



**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**

LIST OF EVENTS CONDUCTED

S.No	Event Date	Name of the event conducted
1	23/09/2022	CLUB INAUGURATION
2	14/11/2022	CALIBRATIONS 22' - MINI GAMES
3	17/11/2022 18/11/2022	The Second Edition of ICUBE
4	23/01/2023 24/01/2023 25/01/2023	AB- INITIO
5	22/02/2023	SPARRING FOR SCIENCE 2.0
6	28/02/2023	NATIONAL SCIENCE DAY
7	17/03/2023	HAM RADIO WORKSHOP
8	13/05/2023	HIGHWAYS 23' - ESCAPE ASYLUM
9	14/05/2023	HIGHWAYS 23' - The HURDLE CONTEST
10	14/05/2023	HIGHWAYS 23' - OTAKU MANIA
11	28/07/2023	CLUB VALEDICTORY

**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**

INAUGURATION CEREMONY-

The Inauguration Ceremony of Science Club was held on September 23, 2022. The inauguration ceremony signifies the commencement of a new academic year for the Club. Dr. B. Muthuraman, Ph.D., FASCh, Assistant Professor, and Head of the Department of Energy at the University of Madras, graced the event as the Guest Lecturer. Dr. R Muthucumaraswamy, Dean Research, SVCE gave an introductory speech about our Guest Lecturer. This was followed by our Club Coordinator, Dr. N.R. Sheela who gave an insight of ICUBE - a mega event that took place and won glories during the academic year 2021-22. Our Guest lecturer had taken over the stage to talk on the topic “ A PREAMBLE TO DYE-SENSITIZED SOLAR CELLS”. This was an impressive interactive session and the house was filled with Knowledge and laughter. The Office Bearers of Science Club, SVCE, of the Academic year 2022-23 were introduced and felicitated by the Guest Lecturer, our Club Advisor and Coordinator.

The ceremony concluded by a Snap of all The Office Bearers and Advisory Committee members of the Club along with the Student Council of SVCE.

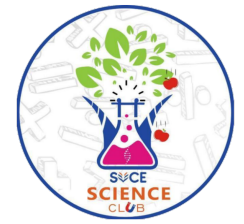


**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**

MINI GAMES-

“Minigames” is a point-based game with 5 rounds where participants compete to get points to stay at the top of the leaderboard. In this unique competition, participants take on a series of challenges one at a time, striving to accumulate the highest points by the day's end to claim victory. Each room they enter presents a new and intriguing game, with challenges ranging from skill-based tasks to time-based trials. The pressure intensifies as the day progresses, as participants aim to outshine their rivals. Here, participants must rely on their problem-solving abilities and teamwork to solve intricate puzzles, unlocking the path to victory and bringing the exhilarating competition to a thrilling conclusion. The various rounds in the event include, “PUT THE POCKET”, “BOB THE BUILDER”, “ZOOP”, “LARVA ON THE ROOM”, “MYSTERY ROOM”.





**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**

THE SECOND EDITION OF ICUBE-

A National-level intercollegiate technical event among the engineering colleges, held between 17th November 2022 and 18th November 2022. The inaugural Ceremony for the second edition was held on November 1, 2022. Mr. Anand Kashyap, Chief Executive Officer of SRM Technologies, and Dr. C Shanmugam, Director of the Centre for Science, Promotion, and Research (CSPR), Chennai, served as the day's guests of honor. The event witnessed participation from the top colleges across the nation (MIT Manipal, Keshav Memorial Institute of Technology-Hyderabad, IIT Madras, VIT SSN, RMK, RMD, REC, CK College of engineering -Cuddalore, SRM Easwari, Nadar Saraswathi engineering college -Theni, Sri Krishna College of Engineering-Coimbatore, School of architecture and Planning-Anna University, CIT etc.....) where students were encouraged to come up with innovative ideas and solutions. INNOWEL and IDEA-O-Lite are the transcendent events held in I-CUBE. Participants in INNOWEL will get problem statements and work on them in accordance with a set of restrictions. In Idea-O-Lite, the participants were given a theme “Sustainable environment”, where they identified real world problems and crafted innovative ideas and solutions. Their ideas were assessed based on novelty and feasibility.

The participants of INNOWEL and IDEA-O-LITE were allotted five tracks and they were sent to their respective venues and they had to present their working models and prototypes in front of the panel members. Students underwent a rigorous evaluation process by both internal members include (Dr. R. Ramesh, Dean Academics, Dr. K. S - Badrinathan, Dean - Educational Development, Dr. J. Venkatesan, Dean - Students' Welfare, Dr.K.Pitchandi-Controller of Examination, Dr.R.Muthucumaraswamy-Dean Research) and external members include Mr.Mohammad Hussain, co-founder @ ALIEN, Mr.Kavin, co-founder @ALIEN & Zoopit, Mr.Athul, CEO Diffusion coatech, Mr. Ashok Kumar-Product Developer, and Mr.Rajamurugan-CEO, Kellyville Business Solutions Pvt.Ltd for Business Pitch.

**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**

Based on the evaluation by both the internal and external panel members, the team named, Ingenious from Sri Venkateswara College of Engineering was awarded Winners of Idea-O-Lite, and the team Fresh Spar Technologies from Sri Krishna College of Engineering, Coimbatore, was awarded as the Runners of Idea-O-Lite. The team Espresso from Sri Venkateswara College of Engineering was awarded as the winner of INNOWEL and the team Mech Mavericks from SSN was awarded as the Runners of INNOWEL. The Chief guests and dignitaries awarded the Winners and Runners from INNOWEL and IDEA-O-LITE each were given cash prizes of Rs.25,000 (for winners) and Rs.10,000 (for runners).





**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**

AB- INITIO-

The AB-INITIO event, a state-level science expo and experimental demonstration for school students was held from the 23rd to the 25th of January 2023. Six schools, including Chettinad Vidyashram, PSBB, Valliammal, etc., and about 400 students participated in the entire event over the period of three days. The guest of honor for this event was Dr C Shanmugam managing trustee, Centre for Science Promotion and Research (CSPR), Chennai. The other dignitaries present there were DR. S Ganesh Vaidhyathan the principal of SVCE and Dr M Sivanandham secretary of SVCEHT.

The students were taken to the following departments- Mechanical Engineering, Marine Engineering and Automobile Engineering where they were exposed to the laboratories. In the department of Automobile Engineering, the students were given a brief explanation of the various types of automobiles, their manufacturing and working. In the Department of Marine Engineering, the Students witnessed the primary frame structure of the most significant component of the marine, the ship. The students had the opportunity to learn about cutting-edge technology in the mechanical engineering field in the department of mechanical engineering. The department's advanced equipment, including the 3-D printer, robotic arm, and numerous other mechanical and automation components, were on display for the students to observe. The students also witnessed the projects displayed by the students of SVCE on various domains. The school pupils were able to observe the projects presented by the college students and interact with students from every discipline. Following the department visit and project expo students assembled at the Hall for a demonstration by the chief guest. The chief guest took the students to witness some experiments performed, and it was a really engaging and enjoyable session where the students learned a lot about the fundamental ideas.

**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**



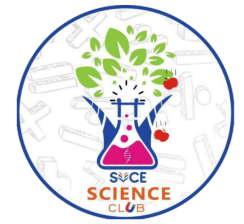
**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**

SPARRING FOR SCIENCE 2.0

The SPARRING FOR SCIENCE 2.0 was held on 22 FEB 2023, an event to analyze, represent, discuss and resolve. This was the event conducted especially for the 1st, 2nd, 3rd and 4th year students of SVCE. The gathering was then welcomed by Dr. N.R. Sheela, Coordinator of SVCE Science Club, who gave the gathering words of encouragement. A total of about 20 teams participated in this event out of which 5 teams were selected to go on head-to-head in the finals.

The event started off with students being divided into teams of three and each being assigned with their respective countries. The first problem they had to find a solution for was about COVID-19 and how it impacted the respective countries. The students were marked for their clarity, relevance and fluency by the judges. Then the results were announced for round 2 named SABOTAGE where in the 5 finalist groups were assigned their respective countries then the problem statement was shown. The teams were given some powers and some amount of money to use and this happened in 2 rounds. The round was literally what it meant i.e., to SABOTAGE the other countries and make sure you win using the money and powers you had. It was a very fun and well-organized event which made sure to make participants stand on the edge and think on their feet.





**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**

NATIONAL SCIENCE DAY-

The National Science day event was held on 28th February 2023 .The event started with a welcome note by Dr. R Muthucumarasamy, Dean of Research. Faculty Co- ordinator Dr. N.R Sheela introduced the chief guest Dr.K.Pitchandi professor, Department of Mechanical Engineering, Controller of Examination, SVCE and about the event to the august gathering. In view of the National Science Day, Second Edition of Sparring for Science was conducted on 22nd February 2023, and 20 teams across various departments had participated. It mainly concerned the sublisted events, called Situational Call which was an simulation event of the Model United Nations’. Also, the Science Club in association with students’ council organized a three Day event AB-INITIO -A state level science expo and demonstration during 23rd to 25th January 2023 by Dr.C.Shanmugam managing trustee, Centre for science Promotion and Research, Chennai. The event was graced by Dr.M.Sivanandam sir, Secretary, SVCEHT and Dr.S.Ganesh Vaidyanathan sir, Principal, SVCE. Around 450 students and 25 teachers from various schools across the state participated in the event. For the same, a valedictory function was conducted on the National Science Day in the honor of Dr. C V Raman. A special guest lecture on “Science in our DAY-To-DAY life” was delivered by Dr.K.Pitchandi professor, Department of Mechanical Engineering, Controller of Examination, SVCE. The deep insights on the subject earned a huge positive response by Deans, Heads of various departments, faculty members and Students. The results were announced for the Sparring for Science event and they were appreciated with a merit certificate. Further, the certificates were distributed to the participants who participated in the AB-INITIO event.

**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**



**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**

HAM RADIO WORKSHOP-

The HAM Radio workshop was held on 17th March 2023. It was an introduction cum demonstration session. The Chief Guest for the ceremony was Dr.C. Shanmugam, Managing Trustee, Centre for Science Promotion and Research, Chennai Mr. S. Subramanian, Mr. Clement Ronald, Mr. R. V Chella Kumar, Mr. K. Dhakshinamoorthy. Dr.C. Shanmugam addressed the gathering with video clips and presentations. The presentation started from the basics of HAM radio, the uses of it. The details on starting a HAM station, getting it licensed was also shared. The speaker stressed on the role of HAM as a social service and shared their volunteering activities during disasters. These made a huge impact on the students. Post the introduction a demonstration session was conducted by the team. They set up a station at the video hall and connected it to two other stations across Chennai. One at Kundrathur and the other at Ashok Nagar. The students and faculty members interacted with the HAM operators. The team answered the queries put forth by the students.



**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**

ESCAPE ASYLUM

The Escape Asylum event, organized as part of the Highways 23, National Level Cultural Fest on May 13th 2023, aimed to challenge participants in a simulated escape scenario inspired by the horror movie "IT" and its antagonist, Pennywise. The event was open to all participants of the cultural fest, and it attracted a substantial number of participants from different colleges. This immersive event encouraged teamwork and problem-solving skills as participants navigated through a series of puzzles and clues to find hidden gems. The event successfully recreated the eerie asylum setting, complete with props, lighting, and audiovisual effects. The clue design was meticulously crafted to test participants' problem-solving abilities while incorporating elements from the movie. Participant feedback was overwhelmingly positive, highlighting the event's engagement factor and its positive impact on teamwork and skills.



**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**

THE HURDLE CONTEST

The HURDLE Contest was organized as part of the Highways 23, National Level Cultural Fest on May 14, 2023. It is a single-player event, open to all students which challenged participants to race against time to overcome hurdles in four rooms: "Beware" with obstacles like the tunnel and lasers, "Jump and Crawl" featuring stepping stones and a crawl zone, "Puzzle House," and "Lava on Floor!". Participant feedback was overwhelmingly positive, with many describing it as one of the best events conducted at the culturals. Safety measures, including emergency exits, fire extinguishers, and first aid kits, were meticulously implemented.



**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**

OTAKU MANIA

OTAKU MANIA, organized as part of the Highways 23 ,National Level Cultural Fest on May 14, 2023 was open to all students from all four years, designed as a single-player game. "Otaku Mania" featured an anime quiz divided into three rounds: the first round (Prelims) assessed all participants with 10 questions, allowing the top 30 participants to advance to the next round. Round 2 comprised 30 diverse anime-related questions, and the Finals, reserved for the top 5, introduced a gambling element with 20 questions across varying difficulty levels. The top two participants were declared as winners.



**SRI VENKATESWARA COLLEGE OF ENGINEERING
SVCE SCIENCE CLUB
ANNUAL REPORT 2022-23**

VALEDICTORY CEREMONY-

The valedictory marks the culmination of a successful and eventful academic year for the science club. Dr. N.R. Sheela, faculty coordinator of science club presented the annual report for the academic year 2022-23. The report highlighted the details of all the activities, events and initiatives undertaken by the club throughout the year. The guest speaker Dr. Ramesh R, Professor, Dean (Academics), Department of Mechanical Engineering, SVCE delivered a lecture on “Product Design and Development”.. It was an event to recognize the efforts of the science club members. Certificates of excellence were presented to Mr. Bhavesh B, President, Ms. Jenani M, Executive lead, Mr. Aditya Krishnan, Secretary, Ms. Harini N, Mr. Vishnuvasan T S, Ms. Sakthi Maheswari M, Mr. Meer Thahir A A, Mr. Dhruv S, Executive members of science club for their outstanding leadership and dedication towards all the club activities.

