



SVCE TIRUPATI

EDUCATION FOR A BETTER SOCIETY



Department of CSE

<News_Letter:2023 July-December>



https://www.instagram.com/svce_cse?utm_source=ig_web_button_share_sheet&igsh=ZDNlZDc0MzIxNw==



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: svce.edu.in

VISION OF DEPARTMENT

To produce globally competent, dynamic and multi-talented young leaders with skill & knowledge in Computer science and Engineering to cater the contemporary demands of the software industry, thereby making them industry ready while at the institution and also to pursue higher education imbibing holistic approach.

MISSION OF DEPARTMENT

M1: *To impart high quality technical education in Computer Science and Engineering by providing core values.*

M2: *Advanced research and technical consultancy services with qualified and senior faculty.*

M3: *To prepare the learners professionally deft and intellectually adept possessing excellent skill, knowledge and behavior.*

M4: *To inculcate the leadership capabilities in learners to face the dynamic and challenging global work in the field of Computer Science and Engineering.*

PROGRAM EDUCATIONAL OBJECTIVES

PEO1- *To impart foundations of applied science and engineering subjects in order to apply, analyze and solve problems in computational aspects.*

PEO2: *To inculcate ability in creativity and design of computer support systems and impart knowledge and skills to analyze, design, test and implement various Software applications.*

PEO3: *To strengthen higher education, research, prepare for globally acclaimed competitions, imbibe in civic-leadership qualities and to trigger social, ethical, holistic and behavioral approach.*

PROGRAM OUTCOMES (POS)

PO1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/Development Of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct Investigations Of Complex Problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The Engineer And Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment And Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual And Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project Management And Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-Long Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAMME SPECIFIC OUTCOMES (PSOS):

PSO1: Problem solving skills :

Ability to design and develop computing tools with moderate complexity in the areas pertaining to database, data analytics, networking, web and app design, IoT and information security with integration.



PSO2: Professional Skills: Ability to apply standard practices and methods in software project management and software development using suitable programming environments to deliver quality product to the industry.

A MESSAGE FROM THE PRINCIPAL



I have great pleasure in conveying my best wishes to the Dept. of CSE for releasing the newsletter which brings the students and teachers of various disciplines on a common platform to share and display their ideas and creative talents, I wish all the students who have involved in bringing out the newsletter for their greater success and career ahead.

**Dr. N.SUDHAKAR REDDY, ME, Ph.D, FIE, MISTE.
PRINCIPAL**

A MESSAGE FROM THE HOD

The Department of CSE has been providing Excellent Opportunities for the students to explore & exhibit their academic , Co-curricular & Extra-curricular activities. This newsletter is an attempt to highlight the achievement of the department, in spite of the space constrain we have showcased the best and look forward to have more in the future on a quarterly editions. I wish good luck to the entire team of editors and look forward for your kind patronage to our newsletter.



Dr .A. Ganesh,HEAD OF DEPARTMENT.

DEPARTMENT OF CSE

WORKSHOPS FOR STUDENTS :



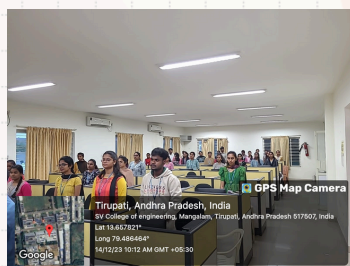
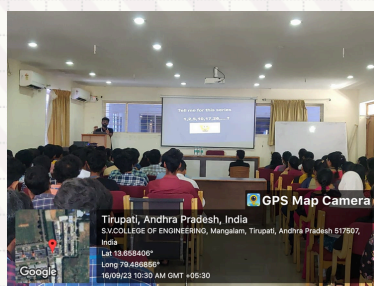
- 1 A workshop on "Data Science" is organized by department of Computer Science and Engineering. Sri Venkateshwara College of Engineering on 16th September 2023. Resource person Lakshmi Narayana Data Scientist.

Data Science workshop mainly focus on enhancing analytical thinking among the students and this workshop often include hands-on-activities, discussions on emerging datascience methods. Because of this workshop participants gained exposure to state-of-the-art Data science research methods, and can cover a wide range of topics.



- 2 A Workshop on "Cyber Security and Ethical Hacking" is organized by the department of Computer Science and Engineering. Sri Venkateshwara College of Engineering on 27th November 2023. Resource person C.Santhosh CEO of Supraja Technologies.

This Workshop aimed at providing hands-on-experience with various tools and techniques to combat cyber crime. Ethical Hacking and Cyber Security workshops provide a platform to connect with industry professionals and peers. They also emphasize the importance of ethical hacking in protecting sensitive information and infrastructure.



3

A Workshop on "Python and SQL" is organized by department of Computer Science and Engineering Students. Sri Venkateshwara College of Engineering on 14,15,16th december 2023. Our main Resource person VJ.Sarvanan,B.E C.E.O-founder Digital Marketing strategist,Motivational Speaker and Nlp Certified Trainer.

This Workshop provides participants with a comprehensive understanding of python programming and its applications in database management. How to connect with MySQL databases for data manipulation and retrieval. At the end of the Workshop ,participants will have a solid foundation in using python to interact with MySQL databases.

SEMINAR ON CAREER AND HIGHER EDUCATION :



On December 3rd, 2023, the Computer Science and Engineering (CSE) Department of SVCE Tirupati will host a Career Guidance Seminar aimed at empowering students with valuable insights from industry professionals. This event will explore diverse career opportunities within the field of Computer Science and provide attendees with essential knowledge to navigate their future careers. Students will have the chance to network, learn, and be inspired to excel in their professional journeys. This seminar is an unmissable opportunity for those looking to gain a competitive edge in the tech industry.

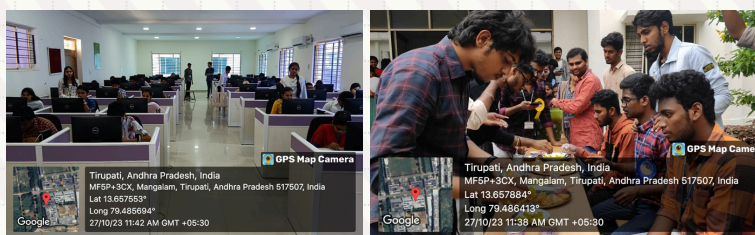
WORKSHOP ON IPR :



A Workshop on "Intellectual Property Rights" is organized by the department of Computer Science and Engineering. Sri Venkateshwara College of Engineering on 16th April 2024. Resource person Dr. P .Subramanyam Acharya, Professor, MBA. Students have participated actively in the program and made it successful.

DEPARTMENT OF CSE

DEPARTMENTAL EVENT (ACSA) :



The Department of Computer Science and Engineering (CSE), SV College of Engineering, organized EXPLORICA 2K23 on 27th October 2023, a remarkable blend of technical expertise and cultural vibrancy.

★ Technical Highlights:

Coding Competitions - Showcasing programming brilliance.

Poster & PPT Presentations - A platform for innovative ideas and research.

💖 Cultural Extravaganza:

The event wasn't just about technology—it also celebrated talent with mesmerizing dance performances, engaging activities, and a grand gathering of students.

🏆 Honoring Achievements:

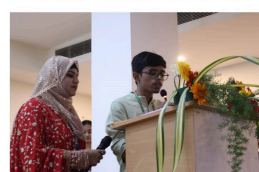
The winners of various competitions were recognized for their excellence, making the event a true success!



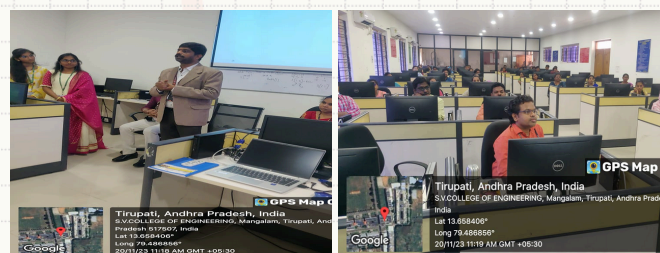
ALUMINI MEET :

The Department of Computer Science and Engineering organized two exceedingly successful interaction sessions today as part of the Home Coming Alumni Meet 2024, conducted on 24th Feb 2024, bringing together esteemed alumni and current batch students.

Mr. Vennesh, Lead Manager at XYLEM WATER SOLUTIONS, Bangalore, Mrs. Vilasini, software engineer at V2soft solutions Bangalore and yeswanth senior Devops engineer at carelon global solutions Hyderabad, join us as distinguished alumni speakers. Their insights and experiences enriched the discussions and inspired our students, a total of 200 CSE final -year students. During these sessions, a promising development emerged in the form guiding and providing an opportunity for upcoming students. This potential collaboration underscores the strong bonds and mutually beneficial opportunities within our alumni network.



FACULTY DEVELOPMENT PROGRAM:



Faculty Development Program organized by department of Computer Science and Engineering . Sri Venkateshwara College of Engineering on 20th November 2023 . Resource person for this program was K.SIVA GOPAL Technical Trainer-Training and Development ICT Academy of Tamil Nadu.

The program is a faculty development program which is gone through upto 5 days on cyber security.

Faculty Development Programs (FDPs) are essential initiatives in colleges and universities aimed at enhancing the skills, knowledge, and effectiveness of faculty members. They provide training on innovative teaching, active learning strategies and student engagement methods.

