

CSE MILESTONE

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VISION AND MISSION

VISION OF THE INSTITUTION

CARE College of Engineering

Transform lives through Education and Research

MISSION OF THE INSTITUTION

We develop in each member the ability and passion to work effectively for the betterment of humanity with cultural awareness, high ethical and moral values and a sense of social responsibility

DEPARTMENT VISION

To Create Computer Science Engineers through Quality Education and Research.

DEPARTMENT MISSION

To impart Problem Solving, Innovative and Entrepreneurship with sound knowledge in Computer Science and Engineering.

To establish a Research Centre where students can present their research ideas.

To develop Moral, Ethical Values and Social Responsibility to the students

PROGRAM EDUCATIONAL OBJECTIVE (PEO'S)

PEO 1 - To enable graduates to pursue higher education and research, or have a successful career in industries associated with Computer Science and Engineering, or as entrepreneurs.

PEO 2 - To ensure that graduates will have the ability and attitude to adapt to emerging technological changes.

PROGRAM SPECIFIC OBJECTIVE (PSO'S)

PSO 1 - Analyze, Design and develop computing solutions by applying foundational concepts of computer science and Engineering.

PSO 2 - Apply software engineering principles and practices for developing quality software for scientific and business applications.

PSO 3 - Adapt to emerging information and communication technologies (ICT) to innovate ideas and solutions to existing/Novel problems.

PROGRAM OUTCOMES (PO'S)

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.

PROGRAM OUTCOMES (PO'S)

CARE College of Engineering

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.

LEADERSHIP

CEO'S MESSAGE

I am filled with immense pride and admiration for the achievements and progress made by the Computer Science and Engineering department. Despite the challenges posed by the ongoing global pandemic, our community has demonstrated remarkable resilience, innovation, and dedication.

As we move forward, I am confident that the Computer Science and Engineering department will continue to thrive and innovate. The challenges we face today are opportunities for tomorrow's breakthroughs. Let us remain steadfast in our pursuit of knowledge, innovation, and excellence.

Thank you, and I look forward to celebrating many more successes with you all.

Warm regards,



Shri. Prative Chend B.,
CEO

LEADERSHIP

PRINCIPAL MESSAGE



Dr. S. Shanthi
Principal

Despite the challenges posed by the global pandemic, our dedicated faculty and enthusiastic students have displayed exceptional resilience and adaptability, ensuring that the pursuit of knowledge remains uninterrupted.

As we look ahead, I am confident that our Computer Science and Engineering department will continue to soar to new heights. I urge our students to remain curious, passionate, and diligent in their endeavors, and our faculty to continue inspiring and guiding them towards excellence.

Together, we are building a brighter future and making significant strides in the field of computer science and engineering.

With warm regards,

LEADERSHIP

DEAN R&D MESSAGE



Dr. A. Pasumpon Pandian
Dean R&D

Research is the cornerstone of innovation, and our department has continually demonstrated excellence in this domain.

As we look ahead, I am confident that the foundation we have built will propel us to even greater heights. The rapidly evolving field of presents both challenges and opportunities, and our department is well-equipped to tackle these with innovation and determination. I encourage our faculty and students to continue pursuing excellence in research, exploring new ideas, and pushing the boundaries of technology.

Let us continue to strive for excellence and make significant contributions to the technological advancements of the future.

With warm regards,

LEADERSHIP

HOD MESSAGE



Dr. J.Suresh
HOD

Our department has consistently upheld high academic standards, and this semester has been no exception. Our students have demonstrated exceptional dedication to their studies, achieving remarkable results in their coursework and examinations. The faculty's commitment to delivering high-quality education, despite the challenges posed by the ongoing pandemic, has been truly commendable.

As we move forward, I am confident that our department will continue to excel in all areas. The challenges we face today are opportunities for tomorrow's innovations.

Thank you for your hard work and commitment. Let us continue to strive for excellence and make a positive impact on the world.

Warm regards,

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CARE College of Engineering

Springer International Conference on “Intelligent Computing, Information and Control Systems”



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We are thrilled to announce an exciting opportunity for our faculty, researchers, and students to participate in the prestigious Springer International Conference on "Intelligent Computing, Information, and Control Systems." This conference, scheduled to take place, promises to be a convergence of the brightest minds in the field, offering a platform to showcase groundbreaking research and innovative solutions.

As an esteemed institution at the forefront of technological advancement, CARE College of Engineering takes pride in nurturing talent and fostering academic excellence. The Springer International Conference presents a unique opportunity for our community to engage with leading experts, explore cutting-edge developments, and contribute to the discourse shaping the future of intelligent computing, information theory, and control systems.

2021 - 2022

Department of CSE and ECE are organizing the Springer International Conference on "Intelligent Computing, Information and Control Systems" on 2nd and 3rd July 2021.



Innovation Club – Inauguration



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The Computer Science and Engineering (CSE) department proudly inaugurated its Innovation Club on August 15, 2021. This online event marked the beginning of a new chapter aimed at fostering creativity, collaboration, and technological advancement among students and faculty members. The Innovation Club is envisioned to be a hub for nurturing innovative ideas and providing a platform for turning these ideas into tangible projects and solutions.

The inauguration of the Innovation Club was a resounding success, laying a solid foundation for future activities aimed at fostering innovation within the CSE department. The event was well-received by students and faculty alike, and it set the stage for a vibrant community dedicated to technological advancement and creative problem-solving.



Department of Computer Science and Engineering inaugurating “Innovation Club” on 15.08.2021, 08.30 am (Virtual Mode).

2021 - 2022



CSSA Association Inauguration



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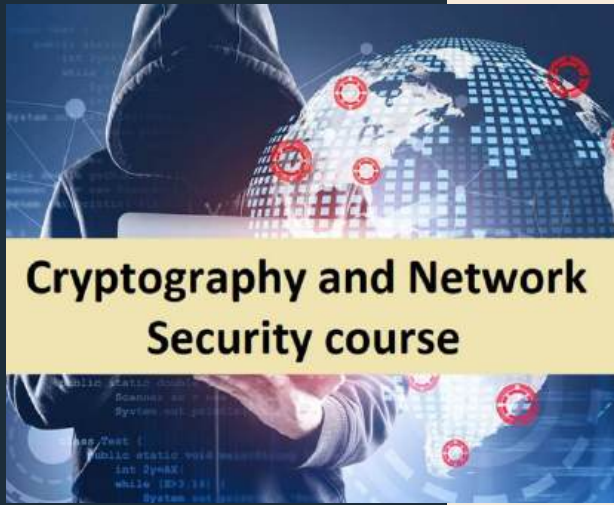


The Computer Science and Engineering (CSE) department celebrated the inauguration of the CSS Association on September 2, 2021, through an online event. The CSS Association aims to enhance the academic and professional development of CSE students by providing a platform for learning, collaboration, and networking. The event marked the beginning of numerous initiatives planned to benefit the student community.

The chief guest, Mr. ALICE FRANCIS RICHARD, delivered a keynote speech highlighting the significance of professional associations in the academic journey. The chief guest shared insights into how active participation in such associations can shape students' careers and prepare them for the evolving demands of the tech industry

Department of computer Science is planned to inaugurate the CSSA association on 02.09.2021 at 10.30am through Google Meet. Mr. Alice Francis Richard, Senior Implementation Consultant, AW Bell Pvt Ltd, Melbourne, Australia accepted our invitation and he will be the chief guest. CEO, CARE Group of Institutions, Principal, CARE College of Engineering will join the function and honor the gathering.

2021 - 2022



CARE College of Engineering

Guest Lecture on 'Cryptography and Network Security'



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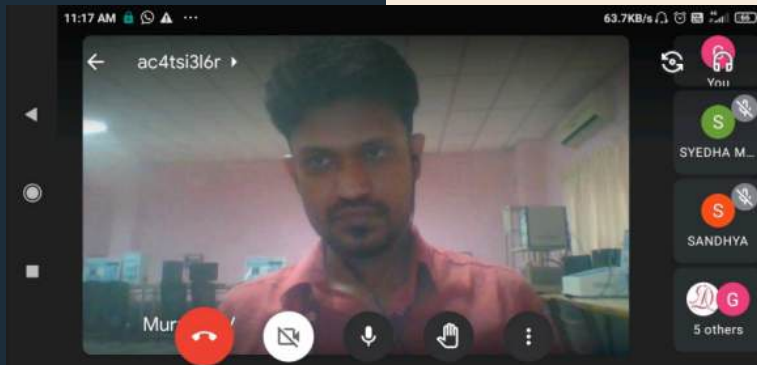


The Computer Science and Engineering (CSE) department hosted a guest lecture on "Cryptography and Network Security" to provide students with a deeper understanding of these critical areas in computer science. The session was conducted by [Speaker's Name], an expert in the field with extensive experience in both academia and industry.

The lecture included an interactive Q&A session where students had the opportunity to ask questions and engage with the speaker. Topics discussed included real-world applications of cryptography, career opportunities in network security, and advice on pursuing further studies and certifications in these fields

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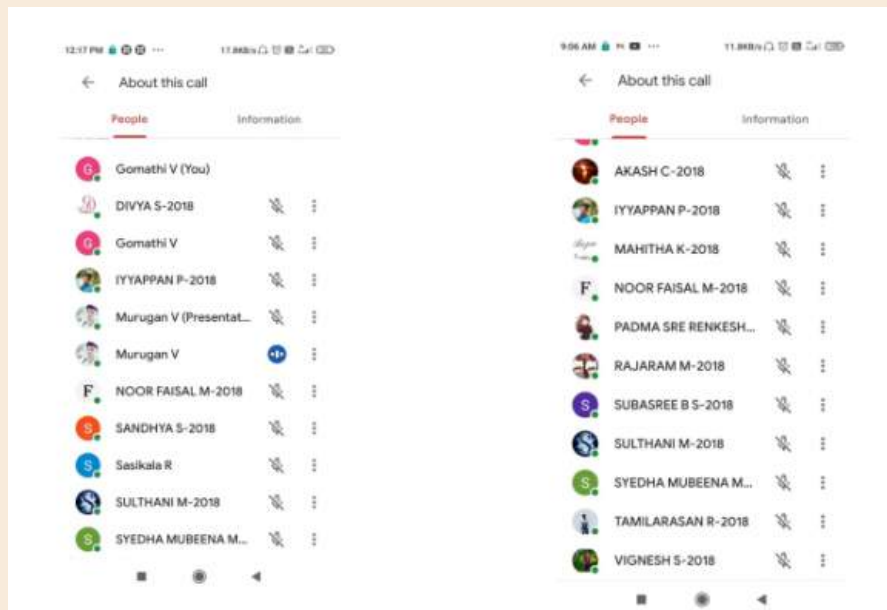
Ms.F.Shakila Banu, AP/CSE , organized a guest lecture on "Cryptography and Network Security' on 16/09/2021 . Dr. S.Revathi, Professor, BSA Crescent Institute of Science and Technology, Chennai delivered the lecturer in online mode.



Guest Lecture on 'Multicore Architecture and Programming'



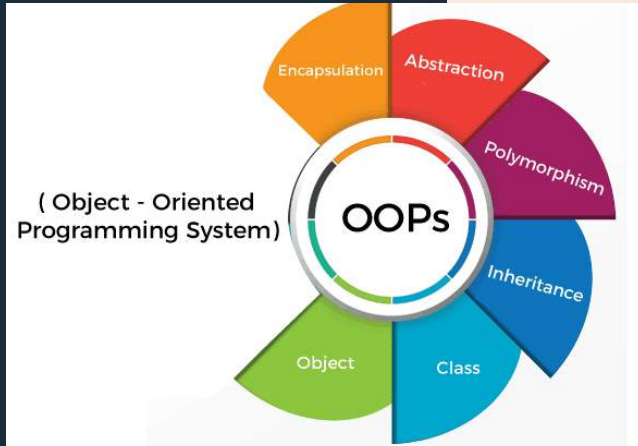
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The guest lecture on "Multicore Architecture and Programming" was a significant success, offering valuable insights and practical knowledge to the CSE students. The session not only expanded their academic horizons but also sparked interest in advanced computing topics, potentially guiding their future career paths.

Ms. V.Gomathi, AP/CSE , organized a guest lecture on ' Multicore Architecture and Programming' on 18.09.2021 via Google meet for the benefit of final year CSe students. Mr.V.Murugan, Assistant Professor , CSE, Trichy Engineering College, delivered the lecture.

2021 - 2022



Guest Lecture on 'Object Oriented Programming'



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The guest lecture on 'Object Oriented Programming' proved to be a resounding success, enriching students' understanding of OOP principles and their relevance in modern software development. The Department of CSE looks forward to organizing more such insightful events to foster academic excellence and industry readiness among its students. Ms. V.Gomathi, AP/CSE , organized a guest lecture on Object Oriented Programming (Generic Programming) on 20.9.2021 for the benefit of second year CSE students . The guest lecture was delivered through Google Meet. Mr.D.Selvam, Research scholar, NITT, delivered the lecture and had a very good interactive session.

2021 - 2022



CARE College of Engineering

4th International Conference on Computer Networks, Big Data and IoT - ICCBI 2021



The 4th International Conference on Computer Networks, Big Data, and IoT (ICCBI 2021) was a significant global event that brought together researchers, academicians, and industry professionals to discuss the latest advancements and challenges in the fields of computer networks, big data, and the Internet of Things (IoT). The conference served as a platform for the exchange of ideas, research findings, and practical insights in these interconnected domains.

During ICCBI 2021, participants explored various topics related to computer networks, big data management, analytics, and the applications of IoT. The conference featured keynote speakers, paper presentations, and discussions on emerging trends and innovations in these areas, highlighting their impact on technology, society, and business.

By fostering collaboration and knowledge sharing, ICCBI 2021 contributed to the ongoing development of these fields, promoting research, technological advancements, and interdisciplinary connections among experts and practitioners.

2021 - 2022

Project Management Tools And Techniques



Workshop on PRIMAVERA-A Tool for Project Management



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Department of Computer Science Engineering organized a workshop on "PRIMAVERA -A Tool for Project Management" on 23rd October, 2021 at 11 am .Ms .SUBHA MARIAPPAN , Senior PRM, Center for Advanced Practical Project Management Ltd. acted as a notoriety , and had a good interactive session with the students .

The Department of Computer Science and Engineering (CSE) recently conducted an informative workshop focused on "PRIMAVERA - A Tool for Project Management." The session aimed to equip students with practical skills in utilizing PRIMAVERA software for effective project planning, scheduling, and management in engineering and business contexts.

The workshop on "PRIMAVERA - A Tool for Project Management" provided participants with practical skills and insights into leveraging PRIMAVERA for efficient project planning and execution. The CSE Department remains committed to organizing such skill-building workshops to enhance students' competencies and prepare them for professional endeavors in project management.

2021 - 2022



Webinar on Cloud Computing and it's Application



Department of Computer Science Engineering ,organized a webinar on " Cloud Computing and it's Applications" on 18.11.2021, Thursday at 11am. Mr. V.Ganesh Karthikeyan, Associate Professor, Adithya Institute of Technology, Coimbatore , delivered the lecture and honored the session. Students of Third and Final year attended the seminar and gained knowledge.

The webinar on "Cloud Computing and its Application" served as a valuable platform for enhancing students' understanding of cloud technology and its transformative impact on various industries. The Department of CSE remains committed to organizing informative events that foster academic excellence and prepare students for future careers in technology.



Webinar on “Future of Artificial Intelligence”



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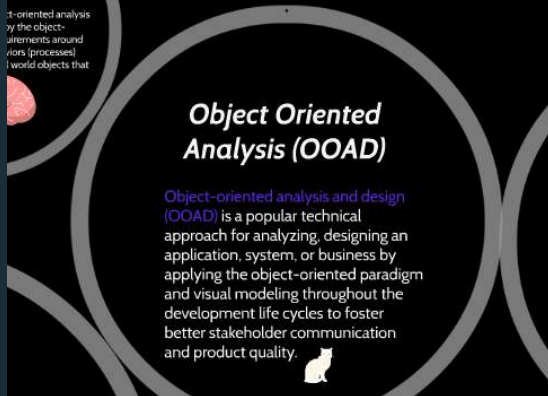


The webinar commenced with an overview of artificial intelligence, covering its foundational concepts, techniques, and real-world applications. The speaker provided insights into the exponential growth of AI technologies and their transformative impact on industries worldwide.

The webinar on the "Future of Artificial Intelligence" provided a stimulating platform for exploring the evolving landscape of AI technology and its implications for society and industry. The Department of CSE remains committed to organizing informative events that foster a deeper understanding of emerging technologies and prepare students for the challenges and opportunities ahead.

2021 - 2022

Department of Computer Science Engineering is planned to conduct a webinar on “Future of Artificial Intelligence ” on 19th November,2021. Dr. S.Geerthik , Associate Professor , Agni College of Technology, Chennai ,accepted our invitation and will deliver the lecture through google meet.



Guest Lecture on “Introduction to OOAD and it’s Applications “



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Department of Computer Science and Engineering , organized a guest lecture on “Introduction to OOAD and it’s Applications ” on 20th ,November, 2021 at 11.30am. through Google meet. Mr. S.Venkateswaran , Assistant Professor, Vel Tech , Chennai, accepted our invitation and delivered a wonderful lecture. Students of second and third year actively take part in the session.

The lecture commenced with an overview of Object-Oriented Analysis and Design, emphasizing core concepts such as objects, classes, inheritance, polymorphism, and encapsulation. The speaker elucidated how OOAD principles facilitate modular, flexible, and reusable software design.

2021 - 2022

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