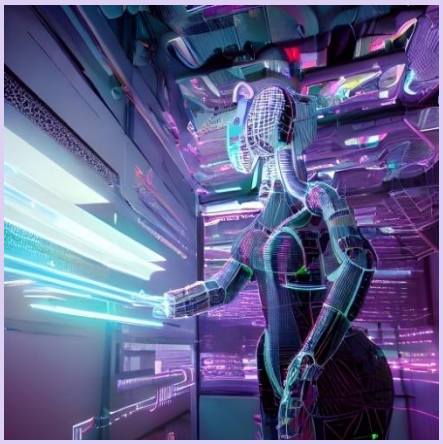
Sri SAI RAM ENGINEERING COLLEGE
West Tambaram, Chennai - 44



ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

NEWSLETTER

March 2024, Volume 3, Issue 3

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FACULTY IN CHARGE: Mr. Muthamil Selvan S

DEPARTMENT HoD: Dr. Swagata Sarkar

Vision/Mission of College

Vision

To emerge as a "Centre for excellence" offering Technical Education and Research Opportunities of very high standards to students, develop the total personality of the individual, and in still high levels of discipline and strive to set global standards, making our students technologically superior and ethically strong, who in turn shall contribute to the advancement of society and human kind.

Mission

We dedicate and commit ourselves to achieve, sustain and foster unmatched excellence in Technical Education. To this end, we will pursue continuous development of infrastructure and enhance state-of-the art equipment to provide our students a technologically up-to date and intellectually inspiring environment of learning, research, creativity, innovation and professional activity and inculcate in them ethical and moral values.

Quality Policy

We at Sri Sairam Engineering College are committed to build a better nation through Quality Education with team spirit. Out students are enabled to excel in all values of Life and become Good Citizens. We continually improve the System, Infrastructure and Services to satisfy the Students, Parents, Industry and Society.

Vision/Mission of Department

Vision

To emerge as a "Centre of Excellence in the field of Artificial Intelligence and Data Science", The Department is committed to inculcate discipline, offering best Technical Education and Research Opportunities and ethically strong to meet the global challenges, who in turn shall contribute to the advancement and welfare of the society.

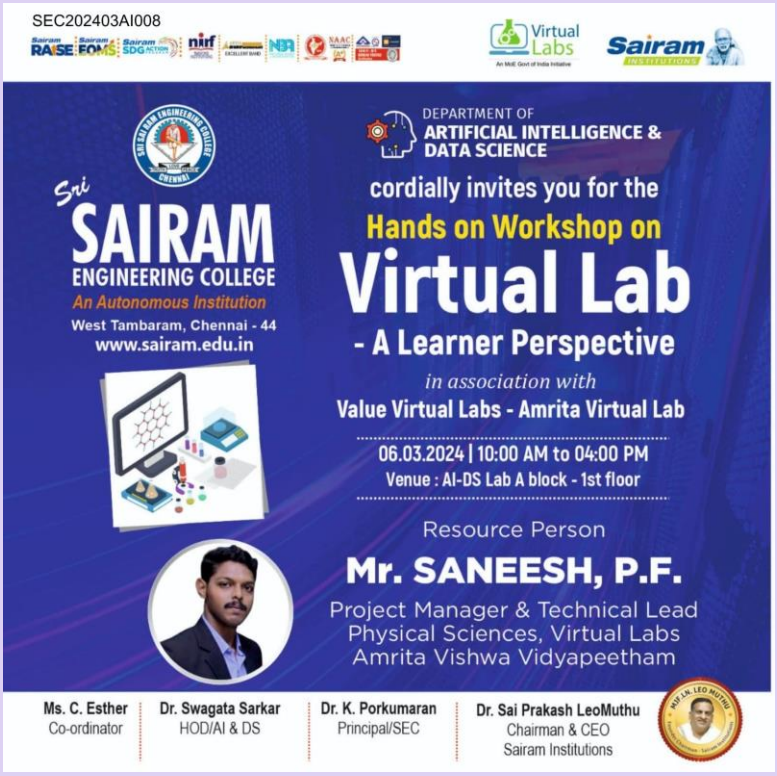
Mission

- To produce students with a sound understanding of the fundamentals of the theory and practice of Artificial Intelligence, Machine learning and Data Science.
- To enable students to become leaders in the Industry and Academia Nationally as well as internationally.
- To meet the pressing demands of the nation in the areas of Artificial Intelligence and Data Science.

Epitome of Our Mission

The Department of Artificial Intelligence and Data Science emerged in the year 2020 in Sairam Institutions with the intake of exiguous students. It has now evolved quintessentially with an admirable admission of about 60 aspiring students in 2020, 120 in 2021, 180 in 2022 and gradually increasing each year, join in the hands with a dedicated team of erudite faculty.

Empowering Excellence: Recap of Our Department's Virtual Lab Awareness Program



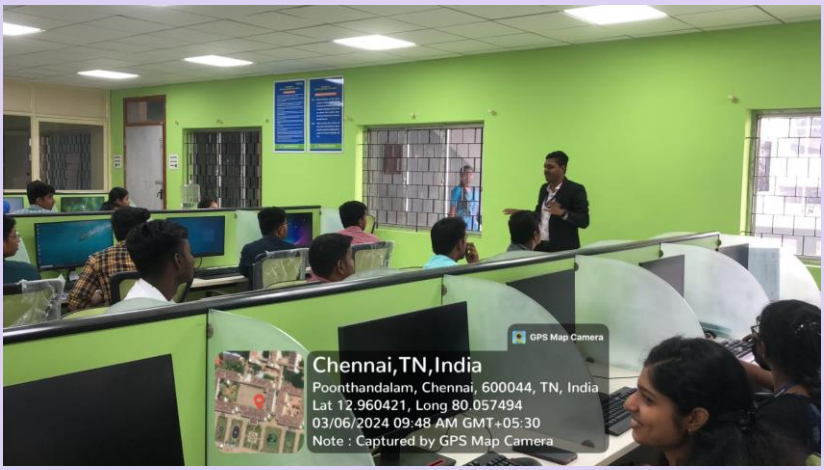
The virtual lab awareness program held on March 6 was a resounding success, leaving a lasting impact on our department's collective knowledge and collaborative spirit. The hands-on workshop Led by esteemed Technical Lead, Mr Saneesh P. F, the event brought together representatives from every section of our department, creating a dynamic environment for learning and sharing.

, Mr Saneesh P. F's keynote address set the tone for the day, as he eloquently illuminated the path forward with insights gleaned from years of experience at the forefront of our industry. His presentation not only highlighted the latest advancements but also emphasized the importance of embracing change and innovation in our work.

One of the highlights of the program was the series of interactive discussions, workshops, and demonstrations that engaged participants throughout the day. From exploring new methodologies

to mastering advanced tools, each session was crafted to provide practical, hands-on experiences that deepened our understanding and honed our skills.

Moreover, the program served as a catalyst for strengthening bonds within our department. As colleagues collaborated and exchanged ideas, a sense of camaraderie and shared purpose emerged, fostering a culture of support and collaboration that will undoubtedly propel us forward.

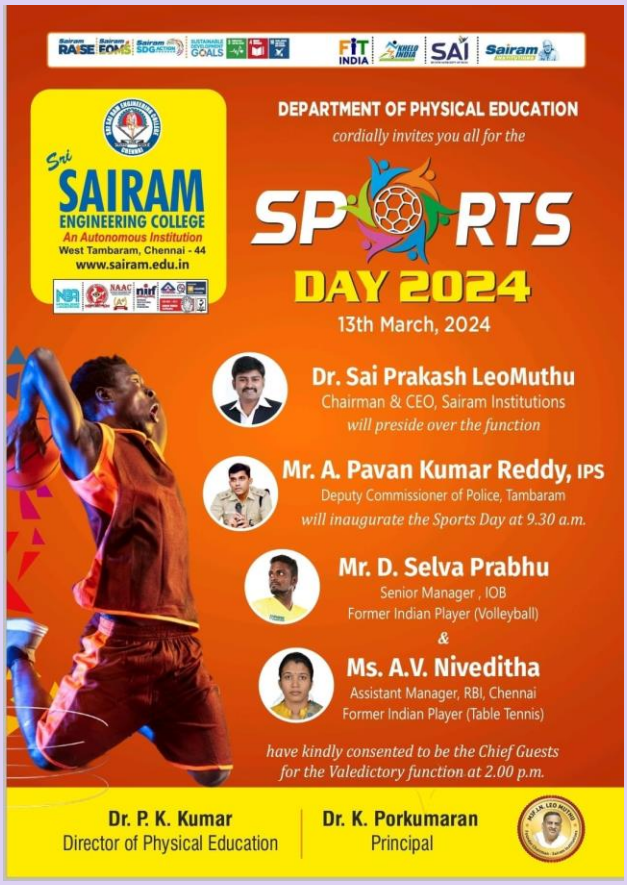


As participants departed the event, they carried with them not only newfound knowledge but also a renewed sense of enthusiasm and dedication to our shared mission. The virtual lab awareness program was not just a one-time event; it marked the beginning of a journey towards continuous learning and excellence, ensuring that our department remains at the forefront of innovation in our field.

Triumph on the Field: Sri Sairam Engineering College's Spectacular Sports Day Celebration

The Sports Day at Sri Sairam Engineering College was not just an event but a month-long celebration of athleticism, teamwork, and dedication. The highlight of this extravaganza was the extraordinary performance exhibited by the students of our department. From heart-pounding matches to awe-inspiring displays of skill, our students left an indelible mark on the field.

On the 13th of March, the culmination of this month-long event took place in a grand awarding ceremony. The ceremony was graced by esteemed personalities including the CEO, Principal, and IPS Officer Pavan Kumar Reddy, whose presence added prestige to the occasion. Their encouragement and support uplifted the spirits of every participant and spectator present.



The ceremony was inaugurated by IPS Officer Pavan Kumar Reddy, whose inspiring words set the tone for the event. His emphasis on the importance of sports in holistic development resonated with everyone present. The stage was then set for the prize distribution, a moment eagerly awaited by all.

Prizes were awarded by distinguished guests, including Selva Prabhu, former Indian volleyball player, and Niveditha, former Indian table tennis player. Their presence added a layer of inspiration and motivation for the budding athletes. As they handed out the awards, they shared words of wisdom and encouragement, urging the students to continue pursuing their passion for sports with dedication and determination.

The atmosphere was electric as the deserving winners were honored for their outstanding performances. Cheers and applause filled the air as each student walked up to receive their well-deserved recognition. Beyond the glitz and glamour, the ceremony was a testament to the hard work, perseverance, and sportsmanship displayed by every participant throughout the month.

Overall, the Sports Day at Sri Sairam Engineering College was not just a celebration of athletic prowess, but also a reflection of the college's commitment to nurturing holistic development among its students. It served as a reminder that through sports, one can learn invaluable lessons that extend far beyond the playing field.

From Algorithms to Athletics: AI and Data Science Whizzes Dominate Sports Day

Amidst the pulsating energy and fierce competition of Sri Sairam Engineering College's Sports Day, the triumphs of Anu and Veda Priya from the Department of Artificial Intelligence and Data Science shone brightly. Representing their department with pride and prowess, Anu and Veda Priya showcased exceptional talent in the discus throw event, leaving an indelible mark on the field of play.

Anu, a dedicated member of the second year cohort, unleashed her athletic prowess with throws that soared through the air with precision and power, securing the top spot in the event. Her dedication to training and relentless pursuit of excellence were evident in every throw she made, earning her the admiration of peers and competitors alike.

Similarly, Veda Priya, a stalwart from the third year, exhibited impeccable technique and skill, claiming the second position with throws that showcased her mastery of the sport. Her consistent performance and unwavering determination served as an inspiration to all who witnessed her remarkable feats on the field.

The accolades bestowed upon Anu and Veda Priya were not only a testament to their individual talents

but also a reflection of the collective strength and dedication of the Department of Artificial Intelligence and Data Science. Their victories resonated deeply within the department, serving as a source of pride and inspiration for fellow students and faculty members.

As Selva Prabhu and Niveditha, esteemed guests and icons of Indian sports, presented Anu and Veda Priya with their well-deserved prizes, the significance of their achievements was magnified. Their recognition on such a prestigious platform elevated the profile of the Department of Artificial Intelligence and Data Science, showcasing its commitment to excellence not only in academics but also in extracurricular pursuits.

Beyond the realm of sports, the success of Anu and Veda Priya underscored the department's ethos of innovation, determination, and teamwork – qualities essential in both athletic endeavors and academic pursuits within the field of Artificial Intelligence and Data Science. Their victories served as a reminder of the limitless potential that exists within the department, inspiring future generations of students to strive for greatness in all their endeavors.

From Algorithms to Athletics: AI and Data Science Whizzes Dominate Sports Day

As the dust settled on the track and the cheers echoed across the stadium, the victory of the AI-DS department in the fiercely competitive 4x100m relay final reverberated as a testament to their exceptional athleticism and teamwork. Led by Sudharsan, a standout third-year student whose speed and precision propelled the team to victory, the quartet demonstrated seamless coordination and unwavering determination throughout the race.

Gowtham and Karthikeyan, both second-year students, showcased remarkable synchronicity as they seamlessly exchanged the baton, ensuring maximum efficiency and momentum. Their dedication to training and relentless pursuit of perfection were evident

in every stride, as they powered down the track with unwavering resolve.

Hemanathan, another talented second-year student, rounded out the team with his agility and determination, pushing through every stride with unmatched grit and tenacity. His contributions were instrumental in securing the gold medal for the AI-DS department, underscoring the depth of talent within their ranks.

The prize distribution ceremony, graced by the esteemed presence of Selva Prabhu and Niveditha, added an extra layer of prestige and excitement to the event. Their words of encouragement and admiration for the athletes not only elevated the significance of the victory but also served as a source of inspiration for the entire college community.

The recognition bestowed upon the winning team by such distinguished personalities served as a powerful motivation to continue pushing the boundaries of their potential, both on and off the track. It reinforced the importance of hard work, dedication, and teamwork in achieving success, both in sports and in life.

As the curtains closed on another memorable Sports Day at Sri Sairam Engineering College, the legacy of the AI-DS department's triumph in the 4x100m relay final served as a shining example of what can be achieved through determination, perseverance, and collective effort. It was a celebration of athleticism, camaraderie, and the indomitable spirit of the human endeavor, leaving an indelible mark on all who witnessed it.

Innovathon 2.0 Grand Finale Marks a Triumph of Innovation and Collaboration

The culmination of Innovathon 2.0 witnessed a dazzling display of creativity and ingenuity as aspiring entrepreneurs and innovators showcased their groundbreaking ideas at the Sri Leo Muthu Indoor Stadium. With a panel of 18 esteemed judges presiding over the event, participants vied for top honors and recognition for their innovative solutions to pressing societal challenges

The first day of Innovathon 2.0, held at the Sri Leo Muthu Indoor Stadium from 9:00 am to 3:00 pm, unfolded amidst an atmosphere charged with anticipation and excitement. As participants presented their projects and prototypes, they faced rigorous scrutiny from a distinguished panel of 18 judges, representing a diverse array of expertise and industry experience.

Leading the panel of judges was Mr. Naved Ahmed, Head Manager of South Region Deployment at the Wadhwani Foundation, bringing with him a wealth of knowledge in entrepreneurship and innovation. Joining him were Mr. Sasikumar Chandran, Chief Executive Officer of Enclave Off, and Mr. John Kiran, the esteemed Founder and CEO of an illustrious organization. Their

presence lent gravitas to the proceedings, underscoring the significance of Innovathon 2.0 as a platform for nurturing innovative ideas and fostering entrepreneurship.

As the presentations unfolded, each team sought to impress the judges with their ingenuity and problem-solving prowess. From cutting-edge technological solutions to innovative business models, the projects on display spanned a wide spectrum of industries and domains, reflecting the diversity of talent and creativity among the participants.

Following an intense day of pitches and deliberations, the stage was set for the grand finale at the Sairam Techno Incubator Foundation on Day 2, from 10:00 am to 12:00 noon. Here, the finalists had the opportunity to showcase their projects to a distinguished panel of jury members, including luminaries such as Mr. Panneerselvam Madanagopal, a renowned figure in the field of entrepreneurship education, and Dr. R. Sujatha, a respected Sr. Advisor at T-Hub.

With the presence of such esteemed guests, including Mr. John Kiran as the Chief Guest and representatives from the Wadhwani Foundation, the grand finale promised to be an exhilarating culmination of weeks of hard work, dedication, and innovation. As the winners were announced and accolades bestowed, Innovathon 2.0 stood as a testament to the power of collaboration, creativity, and entrepreneurship in driving positive change and transformation in society.

Innovathon 2.0 exemplified the spirit of innovation and collaboration, bringing together visionaries, entrepreneurs, and industry leaders to catalyze positive change and drive sustainable development. As the event drew to a close, participants departed with newfound inspiration and determination to continue their journey of innovation and entrepreneurship, empowered by the knowledge that their ideas have the potential to shape the future for the better.

DEPARTMENT OF
ARTIFICIAL INTELLIGENCE
& DATA SCIENCE

AI and Data Science Stars Shine Bright: Department Dominates Innovathon 2.0 with Five Victorious Teams

The remarkable achievements of the third-year students from the Department of Artificial Intelligence and Data Science at the Innovathon 2.0 event have not only set a new benchmark but have also showcased their exceptional prowess in tackling challenges within the realms of artificial intelligence and data science. Outshining their peers, these students formed five formidable teams that clinched victory across various categories, leaving an indelible mark on the competition.

With a keen focus on leveraging their expertise in AI and data science, these teams embarked on a journey of innovation, applying their knowledge to address pressing issues and explore ground-breaking solutions. From devising advanced predictive models to unravelling insights from vast datasets, each team exhibited a remarkable blend of technical proficiency, analytical acumen, and creative thinking.

Their success serves as a testament to the rigorous training and comprehensive education imparted by our department, which equips

students with the skills and knowledge needed to excel in the rapidly evolving field of technology. By providing a conducive learning environment and fostering a culture of innovation, the department has nurtured a cohort of talented individuals poised to make significant contributions to the industry.

As these students bask in the glory of their achievements, their victories not only bring honour to themselves but also shine a spotlight on the excellence and calibre of our department. Their accomplishments serve as an inspiration to future generations of students, encouraging them to strive for excellence and embrace the spirit of innovation and entrepreneurship.

In conclusion, the success of the five teams from the Department of Artificial Intelligence and Data Science at the Innovathon 2.0 event is a testament to their dedication, ingenuity, and unwavering commitment to excellence. Their achievements not only reflect positively on our department but also reaffirm our college's position as a breeding ground for future innovators and leaders in the field of technology.

AI and Data Science Stars Shine Bright: Department Dominates Innovathon 2.0 with Five Victorious Teams

The students from our department showcased their ingenuity and dedication by contributing innovative projects to the S2T event organized annually by our college, where school children participate to explore the world of technology. Among them, Bramarambika, Harini, and Prabhakaran from the third year, along with Dinesh, Egadarshan, Ratnesh, and Rajkumar from the second year, stood out for their exceptional contributions. They were prized on the Sri Sairam Instiution's grand day, Sparkles 2024.

Their projects not only demonstrated technical proficiency but also addressed real-world challenges in creative and impactful ways. From developing educational apps to designing interactive learning modules, their initiatives aimed to enrich the learning experience of young participants and foster their interest in technology from an early age.

The recognition they received in the form of Amazon vouchers worth 2000 each is a testament to the significance and quality of their contributions. It not only serves as a reward for their hard work and dedication but also encourages them to continue exploring innovative solutions and making a positive impact in their respective fields.

Moreover, their involvement in initiatives like the S2T event highlights the importance of community engagement and knowledge sharing within our department. By inspiring and empowering the next generation of technologists, they contribute to the broader goal of advancing technology education and innovation in society." add that point and give headline

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Outstanding Success in SDG Innovation Challenge at TECHNOWAYS

N. Srinivasan, a third-year student from Sri Sairam Engineering College, achieved remarkable success by securing the First Position in the SDG Innovation Challenge at TECHNOWAYS, a prestigious National Level Techfest organized by Sri Venkateswara College of Engineering, Sriperumbudur, Chennai, held on March 15th and 16th, 2024. Srinivasan's project, showcasing his prowess in Artificial Intelligence and Data Science, proposed innovative solutions aligned with the United Nations Sustainable Development Goals. His victory not only highlights his individual talent but also underscores the institution's commitment to nurturing innovation among its students.

SVCE Sri Venkateswara College of Engineering

CERTIFICATE OF APPRECIATION

This Certificate is presented to SRINIVASAN N from SRI SAI RAM ENGINEERING COLLEGE for securing the FIRST position in SDG INNOVATION CHALLENGE in TECHNOWAYS, a National-level technical fest, organized by Sri Venkateswara College of Engineering, Sriperumbudur on 15th and 16th of March 2024.

Srinivasan's achievement serves as a beacon of inspiration, demonstrating the potential of students to address pressing global challenges through technology. His project, marked by its creativity and practicality, not only brings honor to Sri Sairam Engineering College but also underscores the importance of fostering a culture of innovation within educational institutions. Srinivasan's success is a testament to the dedication of both the student and the institution in leveraging technology for positive social impact.

AI&DS Department Ignites Innovation Spirit with Virtual Awareness Session on Innovation Ecosystem

On March 29, 2024, the Department of Artificial Intelligence and Data Science (AI&DS) at [College/University Name] organized a groundbreaking virtual awareness session aimed at delving into the intricacies of the Innovation Ecosystem. Led by dynamic second-year students Yamuna S and Pradeep S, the session served as a beacon of knowledge, enlightening attendees on entrepreneurship, research collaboration, and funding opportunities within the realm of innovation.

Yamuna S and Pradeep S, both second-year students distinguished for their passion and expertise in the field, took center stage as they shared invaluable insights and perspectives garnered from their experiences. Their presentation navigated through the intricate pathways of entrepreneurship, shedding light on the essential ingredients for launching successful ventures and navigating the entrepreneurial journey.

Furthermore, the session delved into the realm of research collaboration, emphasizing the transformative power of interdisciplinary partnerships in driving innovation forward. Yamuna

and Pradeep elucidated on the strategies for fostering effective collaborations and leveraging collective expertise to tackle complex challenges with ingenuity and creativity.

Moreover, the duo meticulously outlined various funding opportunities available to aspiring innovators, offering practical guidance on securing financial support for innovative projects and initiatives. The session concluded on a high note, with participants expressing gratitude for the enriching experience and newfound insights gained. Yamuna and Pradeep's passion, coupled with their engaging presentation style, ignited a spirit of entrepreneurship and innovation among attendees, inspiring them to embark on their own journeys of exploration and discovery within the innovation ecosystem.

Such initiatives play a pivotal role in fostering a culture of innovation within the AI&DS department, empowering students to emerge as trailblazers and catalysts of change in the ever-evolving technological landscape. As the department continues to champion initiatives that nurture creativity, collaboration, and innovation, the future holds boundless possibilities for its students to thrive as leaders and innovators in the global arena

NSS special camp

The NSS Special Camp held in Poonthandalam village from February 29 to March 6 was a transformative experience for the AI & DS 2nd-year students. Throughout the seven days, the students actively engaged in various activities aimed at contributing to the betterment of the community and fostering a spirit of service and unity.

One of the highlights of the camp was the comprehensive survey conducted by the students to understand the socio-economic dynamics of the village better. This data would prove invaluable in identifying areas for improvement and implementing targeted interventions.

Additionally, the medical camp organized by the students provided much-needed healthcare services to the villagers, addressing immediate health concerns and raising awareness about preventive measures. Furthermore, initiatives such as lake cleaning, school and village events, temple visits, and yoga sessions demonstrated the students' commitment to holistic development and cultural exchange.

The students also showcased their talents through performances like dance, mime, pyramid formation, silambam, and skit during the cultural events, bringing joy and entertainment to the local community.

The culmination of the camp was Logadeepak K's recognition by the CEO for his participation in the National Integration Camp (NIC), symbolizing the students' dedication to national unity and communal harmony.

In conclusion, the NSS Special Camp provided AI & DS students with a platform to apply their skills and knowledge for the betterment of society while fostering personal growth and camaraderie. It was a testament to the power of youth-driven initiatives in driving positive change and promoting social cohesion.

Sparkle'24: A Glorious Cultural Extravaganza

On the auspicious occasion of Sparkle '24, held on March 15th, the Department for Artificial Intelligence and Data Science (AI & DS) proudly received the prestigious Veeramuthuvel Award. This esteemed accolade was presented by none other than Actor Jayam Ravi, adding a touch of glamour to the event. The award ceremony was a momentous occasion, attended by distinguished guests, faculty members, and enthusiastic students.

The Veeramuthuvel Award holds significance as it recognizes innovation, a cornerstone of progress in the fields of AI and DS. It is

named after Dr. Veeramuthuvel, the esteemed Mission Director of Chandrayaan 3 and an alumnus of Sairam Engineering College. His illustrious career and contributions to the field serve as an inspiration to all aspiring technologists.

The honor was graciously accepted by our esteemed Head of Department, Dr. Swagata Sarkar, alongside the dedicated faculty members of the AI and DS department. Their relentless efforts in fostering creativity, pushing boundaries, and nurturing talent have undoubtedly contributed to this moment of triumph.

Receiving the Veeramuthuvel Award is not just a recognition of past achievements but a reaffirmation of our commitment to innovation and excellence. It serves as a reminder of the importance of pushing the boundaries of knowledge and leveraging technology for the betterment of society.

In conclusion, the Veeramuthuvel Award bestowed upon the AI and DS department at Sparkle '24 is a testament to our collective dedication, ingenuity, and passion for innovation. As we celebrate this milestone, let us continue to strive for greater heights and make meaningful contributions to the world of technology and beyond.

Sparkle’24: A Glorious Cultural Extravaganza

On March 13, 2024, the esteemed faculties of Artificial Intelligence and Data Science (AI & DS), Mr. Arun and Mr. Muthamilselvan, embarked on an enlightening journey to explore the Force of Rapid Transformation in Mampakkam, Sriperumbudur. This visit marked a significant stride in understanding the cutting-edge advancements and real-world applications of transformative technologies.

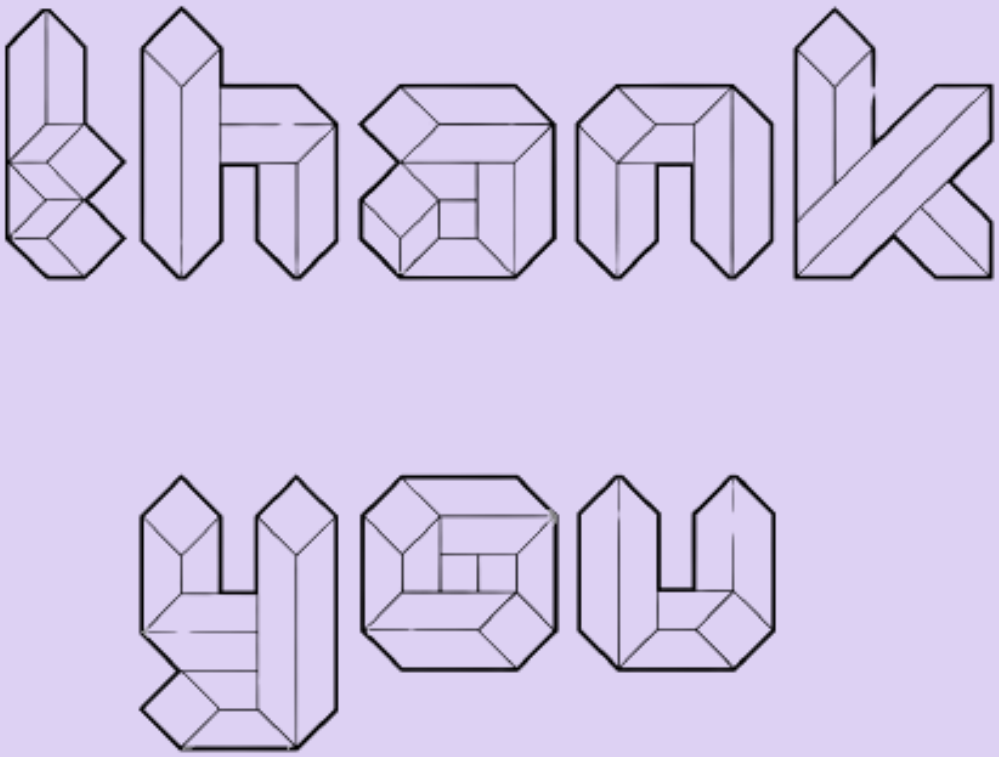
As they stepped into the realm of innovation, they were greeted with an atmosphere pulsating with energy and innovation. The Force of Rapid Transformation served as a melting pot of ideas, where pioneers and visionaries congregated to showcase groundbreaking initiatives driving the future of technology.

Mr. Arun and Mr. Muthamilselvan were captivated by the myriad of exhibits demonstrating the practical implementations of AI and DS across various sectors. From healthcare to manufacturing, from finance to agriculture, the transformative power of these technologies was palpable. They witnessed how AI algorithms optimized processes, DS

techniques extracted actionable insights from data, and innovative solutions revolutionized traditional industries.

Engaging in insightful discussions with industry experts and thought leaders, they gained invaluable perspectives on the challenges and opportunities inherent in the era of rapid transformation. They exchanged ideas, shared best practices, and forged connections that promised to enrich their academic endeavours and empower their students with real-world knowledge.

Leaving the Force of Rapid Transformation, Mr. Arun and Mr. Muthamilselvan carried with them a renewed sense of purpose and inspiration. They were determined to integrate the lessons learned into their curriculum, fostering a generation of AI and DS professionals equipped to navigate the ever-evolving landscape of technology with confidence and expertise.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you