

CARE



COLLEGE OF ENGINEERING

(An Autonomous Institution)



**INSPIRING MINDS.
EMPOWERING FUTURES.
BUILDING TOMORROW.**

Empowering excellence in
education, innovation and
ethical leadership.



CARE MAGAZINE

VOLUME 2026 | ISSUE 1



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**SHAPING
LEADERS.
INNOVATORS.
CHANGE MAKERS.**

The background of the page features a photograph of a modern, multi-story building with large windows and a courtyard area. In the foreground, there is a large, rectangular water feature with several small fountains and a central island with a young tree. The sky is overcast.

Welcome to INSIGHT AI

AI&DS DEPARTMENT

CARE MAGAZINE

Department Vision

To uniquely position the department and establish synergistic relationships across computing disciplines by contributing to Artificial Intelligence and leveraging modern AI to solve complex scientific, technological, and societal problems.

Department Mission

- To pursue our vision by striving for excellence in creating, applying, and imparting knowledge in data science.
- To pursue a comprehensive educational system, research in collaboration with industry and Government and to disseminate knowledge through scholarly publications.
- To provide service through professional societies to the community, the state, and the nation.

About the Magazine

INSIGHT AI showcases the achievements, innovations, research activities, technical events, student accomplishments, and memorable moments of the Department of Artificial Intelligence & Data Science during the academic year 2026–2027.

"Artificial Intelligence empowers machines. Education empowers humanity."



Dear Readers,

It is with immense pride and great pleasure that we present this edition of the Artificial Intelligence and Data Science Department Magazine. This magazine is more than a collection of events and achievements—it is a reflection of the dedication, creativity, and collaborative spirit that define our department. Throughout the academic year, our students and faculty have embraced every opportunity to learn, innovate, and excel. From technical workshops, seminars, hackathons, industrial visits, and project expos to research activities, cultural events, and remarkable accomplishments, every milestone has contributed to our journey of growth and excellence.

Within these pages, you will discover inspiring stories, memorable moments, and outstanding achievements that showcase the vibrant learning environment of our department. Each contribution represents the passion, perseverance, and teamwork of individuals striving to create meaningful impact through Artificial Intelligence and Data Science.

We hope this magazine not only celebrates our accomplishments but also inspires every reader to explore new ideas, embrace challenges, and continue the pursuit of knowledge and innovation. As technology continues to transform the world, let us remain committed to learning, leading, and shaping a smarter future together.

Happy Reading!

EDITORIAL BOARD

2025-2026

Voices Behind the Vision



FROM THE DESK OF THE EDITOR

“A magazine is more than just pages; it is a reflection of ideas, creativity, and the collective spirit of a department. We, the Editorial Board, strive to bring stories that inspire, inform, and ignite innovation. This edition is a celebration of our journey, achievements, and the dreams that drive us forward.”



We curate ideas.



We create impact.



We inspire minds.

OUR EDITORIAL TEAM

**STAFF
COORDINATOR**

**MRS. R. C.
SUBASHINI**



CO-EDITOR

**SRI
VIDHYA S**



EDITOR

**SURIYA
PRAKSH A**



CONTENT WRITER

SHRUTHI M



EDITOR

**MOHAMED
ASHITH M**



CONTENT WRITER

**REXANA
SHREE M**



TOGETHER, WE CREATE. TOGETHER, WE INSPIRE.



DEPARTMENT OF ARTIFICIAL
INTELLIGENCE AND DATA SCIENCE

Innovate. Collaborate. Elevate.



PRINCIPAL'S

MESSAGE

It gives me great pleasure to present the magazine of the Department of Artificial Intelligence and Data Science. This magazine celebrates the creativity, innovation, achievements, and experiences of our students and faculty.

May it inspire our students to learn, explore, innovate, and create meaningful impact in the ever-evolving world of technology. I congratulate the entire department for this wonderful initiative and wish everyone continued success and excellence.

— Principal

Leadership. Vision.
Inspiration.



HOD'S

MESSAGE

It is a matter of pride to present this magazine, which reflects the creativity, achievements, and journey of our department. Through learning, collaboration, and innovation, our students continue to explore new possibilities and grow beyond the classroom.

I appreciate every faculty member and every student who contributed to this publication. May these pages inspire us to learn, innovate, and create a lasting impact.

— Head of the Department

Guiding Minds. Inspiring Excellence.
Building the Future.



About the Department

Established with the vision of preparing future AI professionals, the Department of Artificial Intelligence and Data Science offers a dynamic curriculum integrating Artificial Intelligence, Machine Learning, Deep Learning, Data Analytics, Cloud Computing, and Software Engineering.

The department emphasizes experiential learning through laboratories, industrial visits, internships, workshops, hackathons, research activities, and industry collaborations.

Highlights

- *Experienced Faculty*
- *Modern AI Laboratory*
- *Industry Collaborations*
- *Research Activities*
- *Internship Opportunities*
- *Placement Support*
- *Technical Clubs*
- *Student Innovation*

*Shaping Intelligent
Minds for a **Smarter**
Tomorrow*

FACULTY CREW



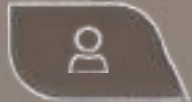
Dr. T. Amutha M.E. Ph.D.
Head of the Department



Dr. P. Subha Rajam M.E., Ph.D.
Professor



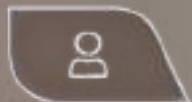
Mrs. R. C. Subashini M.E.
Assistant Professor



Mr. R. Selvamanikandan M.E.
Assistant Professor



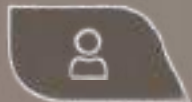
Ms. N. Parveen Banu M.E.
Assistant Professor



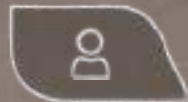
Mrs. M. Anitha M.Tech.
Assistant Professor



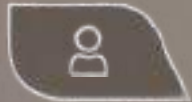
Mrs. K. B. Padmasree M.Tech.
Assistant Professor



Mrs. D. Kiruthiga M.E.
Assistant Professor



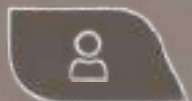
Mrs. K. Krishnaveni M.E.
Assistant Professor



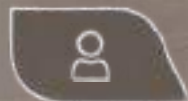
Mrs. A. Shanmugapriya M.Tech.
Assistant Professor



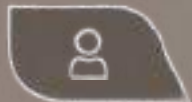
Mrs. S. Nithya Devi M.E.
Assistant Professor



Mrs. S. Vincy Infana M.E.
Assistant Professor



Mrs. S. Nagalakshmi M.E.
Assistant Professor



Mrs. R. Nisha M.E.
Assistant Professor



Mr. A. R. Giridharan M.E.
Assistant Professor



Ms. S. Shanmugapriya M.E.
Assistant Professor



Ms. R. Priya B.E.
Lab
Assistant





From Vision to Action

The academic year 2025–2026 was a memorable journey for the Artificial Intelligence and Data Science Student Association (ADSA). As Vice President, I had the privilege of working with a dedicated team to organize workshops, seminars, hackathons, project expos, and other student-focused initiatives that encouraged learning, leadership, and innovation.

As I step into the role of President for the academic year 2026–2027, my vision is to expand these opportunities through industry collaborations, hands-on technical events, research initiatives, coding competitions, and placement-focused training. Our aim is to bridge the gap between academics and industry while inspiring every student to innovate, grow, and excel.

With the continued support of our faculty and students, I am confident that ADSA will achieve greater milestones. Together, let us make 2026–2027 a year of learning, leadership, innovation, and success.

- Suriya Prakash A
(ADSA President)

Learn. Collaborate. Triumph.



Where **Learning** Meets Leadership and Ideas Turn into **Impact**.

In the AI & DS Department, learning goes beyond classrooms. Through peer discussions, senior guidance, hackathons, projects, and real-world problem solving, ideas take shape and skills turn into solutions. From building models to presenting innovations, every step is a shared journey.

-
- > **Learn** with curiosity.
 - > **Collaborate** with confidence.
 - > **Triumph** with purpose.

The AI Journey from Knowledge to Victory

In the AI & Department

In the world of Artificial Intelligence, the most powerful algorithm is teamwork. Every idea shared, every doubt discussed, and every challenge solved together brings us one step closer to innovation and impact.

*Great minds
don't just learn
together, they
**achieve
together.***



Every win is a reflection of countless hours of learning, experimenting, failing, improving, and supporting each other. From late-night debugging sessions to celebrating milestones, this is what makes the AI & DS community stronger, smarter, and unstoppable.



WHERE LEADERS *EMERGE*

The **Artificial Intelligence and Data Science Students' Association** (ADSA) was inaugurated on **13 August 2025** at Fulcrum, marking the beginning of a vibrant platform for innovation, leadership, and collaborative learning. The ceremony was graced by **Dr. S. Shanthi**, Principal, **Mr. Leo Ananth Joseph**, Managing Director, eQuadriga Software Pvt. Ltd., and **Mrs. T. Amutha**, Head of the Department.

The event featured the unveiling of the ADSA logo, vision, and motto, followed by the Student Oath of Innovation and the oath-taking ceremony of the newly elected office bearers. The inspiring keynote address encouraged students to embrace emerging technologies, foster innovation, and lead with confidence.

The inauguration marked the beginning of a promising year of academic excellence, technical activities, and meaningful student engagement.

ADSA OFFICE BEARERS (2025-2026)

The association is led by President **Sakthiswar M.** (IV Year), supported by Vice President **Suriya Prakash A.** (III Year), Secretary **Manoj Mukul S.** (IV Year), Joint Secretary **Yamini T.** (III Year), Treasurer **Kanika Varshini S. B.** (IV Year), and Joint Treasurer **Kiruthika K.** (III Year). Together, they are committed to promoting innovation, leadership, and technical excellence through various academic and co-curricular initiatives.

"The future belongs to those who dare to imagine, innovate, and inspire."





ANNUAL DAY CELEBRATION

CELEBRATING EXCELLENCE, TALENT, AND TOGETHERNESS

The celebration also recognized outstanding academic performers, achievers in sports and extracurricular activities, and faculty members for their dedication and contributions. The inspiring addresses by the dignitaries encouraged students to pursue excellence with confidence, integrity, and innovation.

The Annual Day Celebration of CARE College of Engineering was a memorable occasion that brought together students, faculty members, alumni, and distinguished guests to celebrate another successful academic year. The event showcased the institution's achievements while providing a vibrant platform for students to exhibit their talents in cultural performances, music, dance, and drama.

The evening concluded with colorful cultural performances and joyful celebrations, creating unforgettable memories and strengthening the spirit of unity, creativity, and teamwork within the CARE family.

"Success is best celebrated when it inspires others to dream, achieve, and grow together."



FROM DREAMS TO DESTINATIONS

CELEBRATING THE CLASS OF 2021-2025

“

*Every ending
marks the
beginning of a
new journey.*

”

A proud milestone for the Department of Artificial Intelligence & Data Science, the Graduation Ceremony celebrated 44 graduates as they completed their academic journey. Their years of learning, innovation, technical exposure, and personal growth have prepared them to step confidently into the world beyond the campus.



From industry and higher education to research and entrepreneurship, the graduates now embark on new journeys carrying the values of curiosity, integrity, collaboration, and innovation.



The department extends its heartfelt congratulations to the graduating class and wishes them success, purpose, and limitless possibilities in the years ahead.



LEARNED

Building a strong foundation of knowledge and skills.



INNOVATED

Exploring ideas and creating impactful solutions.



COLLABORATED

Growing together through teamwork and shared experiences.



ACHIEVED

Turning dreams into accomplishments and milestones.



Class of 2021-2025

The Future Awaits. Go Make It Extraordinary.

AI CONCLAVE 2026

AI CONCLAVE'26:

Pioneering the AI Revolution in Trichy.



DATE

2nd May 2026



VENUE

Hotel Marriott,
Tiruchi rappalli



ORGANIZED BY

Department of Artificial
Intelligence, CARE
College of AI
Engineering

The Department of Artificial Intelligence & Data Science, CARE College of Engineering, successfully organized **AI Conclave'26** on Saturday, 2 May 2026, at Hotel Marriott, Tiruchirappalli. As one of the region's premier AI events, the conclave brought together industry leaders, entrepreneurs, academicians, researchers, and students under one roof to explore the **transformative potential of Artificial Intelligence**. The event reflected the institution's unwavering commitment to academic excellence, innovation, and industry collaboration while providing a platform for meaningful discussions on the future of AI.



The conclave featured an impressive lineup of distinguished speakers from leading technology companies and organizations, including Mr. C.R. Venkates (Founder, Dot Confoway), Mr. Kumar Mani (CEO, Tentplan Technologies), Mr. Jagothath (General Manager, Tiruchi rappalli), Mr. M.V. Subramanian (General Partner, July Venture), Mr. B. Prative Chend (CEO, CARE Group of Institutions), Mr. M. Mural Sundaram (Gen AI & Quantum Tech Consultant), Mr. Anand Pithaikar (Managing Director, Modelon India), Mr. Raul John Ajou (Founder, Airealm Technologies). Their keynote sessions provided valuable insights into the **latest advancements in Artificial Intelligence**, entrepreneurship, innovation, venture capital, and emerging technologies.

Throughout the conclave, participants engaged in thought-provoking discussions on the growing impact of AI across industries, from various institutions and practices, startup ecosystems, and career opportunities in the rapidly evolving technology landscape. The interactive sessions enabled students to directly engage with industry experts, ask questions, and gain first-hand knowledge about the skills and competencies required to excel in the AI-driven world.

The event witnessed **enthusiastic participation** from students, faculty members, researchers, industry professionals, and AI enthusiasts from various institutions. The conclave served as a vibrant platform for **networking, knowledge exchange, and collaboration**, encouraging participants to think beyond conventional boundaries and embrace innovation. The specialties of this event are the importance of continuous learning, research, and practical problem-solving in shaping the next generation of AI professionals.

AI Conclave'26 concluded on a high note, reinforcing CARE College of Engineering's vision of fostering innovation, industry collaboration, and research excellence. The event empowered students with valuable AI insights and strengthened the institution's commitment to shaping future-ready engineers.



*A vibrant platform for
ideas, innovation, and
the future of
Intelligence.*



STUDENT TECH CLUBS

At the Department of Artificial Intelligence & Data Science, the **Full Stack Development Club and Data Analytics Club** turn classroom knowledge into practical expertise. Through workshops, coding challenges, technical talks, and collaborative projects, students build industry-relevant skills while developing creativity, teamwork, and leadership.

STACK QUEST

The Full Stack Development Club organized Stack Quest, an immersive learning experience covering the complete web development journey. Students explored *HTML, CSS, JavaScript, React, Node.js, databases, and application deployment* through interactive coding sessions and demonstrations.

The event strengthened problem-solving skills and encouraged students to confidently build scalable web applications.

Code. Create. Connect.

DATA BUZZ

The Data Analytics Club conducted DATA BUZZ, introducing students to the role of data in intelligent decision-making across business, healthcare, e-commerce, and social media.

Participants explored Descriptive, Diagnostic, Predictive, and Prescriptive Analytics, along with practical demonstrations using *Python, SQL, Microsoft Excel, Tableau, and Power BI*. Interactive quizzes and analytical challenges further developed teamwork and data-driven thinking.

Discover data. Create insights. Drive decisions.

Two Clubs • Diverse Skills • One Future



CURIOSITY TO CREATIVITY

“Innovation begins with curiosity. When students question, explore, and experiment freely, ideas become creativity, challenges become opportunities, and learning becomes a journey toward meaningful solutions.”

The Artificial Intelligence and Data Science Students' Association (ADSA) transformed learning beyond the classroom through a series of engaging initiatives that encouraged curiosity, collaboration, creativity, and innovation.

Tool Talk introduced students to emerging AI tools through interactive demonstrations, while the debate “Is Technology Creating a Smarter Generation or a Lazier One?” encouraged critical thinking and diverse perspectives on technology.



Adding a fun dimension to learning, the Connection Game challenged students to connect AI concepts while strengthening teamwork and communication. Quizzzy – AI Innovations and Solutions Hub further encouraged technical knowledge, analytical thinking, and healthy competition through an interactive digital quiz.

Together, these initiatives created meaningful learning experiences while nurturing confidence, leadership, teamwork, and problem-solving skills among students.



MIND SPARK 2026

Mind Spark: Transforming Ideas Into Intelligent Solutions

The Department of Artificial Intelligence & Data Science, CARE College of Engineering, successfully organized Mind Spark 2026, an innovative project-based platform designed to encourage students to transform their ideas into practical technological solutions.

The event provided students with an opportunity to move beyond conventional classroom learning and explore real-world applications of Artificial Intelligence, Machine Learning, Data Science, Internet of Things, Healthcare Technology, and emerging digital solutions.



IDEA

INNOVATION

IMPLEMENTATION

IMPACT



FROM IDEAS TO IMPACT

Students presented their projects before a panel of faculty evaluators, explaining the problem they identified, their proposed solution, methodology, technologies used, implementation process, and expected outcomes. Each project reflected the students' ability to combine technical knowledge with creativity and practical thinking.



CREATIVITY • TECHNOLOGY • INNOVATION

Mind Spark provided students with a valuable platform to strengthen their presentation, communication, teamwork, and problem-solving abilities. The event encouraged participants to experiment with new ideas, receive constructive feedback, and continuously improve their solutions.



TURNING CONCEPTS INTO SOLUTIONS

Mind Spark 2026 served as more than a project presentation. It became an environment where ideas were challenged, refined, and transformed into meaningful prototypes. The event reinforced the department's commitment to experimental learning and encouraged students to think beyond theoretical concepts.



REAL EXPERIENCE. REAL IMPACT.

By connecting academic knowledge with practical applications, Mind Spark continues to nurture future-ready AI and Data Science professionals who are prepared to solve real-world problems with innovation, responsibility, and confidence.

“

Great ideas begin with **curiosity**. Innovative solutions begin with **action**.

...

AI&DS INTERNAL HACKATHON

124 Second-Year Students Successfully Complete Internal Hackathon

124
STUDENTS

The Department of Artificial Intelligence & Data Science, CARE College of Engineering, successfully conducted its Internal Hackathon for the academic year 2025-2026, providing second-year students with a dynamic platform to demonstrate their creativity, technical expertise, and problem-solving abilities.



BUILD. COLLABORATE. SOLVE.

The hackathon encouraged students to think creatively, work effectively as a team, and apply their classroom knowledge to practical challenges. Participants explored solutions across domains such as Artificial Intelligence, Machine Learning, Data Science, IoT, Healthcare, Agriculture, Automation, and Smart Technologies.

During the initial phase, each team presented its proposed solution before a panel of faculty evaluators. The teams explained their problem statement, objectives, methodology, technologies, implementation strategy, and expected outcomes.



FROM CONCEPT TO PROTOTYPE

The evaluation focused on innovation, technical feasibility, implementation, presentation, scalability, and overall impact.

Following the initial evaluation, the strongest teams were selected for the final stage. The shortlisted participants were given additional time to refine their concepts, improve their implementations, and strengthen their presentations.



THE FINAL CHALLENGE

The final round brought together the shortlisted teams to demonstrate their enhanced projects before the judging panel.

Students confidently presented their technical solutions, explaining their development process, key features, implementation strategies, and future scope. The judges appreciated the creativity, dedication, teamwork, and professionalism demonstrated throughout the competition.



MORE THAN A HACKATHON

The Internal Hackathon became a valuable learning experience that strengthened students' technical knowledge, teamwork, leadership, communication skills, and problem-solving abilities.

More importantly, it encouraged students to approach challenges with curiosity and develop solutions that can create meaningful real-world impact.

124 STUDENTS

1 CHALLENGE

COUNTLESS IDEAS

STAFF ACHIEVEMENTS

The Department of Artificial Intelligence and Data Science proudly celebrates the outstanding achievements of its faculty in teaching, research, certifications, and professional development. Through continuous learning, innovation, and active initiatives under ADSA and IIC, the faculty continue to inspire academic excellence and shape future-ready professionals.



Driving Intelligence, Defining Excellence



Faculty members continuously enhanced their professional expertise through industry certifications and Faculty Development Programmes. **Ms. K. Krishnaveni** completed an AWS Cloud Internship and AI Tools FDP, **Ms. R. Nisha** earned the AWS Cloud Foundations Certification, **Mrs. K. B. Padmashree** completed the MMTTC Certification, and **Ms. F. Shakila Banu** completed an FDP on Generative AI and Prompt Engineering. The Power BI Data Analyst FDP was successfully completed by **Ms. F. Shakila Banu, Mr. R. Selvamanikandan, Ms. P. Swathika, Ms. Nithyadevi, Mr. G. Dinesh, Ms. S. Nagalakshmi, and Ms. R. Nisha**, reflecting the department's commitment to continuous learning and industry-oriented education.



During the academic year, the faculty achieved several notable milestones. **Mrs. R. C. Subashini** received the Best Faculty Award for two consecutive years and, along with **Ms. N. Parveen Banu**, was recognized as an NPTEL Discipline Star by IIT Madras. **Ms. P. Swathika, Ms. S. Nagalakshmi, and Mr. R. Selvamanikandan** earned NPTEL Elite Certifications, while several faculty members enhanced their expertise through AWS, Power BI, MMTTC, AI Tools, and Generative AI Faculty Development Programmes. **Mr. R. Selvamanikandan** also represented the department as the Guest of Honor and Motivational Speaker at the Indian Abacus Olympiad 2025, reflecting the department's commitment to academic excellence and continuous professional growth.

"The true legacy of a department is built by educators who inspire innovation, nurture excellence, and lead by example."

STUDENT ACHIEVEMENTS

Shining Across Campus

The Department of Artificial Intelligence & Data Science continued to celebrate a year of academic excellence, innovation, technical achievement, and holistic development. Our students turned opportunities into achievements and aspirations into reality.



RESEARCH & INNOVATION

Our students achieved a significant milestone with the publication of their patent based on the industry project:

"Full-Scale IoT Monitoring System."

Thanushpriyan R. Vasudevane S.R. Srirashi S.

Sathish Kumar S. Ranjani A.

This achievement highlights the department's growing culture of student-led research and technological innovation.



BEYOND THE CLASSROOM

Students actively participated in NPTEL certification courses, industry-recognized certification programmes, hackathons, innovation contests, workshops, and inter-institutional events.



ACADEMICS EXCELLENCE



Santhiya R.

Final Year

Achieved an outstanding GPA of 10.00, reflecting exceptional academic consistency and dedication.



Shruthi M.

Secured

97%

in the NPTEL course on Sustainable Development, earning the prestigious Elite + Gold Certificate.



INNOVATION & HACKATHONS

At the VIT Hackathon, a team of our students advanced to the final round, presenting innovative solutions to real-world challenges.

Team Members:

Mohamed Ashith M.
Kalidhasan A.

Jey Kishore K.
Leo Edwin I.



Students also excelled in TechFlare 2K25, showcasing strong performance across coding, technical quizzes, project demonstrations, and paper presentations.

Teamwork. Creativity. Excellence.



COMPETITIONS & RECOGNITION



Overall Championship Award
M.A.M. College of Engineering



Multiple Prizes
Science Tech Fest 2025
Dhanalakshmi Srinivasan University

"Every achievement begins with the courage to learn, the determination to persevere, and the confidence to go beyond what is expected."

A CULTURE OF EXCELLENCE

Together these accomplishments reflect the department's commitment to providing high-quality education, innovation, and socially responsible graduates. By encouraging students to compete, create, research, and explore beyond the classroom, the Department of Artificial Intelligence & Data Science continues to transform opportunities into achievements and aspirations into reality.

INTERNATIONAL CONFERENCE

Presenting Innovation at AISEC 2026

The Department of Artificial Intelligence & Data Science proudly celebrates the successful participation of its students in the International Conference on Artificial Intelligence for Sustainable Engineering and Computing (AISEC 2026), held on 23 January 2026 at Mother Teresa College of Engineering and Technology. The conference served as a prestigious platform that brought together researchers, academicians, industry experts, and students to exchange ideas and showcase innovative research in the rapidly evolving domains of Artificial Intelligence and sustainable computing.

Representing the department, **Santhiya R** and **Suriya Prakash A** jointly presented the research paper titled "**An AI-Driven Unified Platform for Oceanographic, Fisheries and Molecular Biodiversity Insights.**" Their research highlighted the transformative role of Artificial Intelligence in integrating oceanographic data, fisheries management, and molecular biodiversity analysis to support sustainable environmental conservation and scientific decision-making.



“

*Research
beyond
boundaries.*

”



Similarly, **Jey Kishore K** and **Sowmitha Prasath E** presented their innovative research project, "Gestro: Real-Time Neural Synthesis of Sign Language into Phonetical Output." The project focused on leveraging Artificial Intelligence to bridge communication gaps by converting sign language into spoken phonetic output in real time, demonstrating the potential of AI-driven assistive technologies to create a more inclusive and accessible society.

The conference provided the students with an invaluable opportunity to present their research before distinguished academicians, researchers, and industry professionals. Through technical discussions and interactive sessions, they gained constructive feedback, enhanced their research perspectives, and strengthened their presentation and communication skills. Their confident participation reflected not only their technical competence but also their ability to apply innovative thinking to address real-world challenges through Artificial Intelligence.

Participation in AISEC 2026 further reinforced the department's commitment to promoting research-oriented learning, innovation, and academic excellence. By encouraging students to engage in international conferences, the Department of Artificial Intelligence & Data Science continues to nurture a culture of inquiry, collaboration, and continuous learning. The department extends its heartfelt congratulations to all the student presenters for representing the institution with distinction and wishes them continued success in their future research and professional endeavors.

BEST DEPARTMENT AWARD

A RECOGNITION OF
EXCELLENCE, INNOVATION
AND COLLECTIVE
ACHIEVEMENT.



The academic year marked a proud and memorable milestone for the Department of Artificial Intelligence & Data Science as it was honored with the Best Department Award, recognizing its unwavering commitment to academic excellence, innovation, and holistic student development. This prestigious recognition stands as a testament to the department's continuous pursuit of quality in teaching, research, industry engagement, and extracurricular initiatives.



A JOURNEY OF PASSION AND PURPOSE

Every milestone tells a story, and this achievement reflects years of passion, perseverance, and purpose. The department has consistently fostered an environment where learning extends beyond the classroom, encouraging students to think critically, innovate fearlessly, and to be critical of academic and professional pursuits. Through impactful projects, technical events, research activities, industry collaborations, and student-centric initiatives, the department has built a strong culture of excellence and continuous improvement.



THE STRENGTH BEHIND THE SUCCESS

The success of the department is the result of the collective dedication of its faculty members, students, and supporting staff, whose shared commitment has transformed challenges into opportunities and aspirations into achievements. Their tireless efforts have strengthened the department's reputation as a center for innovation, academic distinction, and professional growth.



A MOMENT OF PRIDE

Adding pride to this remarkable occasion, **Dr. T. Amutha**, Head of the Department of Artificial Intelligence & Data Science, received the "**Best Department**" Award from this. **B. Prative Chend**, CEO and the **Principal**, representing the collective achievements and unwavering spirit of the entire AI&DS family. The award symbolizes not only the department's accomplishments but also the trust and confidence placed in its vision for shaping future-ready professionals.



COMMITTED TO A BRIGHTER FUTURE

As the Department of Artificial Intelligence & Data Science celebrates this proud achievement, it remains committed to setting new benchmarks in education, research, and innovation. This award inspires the AI&DS family to continue shaping future-ready professionals and contributing to the ever-evolving world of technology.

“

Winning the Best Department Award for two consecutive academic years is a proud achievement for our AI&DS family. This recognition reflects the dedication of our students, the guidance of our faculty, and our shared commitment to excellence in academics, innovation, placements, and research. My heartfelt thanks to everyone who contributed to this success.

– Dr. T. Amutha,
Head of the Department, AI&DS

”



Beyond Classrooms INDUSTRIAL VISITS

EXPERIENCE. EXPLORE. EXCEL.

The Department of Artificial Intelligence organized a series of Industrial Visits for II Year, III Year, and Final Year students, offering them valuable exposure to real-time industrial environments and intelligent automation systems. These visits bridged the gap between classroom learning and practical application, strengthening students' understanding of AI-driven technologies.



II YEAR

IGNITING AWARENESS, INSPIRING CURIOSITY

For II Year students, the visit to GrowAITech, Salem served as an eye-opening introduction to industrial automation and intelligent systems. As emerging engineers, they observed how sensors, monitoring systems, and structured data collection processes operate within production environments. The experience helped them connect foundational AI concepts with real-world implementation and inspired them to enhance their programming and analytical skills.



III YEAR

CONNECTING CONCEPTS WITH REAL-WORLD SYSTEMS

The III Year students experienced a technically enriching visit to Smiley Technologies, Vagamon, which deepened their understanding of machine learning, IoT, and data analytics applications in industrial workflows. With stronger academic grounding, they were able to relate theoretical concepts to real-time monitoring systems and operational strategies. The exposure highlighted how AI-driven solutions improve efficiency, accuracy, and decision-making. The interactive environment encouraged critical thinking and practical problem-solving.



FINAL YEAR

PREPARING TODAY, LEADING TOMORROW

For Final Year students, the visit to Safftech Solutions, Kooch was career orienting and highly impactful. As they prepare to enter the workforce, they gathered firsthand insights into AI-powered automation, data-based optimization, and integrated intelligent systems. The experience clarified industry expectations, skill requirements, and professional standards in modern production environments. It boosted their confidence and reinforced their readiness to contribute innovative AI solutions in their future careers.



Industrial visits don't just show how things work—they **inspire** how we can make them better.



Real Exposure
Real Learning



Stronger Concepts
Stronger Future



Experience Today
Excellence Tomorrow

FROM IDEAS TO IMPACT

*CARE XPO 2026 – Showcasing
Innovation and Creativity*



The Department of Artificial Intelligence & Data Science proudly participated in **CARE XPO 2026**, the annual open house organized at CARE College of Engineering on **11 April 2026**. The event served as a dynamic platform for students to showcase their innovative projects, technological solutions, and creative ideas to visitors, industry professionals, school students, and aspiring engineers. It celebrated the spirit of innovation, engineering excellence, and entrepreneurship while highlighting the practical applications of emerging technologies.



INNOVATE

Ideas that
inspire change.



CREATE

Turning creativity
into solutions.



COLLABORATE

Working together
for a better future.



IMPACT

Building today
for tomorrow.



The event was inaugurated and addressed **Shri. B. Prative Chend**, Chief Executive Officer, and the Principal of CARE College of Engineering, who emphasized the importance of innovation, research, and experimental learning in shaping future engineers. Their inspiring address motivated students to think creatively, develop impactful solutions, and transform ideas into real-world innovations.



Innovation distinguishes
between a leader and a
follower.

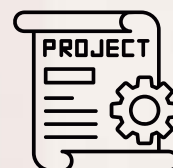
– **Steve Jobs**



Students from the Department of Artificial Intelligence & Data Science enthusiastically demonstrated a wide range of AI-powered projects and intelligent applications, showcasing their technical expertise, creativity, and problem-solving abilities. The exhibits attracted the attention of visitors, providing an opportunity for students to explain their project concepts, demonstrate working models, and receive valuable feedback from academicians, industry experts, and guests.



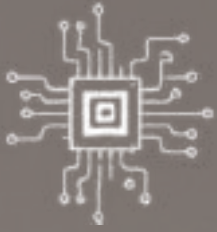
CARE XPO 2026 successfully promoted innovation, collaboration, and knowledge sharing while encouraging students to bridge the gap between classroom learning and real-world applications. The event reflected the department's commitment to nurturing **future-ready professionals** equipped with technical competence, innovative thinking, and entrepreneurial spirit. Through active participation in such initiatives, the AI&DS Department continues to inspire students to explore emerging technologies and contribute meaningfully to society through innovation and research.



CARE XPO 2026

Great **ideas** start here.

Greater **impact** begins with action.



INDUSTRY CONNECT



Bridging Ideas.
Driving **Innovation**.
Building **Impact**.



IoT-Based Innovation at SRF Private Limited

As part of the industry–institute collaboration initiative, students Thanshriyan R, Vasudevan S R, Sirjan S, Sathish Kumar S, and Ranjani A completed industrial training at SRF Private Limited from July 4 to August 22, 2025. Their project, titled “Full-Scale IoT Monitoring System,” focused on developing an intelligent framework to enhance nylon twisting operations.



The team designed an IoT-enabled monitoring system capable of maintaining a consistent nylon twist level of 80 TPM (Twists Per Minute) while measuring the real-time length of twisted nylon in each spindle.



By integrating smart sensors with real-time data transmission mechanisms, the system reduced manual supervision and improved operational accuracy.



Continuous monitoring enhanced quality assurance and supported data-driven production planning. The project demonstrated how intelligent automation and IoT solutions can significantly improve efficiency, precision, and reliability in manufacturing processes.



Digital Transformation at Rane Brake Lining Ltd.

In another impactful industrial engagement, students collaborated with Rane Brake Lining Ltd. to modernize its curing process monitoring system. Previously dependent on manual logbooks and spreadsheet documentation, the system was prone to delays and data inconsistencies.



To address these challenges, the team developed a cloud-integrated web application using modern full-stack technologies.



The digital platform replaced manual documentation with structured online data entry, reduced transcription errors, enabled real-time production tracking, and ensured secure centralized cloud storage.



The structured four-week development cycle—from requirement analysis to deployment—resulted in a reliable and scalable solution aligned with industrial standards. This initiative highlighted how digital transformation can enhance transparency, efficiency, and decision-making in manufacturing environments.



CONNECTING CLASSROOM KNOWLEDGE WITH INDUSTRY EXPERIENCE
INNOVATE. COLLABORATE. **CREATE IMPACT.**

INDUSTRIAL INTERACTION PROGRAM

Connecting Classrooms with Industry. Inspiring
Innovation.



Industry Interaction Program – Exploring Immersive Animation Technologies



The Department of Artificial Intelligence & Data Science organized a two-day Industry Interaction Program on 4 & 5 February 2026. Industry experts Mr. **Puviarasu P** and Mr. **Karthik S**, Unity Developers at AllReal – Machem Innovations Pvt. Ltd., shared their expertise and real-world experiences in immersive technology development.



The program connected academic learning with industry expectations, inspiring students to explore innovative applications of multimedia and animation in the world of AI & Data Science.



Through hands-on demonstrations and practical examples, participants gained valuable insights into animation workflows, 3D environment creation, user interaction design, and industry-standard development practices.



Experts emphasized expanding career opportunities in immersive technologies and encouraged students to strengthen their creativity, problem-solving abilities, and development skills to meet industry demands.



Interactive discussions enabled students to engage with the speakers, clarify technical concepts, and understand how multimedia technologies are transforming sectors such as education, healthcare, entertainment, architecture, and industrial training.



Web App Development Workshop – Real Time Projects in Web App Development



The Department of Artificial Intelligence and Data Science, in association with IEE, IIC, and the ADSA student body, successfully organized a two-day technical workshop on 06th and 07th October at AD LAB-1.

Empowering Minds, Building Skills, Shaping Future Innovators.

Sessions were led by **Mr. Siva Kumar**, Managing Director of **Astonish Indtech Pvt. Ltd. Trichy**.

He guides groups to adapt through real-time project workflows, application architecture, and development life-cycle processes, with emphasis on refined coding practices and collaborative problem-solving.

The program featured a multi-level evaluation process with feedback from guest speakers, faculty and faculty members. The feedback highlighted high satisfaction and the workshop's strong relevance to current curriculum objectives and industry needs.



The event strengthened students' confidence in handling real-world applications and enhanced their readiness for industry-driven careers.



Both programs successfully bridged the gap between academic learning and industry expectations by providing students with practical exposure to emerging technologies. The initiatives reflect the department's commitment to experiential learning, industry collaboration, and preparing students for future careers in technology and digital innovation.



DEPARTMENT OF ARTIFICIAL
INTELLIGENCE AND DATA SCIENCE

FACULTY PATENTS

Innovation Today. Impact Tomorrow.

Our faculty's innovative ideas continue to create real-world impact. These patents reflect their dedication to research, technological advancement, and solving tomorrow's challenges with today's innovation.



Academic Year
2025-2026

S.No	Faculty Name	Patent Name
1	T.Amutha	CRISIS ALERT TECH SYSTEM
2	D.Kiruthiga	PRECISION FOOD STORAGE WITH CLOUD-DRIVEN MACHINE LEARNING FOR TEMPERATURE-CONTROLLED WAREHOUSING
3	S.Nithya Devi	CLOUD BASED RARE DISEASE MANAGEMENT PLATFORM FOR HUNTINGTON'S DISEASE WITH AI PREDICTIVE ANALYTICS
4	K.B.Padmasree T.Amutha S.Nithya Devi	SMART HEALTHCARE: SECURE AI AND IOT INTEGRATION PLATFORM
5	K.B.Padmasree M.Anitha A.Shamugapriya	AI BASED MULTI-EVENT SMART SURVEILLANCE SYSTEM

Every patent is a promise of progress, driven by curiosity, strengthened by research, and dedicated to building a better tomorrow.

EMPOWERING EDUCATORS



Faculty Development Program: *Redefining Engineering Curricula with AI*



The Department of Computer Science and Engineering (CSEO) and Artificial Intelligence & Data Science (AI & DS) recently organized an insightful Faculty Development Program (FDP) aimed at transforming curriculum design through Artificial Intelligence. The session was led by Mr. Kumaranmani, CEO of Tenth Planet, Chennai, who emphasized the need to bridge the gap between academic theory and industrial application using AI-driven strategies.

The CARE Pyramid: A Blueprint for Academic Excellence

A key highlight of the programme was the introduction of the “Course Pyramid” model — a structured framework that maps every subject from foundational concepts to advanced expertise. This approach ensures a clear learning trajectory, enabling students to progressively build competencies aligned with industry standards.

By leveraging AI tools to analyze current market trends and skill demands, faculty members were guided on how to align course outcomes with real-world requirements. The model ensures that curriculum planning is data-informed, outcome-oriented, and future-ready.



The FDP focused on AI-driven curriculum design, encouraging educators to use intelligent tools to identify core competencies and automate course dependency mapping. Emphasis was placed on industrial contextualization — helping students understand not only how concepts work, but why they matter in real-world technology environments.



The programme also highlighted the importance of interdisciplinary integration, demonstrating how each subject contributes to the broader engineering ecosystem. Faculty members explored how coordinated curriculum planning can strengthen student preparedness for industry challenges.



The session concluded with an engaging workshop where faculty from both departments presented their own Course Pyramid designs. These structured models reflected a clear pathway for student growth, ensuring graduates emerge not merely as degree holders, but as skilled, industry-ready innovators equipped for the evolving technological landscape.

ALUMNI

Voices

FROM CAMPUS DREAMS TO PROFESSIONAL MILESTONES

The journey at CARE does not end with graduation—it continues through every achievement, every lesson, and every milestone. Our alumni carry forward the confidence, values, and experiences gained during their college years, turning them into meaningful professional journeys.

Here, two of our accomplished alumni share their reflections and advice for the next generation.

Once a
CAREian,
Always a
CAREian.



NAVAJEEVAN S

Software Engineer, **SolidPro**

B.Tech. AI & Data Science (2021-2025)

“**The trust CARE placed in me made me more responsible, shaped my confidence, and encouraged me to achieve more.**”

During my time at CARE, the facilities never stopped me from exploring beyond academics. I was successful in almost every area a student could explore & even went beyond.

The trust they placed in me made me more responsible, shaped my confidence & encouraged me to achieve more. Being honoured with the prestigious title of 'Best Going Outgoing Student' of my batch remains a proud reflection of that journey.



His journey reminds us: **Explore fearlessly.**
Take responsibility. Go beyond what you think is possible.



SAKTHI M

Systems Engineering, **TCS**, Chennai

B.Tech. AI & Data Science (2021-2025)

“**Work hard for the future you dream of, but don't forget to enjoy the journey along the way.**”

Years from now, you may look back and realize that your college days were some of the most beautiful chapters of your life.

The friendships, memories, challenges and celebrations at CARE shaped me not just as a professional, but as an individual.



His message to the next generation:
Dream big. Work hard. Make memories. Enjoy the journey.



LEARN



GROW



LEAD



INSPIRE

Every alumnus carries a piece of CARE into the world.
Every achievement becomes part of our shared story.

Proud of our past.
Inspired for the future.



Alumni SPOTLIGHT

FROM LEARNING TO LEADING, FROM EXPERIENCE TO EXCELLENCE.

SUMITHRA A

(2021-2025)

DATA SCIENTIST, GEEKMINDS TECHNOLOGY, CHENNAI.

“ My journey from being a student of AI & Data Science to becoming a Data Scientist at GeakMinds Technology has been a journey of learning, growth, and self-discovery. My college and department shaped me in many ways, not just academically but also as a person. One of the most important experiences was serving as the President of the Artificial Intelligence and Data Science Student Association (ADSA) during 2024–2025. Taking up that responsibility taught me how to lead a team, communicate with different people, handle challenges, take decisions, and step out of my comfort zone. These experiences slowly built my confidence and helped me understand the importance of teamwork and responsibility, which continue to help me in my professional life today. Along with the technical knowledge I gained through projects and learning, the opportunities and responsibilities given by my department helped me grow mentally, personally, and professionally. When I look back today, I feel genuinely happy and proud of how far I have come. I am grateful to my college, department, faculty, friends, and everyone who supported me along the way. The person I am today is a reflection of all those experiences, and I will always cherish the place where my journey truly began.



Alumni SUCCESS STORY

FROM **CLASSROOMS** TO
CAREERS, FROM
DREAMS TO **IMPACT**.

QUINY CHRISTABEL R

(2021-2025)

**DATA SCIENTIST,
NINJACART, BANGALORE.**

“

Every journey has a starting point, and mine began in the Artificial Intelligence and Data Science department. Over the past four years, I found a place where I could learn, grow, and discover my passion for technology while creating memories and friendships that I will always treasure. The journey wasn't just about academics—it was about becoming a better version of myself every day. Graduating with 1st Rank, Distinction, and completing the Honors program are milestones I will always hold close to my heart. In my final semester, I joined Ninjacart as an SDE Intern, and my performance there earned me a full-time role as a Data Scientist, making my transition from student to professional especially meaningful. As I look back, I'm grateful for every lesson, every challenge, and every person who was part of this journey. AI & DS will always be the place where my dreams began to take shape.

”

INSPIRED HERE. ACHIEVING EVERYWHERE.

AI GAMES

THINK. SOLVE. LEARN.

Artificial Intelligence is everywhere—powering games, apps, robots, and smart systems. Stretch your brain with these AI-inspired puzzles and challenges. Sharpen your logic, pattern recognition, and problem-solving skills!

01 AI PATTERN FINDER

What comes next in the sequence?



Hint: Observe the pattern of dots.



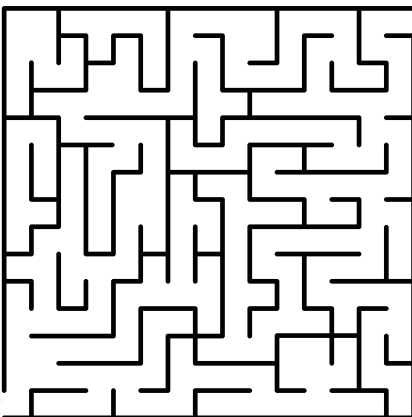
02 AI LOGIC GRID

Each row and column must contain all numbers from 1 to 4 (no repeats). Can you complete the grid?

1	3		4
	4	1	
2		4	1
3	1		2

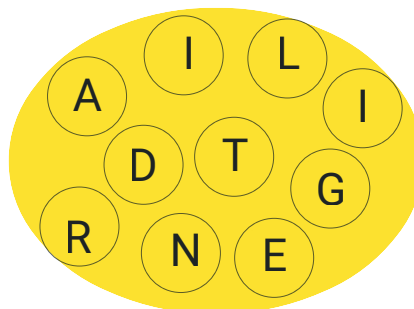
03 AI MAZE CHALLENGE

Help the AI robot reach the goal by finding the shortest path.



04 AI WORD CONNECT

Connect the following AI terms using the given letters. Each word must be at least 4 letters long.



Example: DATA, GRID, LEARN...



AI IN GAMES

AI controls non-player characters (NPCs), adapts difficulty levels, and creates realistic game environments.

SMART DECISIONS

AI algorithms help games make smart decisions, predict player moves, and create unique experiences.

PATTERN RECOGNITION

AI can recognize patterns faster than humans—used in puzzles, predictions, and strategy games.

LEARNING & ADAPTING

AI learns from data and adapts over time—just like players improve with practice!

STUDENTS CORNER

Where Voices Shine and Ideas Take Flight

“ This is our space to dream, create, express and inspire. ”

The Students Corner is a reflection of our vibrant campus life and the limitless potential within each of us. It brings together thoughts, talent, and creativity in the form of articles, poems, sketches, photography, and more. Here, every idea matters, every voice is heard, and every contribution inspires.



EXPRESS

Share your thoughts and creativity freely.



CONNECT

Build bonds through shared ideas and experiences.



INSPIRE

Be inspired by stories that motivate change.



DISCOVER

Discover new perspectives and hidden talents.

STUDENT ARTICLE

The Future is Intelligent.

Artificial intelligence is not just a technology; it is a transformation. From the way we learn to the way we live, AI is shaping a smarter, more efficient, and more connected. The real challenge is not just building intelligent machines, but creating a better world with them.

- By Shruthi M



STUDENT POETRY

Life is like a book,
With the authors name as ours,
Each day is a new page,
Which we write because,
The life we live ,
Is the one we write,
The life we write ,
Should be the one that is UNIQUE.

- Harini R 🖋️



STUDENT THOUGHT

LIFE AS MODEL

Life is not a perfect model,
Every mistake adds something new.
Learn from the data life gives you,
And build a better version of you.

- Suriya Prakash A



STUDENT PHOTOGRAPHY



Sunsets on campus remind us that every ending is a beautiful beginning.

— by Mohamed Ashith M



Creativity is intelligence having fun.
Keep creating, keep **inspiring!**



BE A PART OF IT!

Have something to share?
We'd love to feature your work in the next edition.



Write. Create.
Share. Inspire.



Your Voice. Your Space. Your Story.
Let's make every page unforgettable.



Let your words be heard,
your ideas be seen, and your journey be celebrated.

TOP MINDS ON AI

*Voices.
Insights.
Inspiration.*



SUNDAR PICHAI

CEO,
Alphabet (Google)

“Artificial Intelligence is the most significant technology humanity is working on — even more transformative than fire or electricity.”



JANSEN HUANG

Founder & CEO,
NVIDIA

“The next wave of AI is physical and agentic—AI that can understand, reason, and act in the real world.”



K. KRITHIVASAN

CEO & MD,
Tata Consultancy Services

“AI will reshape work, not replace people. Real value comes from domain expertise, data readiness and long-term innovation.”



SATYA NADELLA

Chairman & CEO,
Microsoft

“Artificial intelligence is not a substitute for human intelligence; it is a tool to amplify human creativity and ingenuity.”



GINNI ROMETTY

Former CEO,
IBM

“Artificial Intelligence will not replace humans, but humans who use AI will replace those who don't.”



FEI-FEI LI

AI Researcher & Professor,
Stanford University

“Artificial intelligence is not a substitute for human intelligence; it is a tool to amplify human creativity and ingenuity.”



GALLERY

SNAPSHOTS OF OUR JOURNEY





THANK *You!*

FOR BEING A PART OF OUR JOURNEY



We extend our heartfelt gratitude to everyone who contributed their time, ideas, and support in making this magazine possible.

Your encouragement and belief in our vision inspire us to keep growing and creating.



TO OUR CONTRIBUTORS

Thank you for sharing your knowledge and insights.



TO OUR TEAM

Thank you for your dedication, creativity, and hard work.



TO OUR PARTNERS

Thank you for your collaboration and continuous support.



TO OUR READERS

Thank you for your interest and valuable feedback.



Together, we learn. Together, we grow.

THANK YOU!



INSPIRE. INNOVATE. IMPACT.

Behind every dream is dedication. Behind every achievement is a story worth sharing.



STUDENT STORIES

Voices of tomorrow, leaders of today.



INNOVATION

Ideas that challenge the present and shape the future



COMMUNITY

Together, we build a stronger tomorrow.

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