ESPERANZA

INSIDE THIS ISSUE :

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VISION OF THE DEPARTMENT

To contribute to society through excellence in scientific and knowledge-based education utilizing the potential of computer science and engineering with a deep passion for wisdom, culture, and values.

MISSION OF THE DEPARTMENT

To promote all-around growth of an individual by creating a futuristic environment that fosters critical thinking, dynamism, and innovation to transform them into globally competitive professionals.

To undertake collaborative projects which offer opportunities for long-term interaction with academia and industry.

To develop human potential to its fullest extent so that intellectually capable and optimistic leaders can emerge in a range of professions.

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HoD's DESK

Dear Students, Faculty, and Stakeholders,

"Alone we can do so little; together we can do so much."—Helen Keller .

Season's Greetings! As we embrace the festive season, I wish you all a joyful Christmas and a prosperous New Year. May this time bring happiness, peace, and success to you and your families.

I am pleased to share the highlights and recent updates from our department:

Tantra '24 - National Level Techfest was successfully conducted on November 8th. The event showcased innovation, talent, and collaboration, leaving a lasting impact on participants and attendees. Thank you to everyone who contributed to its success!

Our faculty members have successfully attended the ATAL Faculty Development Program (FDP) on Generative AI in the month of December. This initiative enhances their knowledge in cutting-edge technologies, benefiting both teaching and research.

Congratulations to the students from S3 who have successfully completed NPTEL MOOC courses. Your dedication to continuous learning is commendable.

The recent BoS meeting focused on academic improvements and curriculum updates to align with current industry standards. Thanks to all contributors for their valuable insights.

The first-semester PTA meeting was held, providing an opportunity for parents and teachers to discuss academic progress and student welfare.

Our third-semester students successfully organized a charity pilgrimage. The event was an enriching experience, combining service and teamwork, and reflected our commitment to social responsibility.

We are delighted to welcome Dr. Babu Anto as Professor and Mr. Jobin Joy as Assistant Professor to our department. We look forward to their contributions and wish them a rewarding journey with us. We bid farewell to Ms. Sreeraji Narayanan, who has been relieved of her duties. We thank her for her invaluable contributions to our department and wish her success in her future endeavors.

Additionally, this newsletter features glimpses of our joyous Christmas celebrations, capturing the festive spirit and togetherness of our department and college. Let us continue to work together for the growth and excellence of our department.

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TECHFEST – "TANTRA 24"

Tantra '24, our National Level Techfest, was successfully held on November 8th, celebrating innovation, talent, and collaboration. The event, coordinated by Ms. Divya B, HoD CSE.

DEPARTMENT OF CSE

REG FEES ₹10

GEO GUESSR

GEOGUESSR IS AN ONLINE GEOGRAPHY-BASED GAME WHERE PLAYERS ARE PLACED IN A RANDOM LOCATION ON GOOGLE STREET VIEW AND MUST GUESS THEIR EXACT LOCATION ON A WORLD MAP.

PRICE POOL ₹500

For Registration
tantra.vjec.in

Contact:
Tharun - +91 8890394351
Vishak - +91 9567356997

DEPARTMENT OF CSE

FNF Debugging

REG.FEE: 20 ₹

🏆1 700 Rs
🏆2 300 Rs

SPOT THE BUG
FIX THE CODE
CLAIM THE PRIZE!

📞 7907338036,70258 65077
📍 NET LAB 2nd Floor
🕐 10:30am-11:30am

DEPARTMENT OF CSE

REG FEES ₹10

SCAVANGER HUNT

PRIZE ₹800

BASED ON CODE, DECODE THE CODE AND FIND SOME OBJECT OR PLACE AND CLICK A PICTURE OF THAT OBJECT OR PLACE.

📍 HARDWARE LAB | 9:30 AM

FOR REGISTRATION
tantra.vjec.in

CONTACT
KEERTHANA - 8590887098
ADHARV - 7736147732

REG FEE : ₹10

BALANZO

PRIZE POOL : 1000/-

FULL DAY EVENT

📍 VENUE : S5 CSE A

For 3rd Fee Only

LOGOSPHERE

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

A thrilling and interactive game that challenges players to test their knowledge of iconic tech company logos!

**VENUE: VARIKATT HALL
TIME: 11 30AM TO 1PM**

PRICE POOL:RS.1000/-
REG FEE:RS.20/-

CONTACT:
ANAGHA NAGESH:9495207775
NANDANA T:9633890249

DEPARTMENT OF CSE

WEB TAG

"Welcome to WebTag Challenge 2024, where coding meets creativity! Test your HTML and CSS skills in a hands-on environment. Replicate a pre-designed web page, focusing on details like layout and styling."

REG FEES ₹20

PRICE POOL ₹1500

CONTACT:
ALAN - +91 9400566148
ANNA - +91 9633519700

📍 NET LAB | 11:30AM

For Registration
tantra.vjec.in

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CHARITY PILGRIM

Our third-semester students successfully organized a charity pilgrimage, showcasing their dedication to service and teamwork. The event was a meaningful endeavor, embodying our commitment to social responsibility and providing an enriching experience for all involved.

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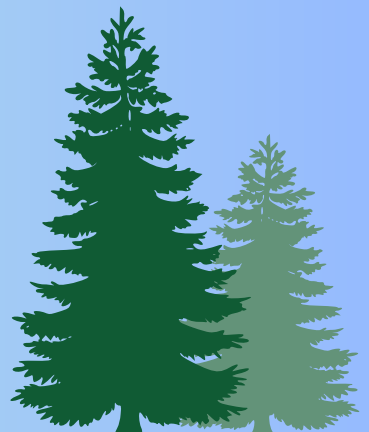
PTA

The first-semester PTA meeting was conducted, offering a platform for parents and teachers to engage in meaningful discussions on academic progress and student well-being. During the meeting, the top performers of the first Series Test were honored with prizes, recognizing their outstanding achievements.

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Congratulations!

S3 STUDENTS

Congratulations to the S3, A batch students for successfully completing NPTEL MOOC courses. Your commitment to continuous learning and self-improvement is truly admirable.
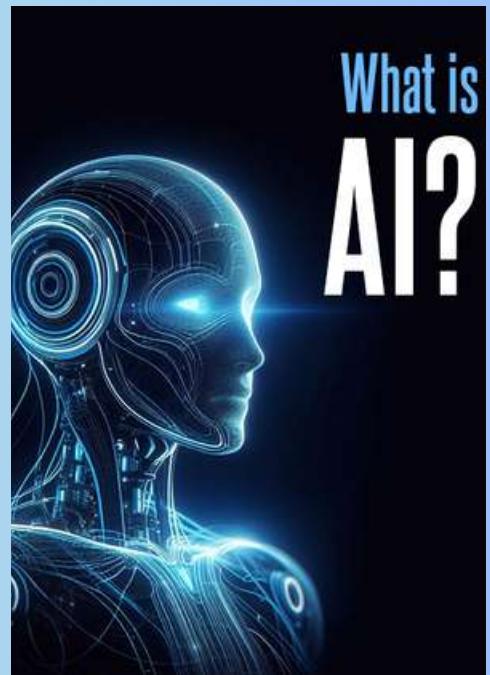
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BOS MEETING

The recent BoS meeting centered on enhancing academics and updating the curriculum to align with evolving industry standards. We extend our gratitude to all participants for their valuable contributions and insights.

IN DECEMBER, OUR FACULTY MEMBERS SUCCESSFULLY PARTICIPATED IN THE ATAL FACULTY DEVELOPMENT PROGRAM (FDP) ON GENERATIVE AI. THIS INITIATIVE HAS ENRICHED THEIR EXPERTISE IN CUTTING-EDGE TECHNOLOGIES, FOSTERING ADVANCEMENTS IN BOTH TEACHING AND RESEARCH.

ATAL FDP

AICTE Training and Learning (ATAL) Academy
Sponsored
Online Faculty Development Program
on
GENERATIVE AI: INNOVATIONS IN CREATIVITY, INDUSTRY APPLICATIONS, AND ETHICAL CHALLENGES

16.12.2024 - 21.12.2024

Organized by
Department of Artificial Intelligence and Data Science

Sri Shanmugha College of Engineering & Technology
(An Autonomous Institution)
Accredited by NBA and NAAC with A Grade
(Affiliated to Anna University, Chennai & AICTE, New Delhi)
Pullipalayam, Sankari, Tamil Nadu – 637304

DATE TO REMEMBER
Intimation of selection : 11ᵗʰ December, 2024

CHIEF PATRON
Thiru. K Shanmugham
Chairman, Sri Shanmugha Educational Institutions

PATRONS
Thiru. A.Thirumoorthy
Executive Director, Sri Shanmugha Educational Institutions

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Dr. V.K.Senthil Ragavan M.E., Ph.D
Professor and Dean – Computing Sciences Sri Shanmugha College of Engineering & Tech.,

COORDINATOR
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Professor & Head, AI&DS

CO- COORDINATOR
Dr. G.Nagarajan M.E., Ph.D
Assistant Professor, AI&DS

ORGANIZING MEMBERS	
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Mrs. R.Aasha	Asst. Prof. AI&DS
Mrs. Pavithra	Asst. Prof. AI&DS
Mr. E.Naveenkumar	Asst. Prof. AI&DS
Mrs. B.R.Aarsha	Asst. Prof. AI&DS
Mrs. B.Seethalakshmi	Asst. Prof. AI&DS
Mr. G.S.Sarath Krishnan	Asst. Prof. AI&DS
Ms. K.Thenmozhi	Asst. Prof. AI&DS

ABOUT THE INSTITUTION
Sri Shanmugha College of Engineering and Technology (SSCET) was established in 2011 by the Sri Shanmugha Educational Charitable Trust, under the visionary leadership of Shri K. Shanmugham. With a mission to transform technical education and make it accessible to all, particularly to students from rural areas, SSCET is committed to excellence in teaching, research, and innovation. Located on a 120-acre campus near Sankari railway station, SSCET is a self-financing institution approved by AICTE and affiliated with Anna University, Chennai. It is recognized by the UGC under Sections 2(f) and 12(B), accredited by NAAC with an A grade, and holds NBA accreditation for ECE and Mechanical Engineering programs. Offering eight undergraduate and two postgraduate programs, SSCET also houses Anna University-affiliated research centres in Mechanical, Chemistry and Physics.
Aakam 360 is a visionary initiative led by SSCET's Executive Director, Thiru Thirumoorthi, aimed at driving innovation and sustainable growth. The initiative focuses on empowering individuals, businesses, and communities globally by providing impactful and creative solutions to effectively address complex challenges.

ABOUT THE DEPARTMENT
The Department of Artificial Intelligence and Data Science was established in the academic year of 2020-21 with a sanctioned intake of 60 students to produce competent engineers in the field of AI. Department stands as a beacon of opportunity and innovation, cutting-edge infrastructure, students embark on a transformative journey of discovery and growth. Program offers a dynamic blend of theoretical insights and hands-on experience, empowering students to master advanced technologies such as Machine Learning, Deep Learning, Data Science, AI & Robotics, NLP and Gen AI. Beyond academic excellence, our mission is to prepare students for a diverse range of careers in the rapidly evolving field of AI and Data Science. Department is equipped with well-qualified and dedicated faculty members to train students towards their holistic development.

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NEW FACES

DR. BABU ANTO
PROFESSOR

MR. JOBIN JOY
ASSISTANT PROFESSOR

We are pleased to welcome Dr. Babu Anto as Professor and Mr. Jobin Joy as Assistant Professor to our department. We eagerly anticipate their valuable contributions and extend our best wishes for a fulfilling and successful tenure with us.

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FAREWELL

WE EXTEND OUR HEARTFELT GRATITUDE TO MS. SREERAJI NARAYANAN AS SHE CONCLUDES HER TENURE WITH US. HER INVALUABLE CONTRIBUTIONS TO OUR DEPARTMENT ARE DEEPLY APPRECIATED, AND WE WISH HER GREAT SUCCESS IN ALL HER FUTURE ENDEAVORS.
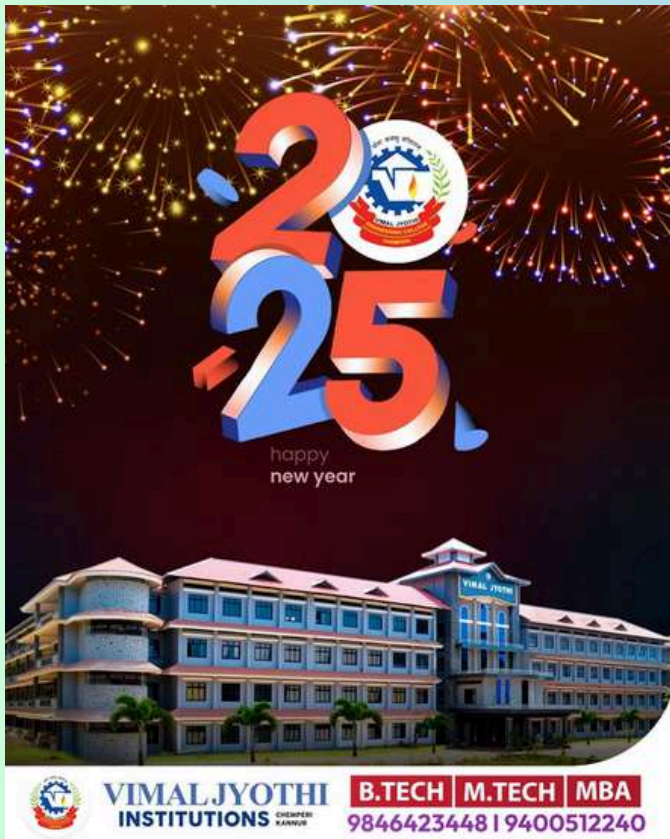
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X'MAS 2024

VIMAL JYOTHI CELEBRATED CHRISTMAS 2024 WITH JOY AND CHEER ON 20/12/2024. THE FESTIVITIES INCLUDED MELODIOUS CAROL SINGING, AND A DELIGHTFUL CHRISTMAS FEAST, CAPTURING THE WARMTH AND SPIRIT OF THE HOLIDAY SEASON.

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Embracing the spirit of joy and togetherness - Christmas celebrations...

May your Christmas sparkle with moments of love, laughter, and goodwill. And may the year ahead be full of contentment and joy.

Merry Christmas

VIMAL JYOTHI INSTITUTIONS CHEMPERI KANNUR

B.TECH | M.TECH | MBA
9846423448 | 9400512240

2025
happy new year

VIMAL JYOTHI INSTITUTIONS CHEMPERI KANNUR

B.TECH | M.TECH | MBA
9846423448 | 9400512240

May this new year bring fresh opportunities to innovate, the courage to explore new horizons, and the wisdom to turn challenges into breakthroughs. Here's to a year of growth, progress, and boundless possibilities!"

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PROGRAM OUTCOMES (POs)

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

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.

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.

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.

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.

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.

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.

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

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

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.

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.

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.

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PROGRAM OUTCOMES (POs)

An ability to apply development principles to analyze and design complex software and systems containing hardware and software components of varying complexity.

An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the trade-offs involved in design choices.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

Graduates will achieve broad and in-depth knowledge of Computer Science and Engineering relating to industrial practices and research to analyze practical problems and think creatively to generate innovative solutions using appropriate technologies.

Graduates will make valid judgment, synthesize information from a range of sources and communicate them in sound ways appropriate to their discipline.

Graduates will sustain intellectual curiosity and pursue lifelong learning not only in areas that are relevant to Computer Science, but also that are important to society.

Graduates will adapt to different roles and demonstrate leaderships in the global writing environment by respecting diversity, professionalism and ethical practices.
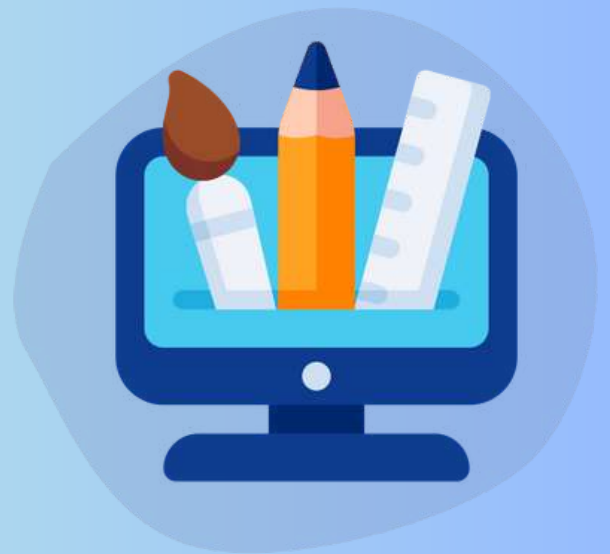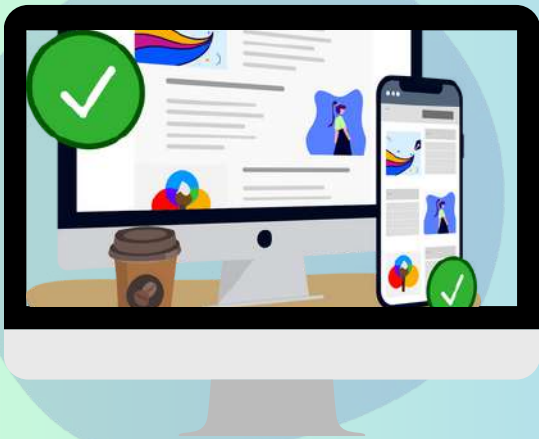
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STAFF EDITOR

MS. SREELAKSHMI M

STUDENT EDITOR

MR. JOSHUA C , S8 CSE C

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