



SVCE-ACM Student Chapter

Department Of Computer Science and Engineering
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur Taluk – 602117

2023-2024

EVENTS REPORT

Coordinators:

Dr. R Anitha, Professor & Head/CSE

Dr. T. Rajasekaran, Associate Professor/ CSE

Ms. S. Dhivya, Assistant Professor/ CSE

SVCE-ACM Student Chapter

2023-2024

ACM OFFICE BEARERS

ROLE	NAME
CHAIR	Madhumita R
VICE-CHAIR	Pranav D S
SECRETARY	Shwetha S
TREASURER	Sreevathsan V
MEMBERSHIP CHAIR / WEBMASTER	Deepika G

ACM-W OFFICE BEARERS

ROLE	NAME
CHAIR	Pavadharni S
VICE-CHAIR	Shwetha S

LIST OF EVENTS ORGANISED (Till 15/03/2024)
ACADEMIC YEAR 2023 -24

S.NO	DATE	DETAILS OF THE EVENT	RESOURCE PERSON/ ORGANIZERS	NO. OF PARTICIPANTS	VENUE	TARGET AUDIENCE
1	26/08/2023	ACM Valedictory	ACM Office Bearers	150	Online	All year CSE and AI&DS students
2	03/11/2023	Guest Lecture on Current Trends in Machine Learning and Electricals in Engineering	Dr. George Pappas- Biomechanical Engineering, M.D- Stanford University	80	Biotech Seminar Hall	Second and Third Year CSE and AI&DS students
3	08/11/2023	Algo-Rhythm	ACM Office Bearers	65	AT Hall, CSE Dept.	First Year CSE and AI&DS students
4	01/12/2023 to 31/12/2023	December of Algorithms	ACM Office Bearers	200	Online	All coding enthusiasts across all departments, any year, any college.
5	22/12/2023	Hour of Code	ACM Office Bearers	150	Online	First Year CSE and AI&DS students
6	14/02/2024	Tech Triathlon	ACM Office Bearers	80	CS Department Lab 4	Second and Third Year CSE and AI&DS students
7	11/03/2024	Codestorm	ACM Office Bearers	125	Online- Hackerrank	First, Second and Third Year CSE and AI&DS students

ACM VALEDICTORY'23

Conducted on **26 AUGUST 2023**

The Valedictory Ceremony for the academic year 2022-2023 was conducted virtually and graced by **Mr. Krishnakanth Alagiri**, an esteemed alumnus and former Chair of the SVCE-ACM Student Chapter.

The event was also presided over by the **faculty sponsor, Dr. R. Anitha**, HoD Department of Computer Science and Engineering and the **faculty mentor, Dr. T. Rajasekaran**. They shared their vision for the chapter in the next academic year and motivated the members to keep going.

The executive and board members summarized the club's activities throughout the year, after which the chief guest, Mr. Alagiri, shared his experience as a Chair and how being a part of ACM helped him connect with like-minded individuals from his field. He spoke about his journey from **SVCE to Purdue University**, where he is pursuing his Master's in Computer and Information Technology.

acm-w

acm

SVCE Sri Venkateswara College of Engineering

SVCE ACM STUDENT CHAPTER

VALEDICTORY FUNCTION 2023

Saturday, 26th August

MODE OF EVENT : Online Mode

PATRONS
Dr.R. Anitha (HOD)
Dr.T.Rajasekaran (Coordinator)

<https://meet.google.com/vxk-mddk-zjo>

Krishnakanth Alagiri
Grad reasearch assistant- Purdue University
Software Engineer svceacm

+91 6369 288 100
+91 97895 87668

GUEST LECTURE
On
**Current Trends in Machine Learning and Electricals in
Engineering**

Conducted on **3 November 2023**

SVCE ACM Student Chapter in association with **Department of Computer Science and Engineering** and Training and Placement Cell conducted a guest lecture on **Current Trends in Machine Learning and Electricals in Engineering**

The Guest Lecture was delivered by **Dr. George Pappas** , **Director, MSAI graduate program, Lawrence Technological University, Michigan.**

The guest lecture delivered by him mainly focused on the application of Machine learning technologies in the current world and how it can be integrated with the hardware. The participants found the session so insightful and resourceful.



ALGO-RHYTHM

Conducted on **8 November 2023**

The SVCE-ACM Student Chapter organized Algo-Rhythm, an event for first-year students embarking on their journey in Computer Science on 8th November 2023. This event served as a comprehensive introduction to the computer science program, offering insights into what students can expect and providing a roadmap to navigate their academic and professional endeavours in the field of technology.

With a turnout of **40 participants**, Algo-Rhythm proved to be a resounding success, setting a promising precedent for the future of our budding technologists.

Algo-Rhythm commenced with an engaging speed networking session, meticulously designed to facilitate meaningful connections and dialogue among the participants. This session not only served as an icebreaker but also set a professional and collaborative tone for the subsequent activities.

Following the networking round, there was an insightful orientation session, where students were introduced to the fundamental principles and core concepts of computer science. From algorithms and data structures to programming languages and software development methodologies, participants gained a holistic understanding of the domain they were venturing into.

Through interactive discussions and informative presentations, participants gained clarity on the courses they would undertake, the skills they would develop, and the milestones they would achieve throughout their academic journey. Additionally, they received valuable guidance on extracurricular activities, internships, and research opportunities to augment their learning and enhance their professional development.

To conclude the event, students were equipped with comprehensive resources and tools to navigate their academic and professional journey effectively. From study guides and online courses to coding platforms, participants were empowered to embark on their trajectory with confidence and purpose.

The students were given goodies such as stickers to appreciate them for their participation.

Student Reviews:

"ALGO-RHYTHM made meeting new people so easy and fun!"

“We had a lot of fun meeting new people.”

“It was a very fun event to be a part of, hoping for more!”



Participants performing the task given to them in ALGO-RHYTHM

A DECEMBER OF ALGORITHMS

Conducted from **1 December 2023 to 31 December 2023**

A December of Algorithms is one of the **flagship events of the SVCE-ACM Student Chapter**. It was conducted throughout December where the questions of varying difficulty were posted on the official **GitHub repository** and the participants were asked to solve the questions.

We had nearly **200 registrations** for the event and most of them participated enthusiastically throughout the event.

The participants were rewarded for the number of questions they solved. This event tested the technical knowledge and their consistency in providing the solutions.

The list of problem statements given to the participants is given below

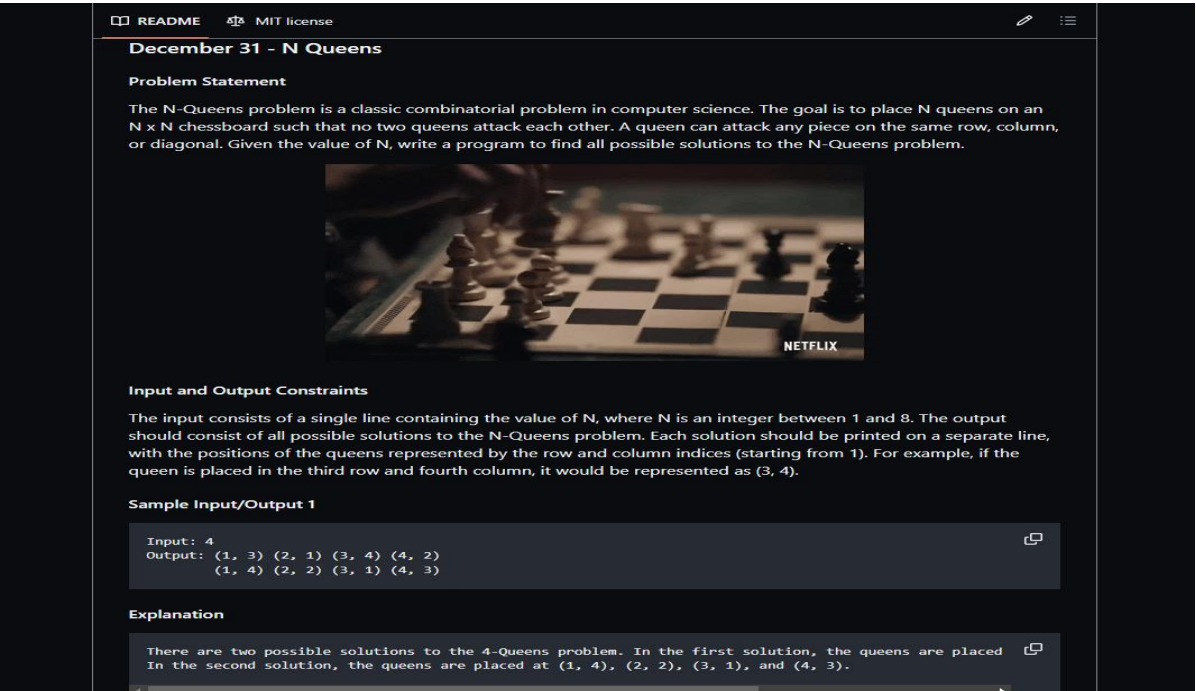
- December 1 - Cricmetric
- December 2 - Shopper's Choice
- December 3 - Sunburnt
- December 4 - Mirror Magic
- December 5 - Peaky Blinders
- December 6 - The Lost Algorithm Scrolls
- December 7 - Baby Blocks
- December 8 - The Enchanted Forest
- December 9 - Camels on a String!
- December 10 - Forgot Password.
- December 11 - Coder of Conversions
- December 12 - The Heist
- December 13 - Call Cipher
- December 14 - Call of Justice
- December 15 - Subsequence Sorcery
- December 16 - Outbreak Dynamics
- December 17 - Bookshelf Dilemma
- December 18 - It's Christmas Season

- December 19 - Symbolic Sum
- December 20 - Treasure Hunt In the Isles
- December 21 - Riddle Me This
- December 22 - Rotten Oranges
- December 23 - Dominoes
- December 24 - Golden Rule Violation
- December 25 - Harmony Hurdle
- December 26 - Circulate
- December 27 - The Phantom Cycle
- December 28 - The Selling Game
- December 29 - Cartesian Walk Validator
- December 30 - Tree Inversions
- December 31 - N Queens

The participants who successfully **completed all 31 days** were awarded with **Platinum Certificates**.

Gold Certificates were awarded to participants who **completed 20 days** of the event successfully.

Similarly, the participants who **completed 10 days** of the event successfully were awarded with **Silver Certificates**.



HOUR OF CODE

Conducted on **22 December 2023**

The SVCE-ACM Student Chapter conducted an event called **Hour of Code** tailor-made for the first years of SVCE on **22nd December 2023**. The objective of the event was to **facilitate skill development among freshmen** of CS and AI/DS departments.

The event was meticulously crafted to provide participants with a **hands-on experience in programming, utilizing an innovative gamified environment**. With the guidance of the chapter's executive members, attendees delved into the world of **coding through an immersive game**, wherein they were tasked with writing crucial functions to drive the progression of the game.

Unlike traditional lectures or tutorials, the "Hour of Code" event embraced an **interactive learning approach**. Participants actively engaged with the material through **hands-on coding exercises within a gamified framework**. This dynamic learning environment encouraged experimentation, problem-solving, and collaboration among peers.

The game was designed with multiple levels of increasing complexity, allowing participants to gradually advance their skills and knowledge. As they completed each level, participants unlocked new challenges and expanded their understanding of programming principles.

By actively coding and problem-solving in a simulated environment, attendees honed their programming skills, sharpened their logical thinking abilities, and gained practical experience applicable to their academic and professional pursuits.

hour of code Hero's Journey

codekata/hero-quest-arena/step2


Marzo's Secret Adventure Step 2: Loops Teacher Resources Login

INSTRUCTIONS

- Repeat blocks are used to run a set of activities again and again
- Use the "move" and "turn" blocks inside a repeat block to make Mario reach the coin

CODE BLOCKS

```
when green flag clicked  
  repeat 1 times  
    move 1 steps  
    turn 90 degrees  
  repeat 20 times  
    move 1 steps  
    turn 90 degrees
```



Vanji

CS
1084 MADHUMITA R CS

acm
SVCE-ACM Student Ch...

P
25 others

TECH TRIATHLON

Conducted on **14 February 2024**

SVCE-ACM Student Chapter kicked off 2024 with its **Tech Triathlon** on **14th February 2024**. In this event, the participants had to go through different technical tasks.

The **first round** was a **Debugging** round that tested the participants' ability to debug random code snippets. This round evaluated participants' understanding of programming concepts and assessed their attention to detail and ability to think critically under pressure.

In the subsequent **Problem-Solving** round, participants were tasked with solving three challenging problems on the **HackerRank platform** within a given time frame. This segment of the competition not only analysed participants' algorithmic prowess but also their ability to devise efficient and elegant solutions to complex problems, showcasing their out-of-the-box thinking and problem-solving capabilities.

The final round was the **Web Development round**, where participants were asked to replicate a website created by the chapter's web team. This round tested participants' proficiency in web development technologies, requiring them to demonstrate their skills in HTML and CSS to recreate the designated website. Attention to design aesthetics, functionality, and responsiveness were the judging criteria.

Throughout the event, teams were assessed not only on the efficiency and accuracy of their code but also on their ability to navigate through challenges swiftly and effectively. Tech Triathlon strengthened participants' technical expertise and also fostered a spirit of collaboration and innovation.



Winners of Tech Triathlon Jeswin Dany Paul and Divyadharshan along with our faculty sponsor Dr. R. Anitha




CODESTORM

Conducted on **11 March 2024**

In honour of International Women's Day, the SVCE-ACM Student Chapter conducted an online coding competition, **Codestorm**, on **11th March 2024**.

Codestorm was conducted on **HackerRank** and served as a platform for **female students from all departments** to showcase their coding skills and challenge themselves. The contest comprised coding questions designed to test participants' **problem-solving abilities and algorithmic proficiency**. The contest included **two easy, one medium, and one hard coding question**, offering participants a spectrum of challenges to tackle. This approach ensured that participants of varying skill levels could engage with the competition.

Over **40 participants** from across different departments enthusiastically participated in Codestorm, showcasing their passion for coding and their dedication to honing their technical skills.

1	shreemirrah2101	80.00	2:02:38	
1	2021it0068	80.00	2:06:17	
1	varunisekar0706	80.00	2:26:34	
1	chandransmirtha1	80.00	3:00:05	
1	snehaba1711	80.00	3:36:56	
1	2022cs0209	80.00	3:47:25	
1	kamalika162004	80.00	3:49:02	
1	sahanakarhikey1	80.00	3:49:38	
1	2022ad0288	80.00	3:56:32	
10	2023cs0309	50.00	43:09	

SVCE Sri Venkateswara
College of
Engineering



SVCE ACM-W presents

CODESTORM



```
print("Coding is Fun!")
```

Date : 11th March 2024

Time : 7:00 to 8:30 pm

Mode : Online through Hackerrank 



SREEVATHSAN - 9789587668

TAMILSELVAN - 9342502913