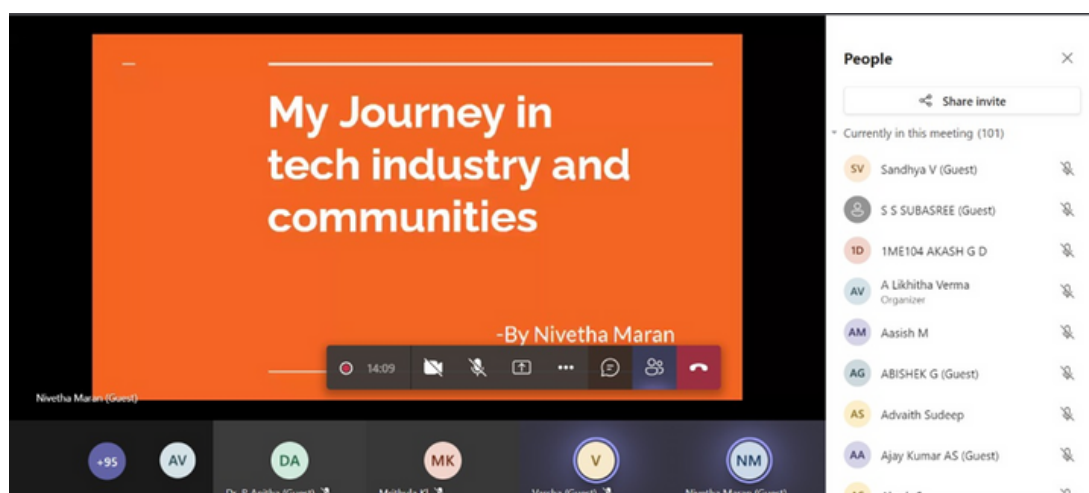
Conducted on 11th January, 2022

The SVCE ACM-W Student Chapter **joined hands with the SSN ACM-W Student Chapter** to organize a webinar on the topic "Journey of a developHER".

This webinar was open to women from all departments and years and emphasized on the Tech Communities and Industry from the eyes of a developer.

Ms. Nivetha Maran, Senior Software Engineer in UI Development at FourKites Inc. enlightened the audience about her takeaways and the opportunities one can benefit from tech communities. She spoke about the world of Front-end Development and tips to become successful in the same domain.

The webinar was brought to a conclusion with an engaging Q&A session where the audience got their doubts clarified.



# Clueminati

Conducted on 11th March, 2022

On the occasion of Women's Day, the W-Wing of the SVCE ACM Students Chapter conducted a quiz based on women celebrities titled "Clueminati". The event was open to all women irrespective of year and department in the college. Over twenty teams consisting of two members each assembled at the Alan Turing Hall in the CSE department to take part in the quiz.

The event began with a preliminary quiz where the teams had to guess the women celebrities and their groundbreaking contributions to society based on the clues given. The top ten teams answering the most questions correctly were selected to participate in the final round.

The finals consisted of three rounds, in each round the teams had to guess the answers to a couple of general knowledge questions, the first letter of which formed the name of a famous woman personality. The first team to guess the woman celebrity was awarded bonus points.

At the end of the quiz, three teams came out on top and were given certificates for the same.



# Disrupt

Conducted on 16th May, 2022

Disrupt is a debate duel which was conducted for the 5th successive time by the SVCE ACM-W Student Chapter in collaboration with the SVCE ACM Student Chapter on 16th May, 2022.

The debate competition which was conducted in offline mode in Alan Turing Hall had numerous participants, especially women students who showcased their debating skills on various technical as well as non-technical topics. First year women students from several departments were excited to participate in their first offline event.

The competition was conducted in 2 rounds. A 1v1 knockout round was followed by a Block and Tackle round where each participant got a chance to speak on an affirmative and negative motion of a topic which tested their ability to think fast and put their analytical skills to use.

The winners of the event were awarded with Appreciation certificates.

# Yet Another Hackathon

Conducted on 30th and 31st July, 2022

The participants of the 24-hour Hackathon were selected based on an abstract they submitted, describing their problem and solution based on the given domains. The Hackathon commenced at 11AM, at the placement cell of Sri Venkateswara College of Engineering, Sriperumbudur.

As an initiative of the W-Wing of the SVCE ACM Student Chapter, in order to encourage more women to participate, an INR 150/- discount on the registration fee was given to each woman participant who were a part of an all woman team.

YAH '22 was sponsored by Casa Retail AI, the title sponsor, Mad Street Den, the internship sponsors, Lancewood Infra Private Ltd, Flixjini, and Maven Consulting Services, the associate sponsors.

The judging panel for the event consisted of Udayasankar Hariharan, Lead Engineer, Shravan Dheep R, Senior Machine Learning Engineer, Madhu Nisha N, Senior Engineer, Roshini Bhandari and Aishwaria Sterling James, people operations from Mad Street Den. They had an intense discussion with all the teams about their creative solutions, after which they judged them based on certain criteria looking for potential interns to join them at their company.

A total of INR 70,000/- was given away as prize money for all the winners of the event.

The first place went to Team Latency Zero

Team Cheems, was awarded the second place

The third place was awarded to Team Acci Care

Four teams were given special mention awards based on certain aspects of their solution that made them stand out, the teams listed below were given INR 2500/-

- Best UI/UX design which was awarded to penta five
- Best sophomore which was awarded to tech buddies
- Best social impact which was awarded to Acci Care
- Best startup idea which was awarded to Yet Another Team

