sri venkateshwaraa
College of Engineering & Technology
ASPIRE TO EXCEL
Ariyur, Puducherry-605 102.

ISO
21001

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2023-2024(EVEN SEM)

NEWSLETTER

"Good newsletters don't interrupt;
they invite, engage, and inspire."

STUDENT SPOTLIGHT PUBLICATION

LIST OF CONTENT

Delightful Greetings!

It is with great pride and enthusiasm that I extend my warmest greetings to all students, faculty, and stakeholders of our esteemed institution. As the Principal, I am honored to lead this college towards academic excellence, innovation, and holistic development. Our institution stands as a beacon of knowledge, nurturing young minds and preparing them for the challenges of the future. With a strong emphasis on quality education, research, and character-building, we strive to create an environment that fosters creativity, critical thinking, and lifelong learning.Collaboration between students, faculty, and industry partners is key to our success. I firmly believe that education goes beyond textbooks—it is about empowering individuals with skills, values, and a vision for a brighter future. Together, let us continue our journey toward excellence, ensuring that our college remains a center of knowledge, innovation, and success.

Best wishes,
Dr.S.PRADEEP DEVANEYAN
PRINCIPAL

Hearty Greetings!

It's great pride and enthusiasm that I extend my warmest greetings to all readers of our college magazine.As the Dean of this institution , I take great pride in contributing to the academic and administrative excellence of our institution. With years of experience in education and leadership, my journey has been shaped by a passion for fostering learning, discipline, and innovation.In my role, I ensure the seamless execution of academic programs, faculty coordination, and student development initiatives. Overseeing discipline, policy implementation, and institutional compliance are integral to maintaining a structured and progressive environment. I work closely with the Principal, Heads of Departments, and staff to uphold educational standards while also addressing student welfare and career growth.My commitment lies in creating a dynamic and supportive ecosystem where both faculty and students can thrive. As we continue to strive for excellence, I look forward to guiding and empowering the next generation of learners and leaders.

Best regards,
Dr.K.B.JAYARRAMAN
DEAN OF ACADEMICS

Hearty Greetings!

It is an honor to introduce myself as the HOD of this remarkable institution .As the Head of the CSE Department and, I take on the responsibility of shaping both department-specific advancements and the broader academic framework of our institution .As the HoD of CSE, my focus is on ensuring a dynamic and industry-relevant curriculum, fostering research, and guiding both faculty and students toward academic and professional excellence. I work closely with my team to integrate emerging technologies, enhance learning methodologies, and establish meaningful industry collaborations.Balancing these role allows me to contribute to both the specialized growth of the CSE department. My goal is to ensure that our students receive the best possible education, equipping them with the skills and knowledge to excel in their careers while fostering a culture of research and innovation.

With regards,
Dr.N.BALAJI
Head of the Department,CSE

About the Department

The Department of Computer Science and Engineering started in 2014 offers B.Tech. Computer Science and Engineering. The Course is affiliated to the Pondicherry University. The Department has highly qualified and proficient faculty members in the areas of Networking, Algorithms, Web Technology, Web Services, Grid Computing, Cloud Computing, Data Mining & Artificial Intelligence. The Department with well equipped laboratory imparts quality practical education. The Department aims to create computer engineers who can make a mark in many aspects of computing, from the design of individual microprocessors, personal computers and supercomputers to circuit design.

Vision

To achieve academic excellence in Computer Science and Engineering by imparting in depth knowledge to the students, facilitating research activities and cater to the ever changing Industrial demands and Social needs.

Mission

To be recognized as an international leader in Computer Science Engineering education research and the application of knowledge to benefit the Society globally.

Workshop on Critical Thinking

A thought-provoking Workshop on Critical Thinking and Analysis was conducted on 25th March 2024 for the III Year CSE students, with an impressive 96% participation. The session was handled by **Dr. G. Balamurugan, Assistant Professor, Department of Computing Technologies, SRM Institute of Science and Technology, Chennai.** The workshop focused on enhancing students' analytical thinking, problem-solving approach, and decision-making skills—essential abilities in both academic and professional settings. Through interactive activities and case-based discussions, students were encouraged to think beyond conventional methods and apply logic in real-world scenarios. The event proved to be highly beneficial, fostering a mindset of inquiry and critical evaluation among students.

Industrial Visit

On 1st March 2024, the Computer Science and Engineering (CSE) Department organized an industrial visit to Soften Technologies, Cochin for second, third, and fourth-year students. Accompanied by faculty members, the students had the opportunity to gain practical exposure to industry practices and emerging technologies. During the visit, experts from Soften Technologies provided insightful sessions on software development, artificial intelligence, cybersecurity, and cloud computing, giving students a deeper understanding of real-world applications. The interactive sessions allowed students to clarify their doubts and learn about current industry trends. The visit proved to be an enriching experience, bridging the gap between academic learning and industrial requirements, and inspiring students to enhance their technical and professional skills.

Hands on Training

A Hands-On Training Session On Automata Transition Using The JFLAP Online Compiler Tool Was Conducted On 24th May 2024 For II Year CSE Students, Achieving 100% Participation. The Session Was Led By **Dr. M. Thirumaran, Training Professor, Department Of CSE, Pondicherry Technological University,** Pondicherry.

The Objective Of The Session Was To Provide Practical Exposure To Concepts In Automata Theory Through The Use Of JFLAP, An Interactive Visual Tool For Experimenting With Formal Languages And Automata. Students Gained A Clear Understanding Of How Transitions, Finite Automata, And Other Theoretical Constructs Operate Through Real-Time Demonstrations And Exercises.

This Training Significantly Enhanced Students' Conceptual Clarity And Practical Knowledge, Bridging The Gap Between Theory And Application.

Guest Lecture

A Highly Informative Guest Lecture On "Lack Of Scheduling And Resource Allocation Problem Using Graph Coloring Algorithm" Was Conducted On 22nd March 2023 For II Year CSE Students, With A Commendable 98% Participation. The Session Was Delivered By Dr. N. Sivakumar, Professor, Department Of CSE, Pondicherry Technological University.

The Lecture Focused On How Graph Coloring Techniques Can Be Applied To Solve Real-World Problems Such As Efficient Scheduling And Optimal Resource Allocation. Students Gained A Deeper Understanding Of The Theoretical Foundations Of Graph Algorithms And Their Practical Applications In Computer Science And Operations Research.

The Session Was Intellectually Enriching And Enhanced The Students' Problem-Solving Perspective Using Algorithmic Approaches.

Pongal Celebration

The Pongal Celebration At SVCET Was A Vibrant And Joyous Event, Bringing Together Students And Faculty To Honor The Rich Cultural Heritage Of Tamil Nadu. The Campus Was Adorned With Traditional Decorations, And The Festivities Began With A Special Pongal Preparation, Symbolizing Prosperity And Gratitude. Students Enthusiastically Participated In Cultural Performances, Including Folk Dances, Music, And Rangoli Competitions. Traditional Games And Fun Activities Added To The Festive Spirit. The Event Fostered A Sense Of Unity And Tradition, Making It A Memorable Occasion For Everyone At SVCET.

learning session

In April, The CSE Department At SVCET Organized A Project-Based Python Learning Session That Focused On Integrating Python Programming With Google Colab And The Arduino IoT Cloud Python Client. The Session Aimed To Provide Students With Hands-On Experience In Using Python For Real-World Applications, Particularly In The Internet Of Things (IoT) Domain.
First, Students Were Guided On How To Use Colab For Data Analysis, Machine Learning, And Collaborative Projects. The Flexibility And Ease Of Use Of Google Colab Helped Students Grasp Fundamental Python Concepts And Develop Their Skills Further. Next Focused On The Arduino IoT Cloud Python Client, A Platform That Enables The Integration Of Python With IoT Devices. Students Learned How To Use Python To Interact With The Arduino IoT Cloud, Allowing Them To Monitor And Control IoT Devices In Real Time.

R&D Cell At SVCET Conducted A Program Aimed At Enhancing Students Problem-Solving Skills By Engaging Them In Discussions Around Various Real-World Problem Statements. The Session Focused On Encouraging Critical Thinking, Creativity, And Innovative Solutions. Students Were Presented With A Range Of Challenges Across Different Domains, Such As Technology, Engineering, And Social Issues.

Through Interactive Discussions And Brainstorming Sessions, Students Were Encouraged To Analyze The Problems, Break Them Down Into Manageable Components, And Propose Practical Solutions. Faculty Members And Industry Experts Facilitated The Program, Providing Valuable Insights Into Advanced Problem-Solving Techniques And Approaches.

Fine Arts

The CSE Department At SVCET Strives To Provide A Balanced Environment Where Students Can Excel Academically While Also Pursuing Their Passions And Interests Beyond The Classroom. These Extracurricular Events Play A Significant Role In Enhancing Students' Overall Development And Preparing Them For Both Professional And Personal Success. They Also Organized Cultural Events Like Talent Shows, Dance, Music, And Art Competitions, Creating A Platform For Students To Explore Their Artistic Abilities And Express Their Individuality.

Cultural programme

AGON 2k24 ,Culturals held from April 30 to May 5 at Sri Venkateshwaraa College of Engineering and Technology, is a lively festival featuring a mix of cultural events, sports, and fun activities. The fest showcases talents in dance, music, drama, and fashion, while sports competitions foster teamwork and enthusiasm. Engaging games, treasure hunts, and entertainment programs add to the excitement, making it a highly anticipated event that brings students together for creativity, competition, and celebration.

Farewell Ceremony

The **Adios Amigo** Farewell Party For The Final Year CSE Students (Batch 2019-2024) At Sri Venkateshwaraa College Of Engineering And Technology Was A Heartfelt And Memorable Event. Held In Honor Of The Graduating Batch, The Celebration Was Filled With Nostalgic Moments, Fun Games, Cultural Performances, And Farewell Speech. Juniors Expressed Their Gratitude With Lively Performances And Warm Messages, While Seniors Shared Their Experiences And Bid An Emotional Goodbye To Their College Life. The Event Was A Perfect Blend Of Laughter, Music, And Heartfelt Goodbyes, Making It An Unforgettable Send-Off As The Students Step Into Their Next Journey. Wishing The Batch Of 2024 Success And Happiness Ahead!