



ARTIFICIAL INTELLIGENCE AND DATA SCIENCE NEWSLETTER

November 2024, Volume 3, Issue 11

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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. Our 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.

Dr. Swagata Sarkar: Top Publisher of the Month

Dr. Swagata Sarkar, Head of the Department and Professor of Artificial Intelligence and Data Science (AI & DS), continues to set a remarkable standard in academic research. In October, she achieved the prestigious title of Top Publisher of the Month with the successful publication of three scholarly papers, a testament to her dedication to advancing AI and data science.

Her recent publications have not only contributed to cutting-edge research but have also strengthened the academic reputation of the AI & DS department. This achievement adds to her extensive academic portfolio, with a total of 37 publications indexed in Scopus, an internationally recognized database of peer-reviewed literature.

Dr. Sarkar's research has earned her a Scopus H-index of 6, reflecting the consistent impact and quality of her work. The H-index indicates that at least six of her papers have been cited six times or more, demonstrating their significance within the research community. Moreover, her publications have garnered an impressive 74 citations, highlighting their relevance and influence in the evolving field of AI and data science.

Her unwavering commitment to research excellence inspires students and faculty alike. Dr. Sarkar's leadership and contributions not only elevate



the academic standards of Sri Sairam Engineering College but also pave the way for future innovations in AI and data science. Her success is a shining example of how dedication to research can lead to impactful advancements in technology and education, motivating young researchers to pursue excellence and innovation.

Inauguration of Precision Engineering and Technology Centre (PETC) at Thirumudivakkam

The inauguration of the Precision Engineering and Technology Centre (PETC) at the SIDCO industrial estate in Thirumudivakkam marked a significant milestone in advancing precision engineering and technological development in Tamil Nadu. The center, developed at a cost of ₹18.18 crore, was inaugurated by the Honorable Chief Minister of Tamil Nadu, Thiru M. K. Stalin.



The event was graced by several prominent leaders, including Minister Thiru Tha. Anbarasan, Member of Parliament Thiru T. R. Baalu, and Members of the Legislative Assembly Mr. K. Selvaperunthagai, Mr. S.R. Raja, and Mr. I. Karunanithi, emphasizing the government's commitment to fostering industrial and technological growth.

Our esteemed Chairman and CEO, Dr. Sai Prakash Leo Muthu, warmly welcomed the Chief Minister to the venue, highlighting the importance of this initiative in strengthening the industrial ecosystem and enhancing employment opportunities for future engineers and entrepreneurs.

The establishment of PETC is expected to play a pivotal role in the precision engineering sector by offering state-of-the-art facilities, promoting research and development, and nurturing skilled professionals. By



integrating advanced technology with industry needs, PETC aims to bridge the gap between academia and industry, fostering innovation and economic development.

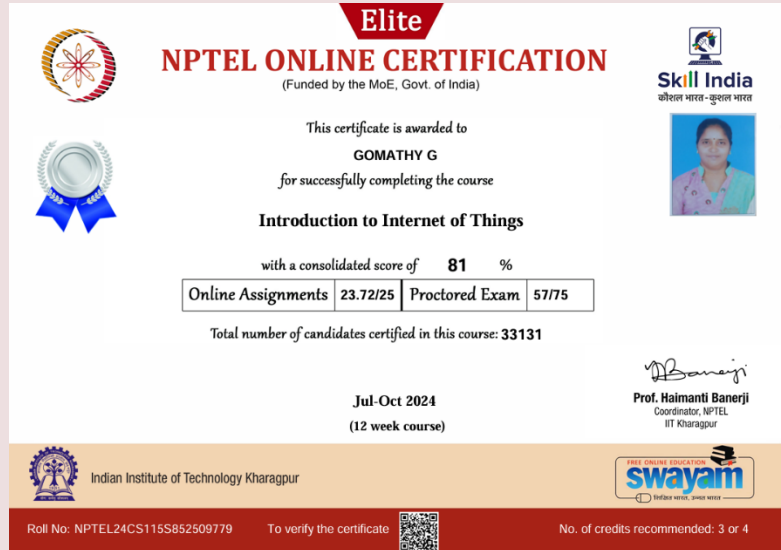
A notable moment of pride was the involvement of Mr. Prabakaran, a student

from our department, who had the privilege of participating in the event, reflecting the inclusive vision of empowering young talents. His presence underscores the initiative's focus on engaging the next generation of engineers in transformative projects.

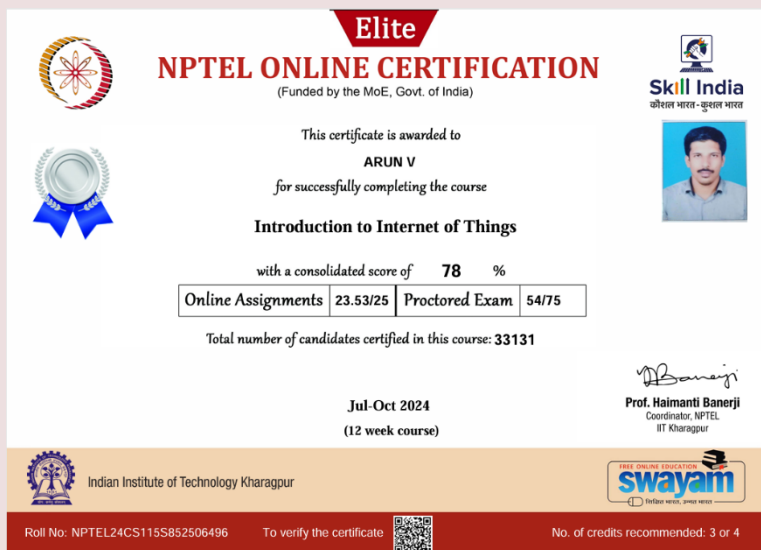
The inauguration of PETC signifies a progressive step towards making Tamil Nadu a hub for precision engineering, contributing to both the state's industrial growth and the country's technological advancements.

Academic Excellence in NPTEL Certification: A Proud Achievement for Our Department

Our department is proud to celebrate the academic accomplishments of two of our esteemed faculty members, Mr. Arun V and Mrs. Gomathy G, who have demonstrated exceptional dedication to professional development by earning prestigious NPTEL certifications in the course titled "Introduction to Internet of Things." Their achievements not only highlight their personal commitment to continuous learning but also contribute to elevating the academic standards of our institution.



Mr. Arun V, Assistant Professor, successfully completed the NPTEL course with an impressive score of 78%, earning the Elite with Silver certification. His achievement reflects a strong understanding of IoT fundamentals and showcases his determination to stay at the forefront of technological advancements.



Equally commendable is the performance of Mrs. Gomathy G, Assistant Professor, who completed the

same course with an outstanding score of 81%, also earning the Elite with Silver certification. Her exceptional results demonstrate her deep knowledge and passion for integrating cutting-edge technologies into academic and research pursuits.

The Introduction to Internet of Things course offered by NPTEL is known for its rigorous curriculum and industry-relevant content. Completing this certification with distinction requires not only technical proficiency but also a commitment to excellence and innovation.

These achievements are a testament to the department's emphasis on continuous learning and professional growth. By pursuing advanced certifications, Mr. Arun V and Mrs. Gomathy G have set a remarkable example for both faculty and students, inspiring everyone to strive for academic excellence and embrace emerging technologies. Their success further strengthens our department's expertise in IoT, enhancing our capacity to deliver high-quality education and foster a culture of innovation.

Victory at Mini Hackathon: A Proud Achievement for Our Department

In a remarkable display of innovation and teamwork, Dhanussh and his team—Harini R, Dinesh, and Rajkumar—from our department secured the First Prize in the Mini Hackathon held as part of Artimus 2.0, the Technical Symposium organized by Kings Engineering College. Their exceptional performance earned them a cash prize of ₹5,000, bringing pride and recognition to our department.

The Mini Hackathon, a highlight of Artimus 2.0, challenged participants to solve real-world problems through innovative technological solutions under a tight timeframe. Competing against talented teams from various institutions, Dhanussh and his team showcased their technical expertise, creativity, and effective collaboration to emerge victorious.



Their success reflects not only their individual talents but also the department's commitment to fostering a culture of innovation, problem-solving, and teamwork. Participation in events like these enhances technical skills and provides valuable experience in applying theoretical knowledge to practical challenges.

The victory of Dhanussh and his team is an inspiration for their peers, proving that dedication, perseverance, and teamwork are key to excelling in

competitive environments. Their achievement also highlights the importance of interdisciplinary collaboration and innovative thinking in addressing complex problems.

This accomplishment reinforces our department's reputation for producing skilled, forward-thinking engineers capable of making significant contributions to the technological landscape. We congratulate Dhanussh, Harini R, Dinesh, and Rajkumar on their well-deserved success and look forward to seeing them achieve greater milestones in the future, inspiring more students to participate in such prestigious competitions and pursue excellence in their academic and professional endeavors.

Achievement in Innovation: Brain-Computer Interface Device Design Patent

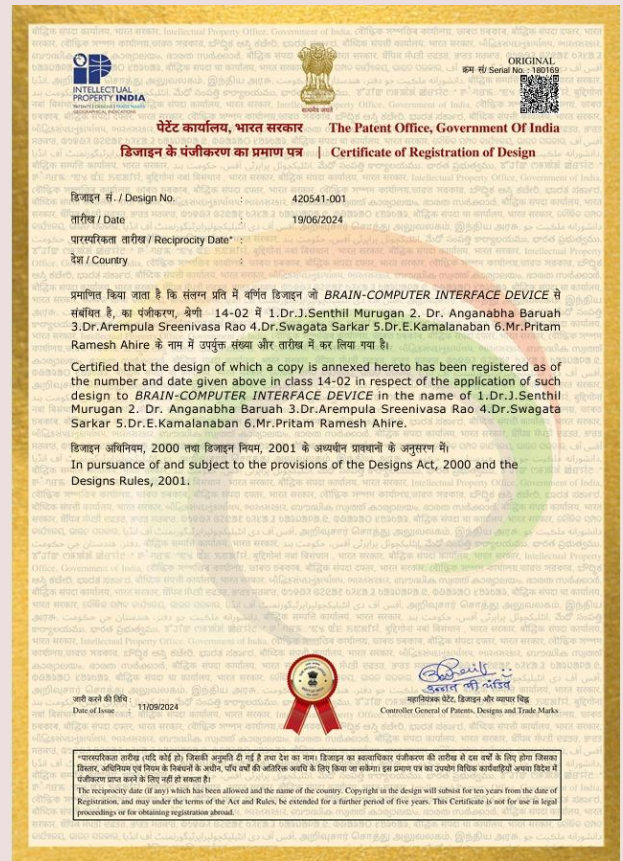
Our institution proudly celebrates a monumental achievement as a team of distinguished researchers has been granted a Certificate of Registration of Design for their groundbreaking work on a Brain-Computer Interface (BCI) Device. The patent, issued by the Government of India's Patent Office, recognizes the team's innovative efforts in developing this cutting-edge technology under Design No. 420541-001, dated 19th June 2024.

The BCI Device patent is a collaborative success involving a team of six accomplished researchers:

1. Dr. J. Senthil Murugan
2. Dr. Anganabha Baruah
3. Dr. Arempula Sreenivasa Rao
4. Dr. Swagata Sarkar
5. Dr. E. Kamalanaban
6. Mr. Pritam Ramesh Ahire

This innovation represents a significant leap in the field of neurotechnology, enabling direct communication between the human brain and external devices. By recognizing the design under Class 14-02, the patent underscores the importance of the device in advancing human-computer interaction and addressing complex challenges in healthcare, rehabilitation, and assistive technologies.

Dr. Swagata Sarkar, a key contributor, exemplifies the department's commitment to research excellence, further enhancing her already impressive portfolio of 37 Scopus-indexed publications, six H-Index, and 74 Scopus citations. Her leadership



in this project underscores the pivotal role that interdisciplinary research plays in developing impactful technological solutions.

This achievement not only brings pride to our institution but also inspires future innovators. It reflects our dedication to fostering cutting-edge research and promoting technological advancements that benefit society, positioning us at the forefront of global innovation.

We extend our heartfelt congratulations to the entire team for their remarkable contribution, which sets a new benchmark in interdisciplinary innovation and reinforces our commitment to driving meaningful progress in science and technology.

Rakuram SV Wins Bronze in Anna University Inter-Zonal Boxing Championship

Our institution is proud to celebrate the remarkable achievement of Rakuram SV, a student from AI & DS II-A, who secured the 3rd prize (bronze medal) in the prestigious Anna University Inter-Zonal Boxing Championship. The event was held at Bargur, bringing together the finest boxing talents from various zones under Anna University.

Rakuram's success in this highly competitive championship is a testament to his relentless dedication, hard work, and passion for the sport. Competing against some of the most skilled boxers from different colleges, he showcased exceptional skill, strategy, and determination throughout the tournament. His ability to stay focused and maintain composure in high-pressure situations played a crucial role in securing the bronze medal.



Boxing is a sport that requires not only physical strength but also mental resilience, agility, and quick decision-making. Rakuram demonstrated all these qualities, earning the admiration of both spectators and fellow competitors. His victory serves as an inspiration to his peers, motivating them to pursue excellence in both academics and extracurricular activities.

This achievement also highlights the importance our institution places on holistic development, encouraging students to excel not just in academics but also in sports and other co-curricular pursuits. Rakuram's success is a proud moment for our

department and institution, reinforcing our commitment to nurturing well-rounded individuals.

We extend our heartfelt congratulations to Rakuram SV for his outstanding accomplishment. His victory at the Anna University Inter-Zonal Boxing Championship is a milestone worth celebrating, and we look forward to seeing more of his successes in the future.

Participation in PALS Residential Student Workshop at IIT Madras

Pradeep S, a third-year AI & DS student, along with his college mates, attended the prestigious PALS Residential Student Workshop titled "Think, Create, Engineer," held at the Indian Institute of Technology (IIT) Madras from November 28 to 30, 2024. This workshop provided an extraordinary opportunity for students to enhance their technical knowledge, innovation skills, and engineering mindset in a collaborative environment.



The workshop brought together students from various institutions, fostering a rich exchange of ideas and perspectives. Over three days, participants engaged in hands-on sessions, brainstorming activities, and interactive lectures conducted by esteemed professors and industry experts. The focus was on nurturing creativity, problem-solving abilities, and practical engineering solutions that address real-world challenges.



thinking and innovation, equipping students with valuable insights into the engineering process from concept to execution.

Pradeep and his team enthusiastically participated in various activities designed to enhance their technical expertise and teamwork. They explored cutting-edge technologies, including Artificial Intelligence, Machine Learning, and IoT, while developing innovative solutions through collaborative efforts. The workshop also emphasized design

Beyond technical learning, the workshop fostered leadership, communication, and interpersonal skills, preparing students for future professional challenges. Pradeep and his peers returned with a renewed passion for engineering and a deeper understanding of their role in shaping future technologies.

Attending this workshop at IIT Madras was a transformative experience, motivating students like Pradeep to excel in their academic and professional pursuits. The exposure to such an enriching environment will undoubtedly contribute to their future success, both in their careers and as contributors to the technological advancement of society.

We commend Pradeep S and his college mates for their active participation and commitment to learning, embodying the spirit of innovation and excellence.

IEEE Volunteer Award for Educational Excellence

We are immensely proud to share the incredible achievement of Somasundaram R, a fourth-year student in the Artificial Intelligence and Data Science department, who has been awarded the prestigious IEEE Volunteer Award by the IEEE Education Society on November 4, 2024. This honor recognizes his outstanding contributions to advancing educational initiatives within the global IEEE community. Through his dedication, Somasundaram has significantly impacted the promotion of technology education, reflecting both his personal commitment and the values upheld by our department.



Somasundaram has consistently showcased exceptional leadership and volunteerism, playing an instrumental role in organizing and supporting programs that enhance learning experiences for students and professionals alike. His innovative ideas and active involvement in knowledge-sharing platforms have left a lasting impression on peers and mentors. By leveraging his expertise in artificial intelligence and data science, he has contributed to creating accessible and impactful educational opportunities, embodying the spirit of collaboration and progress championed by IEEE.

This prestigious recognition is a testament to Somasundaram's unwavering passion for community development and his dedication to empowering others through education. His journey as a student and volunteer has set a remarkable example for his peers, inspiring them to pursue excellence and make meaningful contributions to society. The department extends heartfelt congratulations to Somasundaram on this well-deserved honor, which highlights the exceptional standards and aspirations of our students. We are confident that he will continue to achieve new heights and make significant contributions in the future.

Workshop on Quantum Computing: A Joint Initiative

The Department of Artificial Intelligence and Data Science, in association with the Marine Technology Society, proudly organized a highly impactful one-day workshop on Quantum Computing on November 6, 2024. The event featured Mr. Karthiganesh Durai, a renowned Quantum Computing Architect and Trainer from the Indian Institute of Management, Bangalore, as the resource person. Designed to bridge the gap between foundational knowledge and real-world applications, the workshop aimed to equip participants with a comprehensive understanding of quantum computing and its revolutionary potential in tackling complex challenges.

The session was meticulously structured to combine theoretical principles with hands-on demonstrations, offering participants an immersive learning experience. Key topics such as quantum bits (qubits), quantum gates, and quantum algorithms were expertly explained, providing attendees with a strong conceptual framework. Mr. Durai's engaging teaching methods and deep expertise captivated the audience, sparking curiosity and inspiring many to delve deeper into this transformative field.

The workshop received an overwhelming response from students and faculty members, whose enthusiasm and active participation contributed significantly to its success. The department extends its sincere gratitude to Mr. Durai for his invaluable contribution and acknowledges the collaborative efforts of the Marine Technology Society in making this event a grand accomplishment. Such initiatives reaffirm the department's commitment to fostering knowledge-sharing and staying at the forefront of emerging technologies.

The poster for the Quantum Computing workshop features a dark blue background with a glowing, geometric pattern of light blue and yellow squares. At the top, logos for Sairam Institutions, IEEE Sairam (SEC202411DAI20), the Department of Artificial Intelligence & Data Science, and MTS (marine technology society) are displayed. The Sairam Engineering College logo is in the top right corner. The main text reads: 'Cordially Invite you for WORKSHOP ON QUANTUM COMPUTING'. Below this, the date and time are listed: '06.11.2024, Wednesday 9.00 AM to 12.30 PM | Alpha Hall'. The resource person is identified as 'Mr. KARTHIGANESH DURAI', Quantum Computing Architect and Trainer at the Indian Institute Of Management Bangalore. A circular portrait of Mr. Durai is shown to the right. At the bottom, the names and titles of the event coordinators and organizers are listed: Mrs. M. Annal Priyanga (Event Coordinator), Dr. Swagata Sarkar (HOD/AI&DS), Dr. J. Raja (Principal), and Dr. Sai Prakash LeoMuthu (Chairman & CEO, Sairam Institutions). A gold medal icon is also present. The bottom of the poster features several accreditation logos including RAISE, EOMS, SDG-NETWORK, ARITA, nif, and GOALS.

Triumph at CODE THANDHIRAM: AI and Data Science Students Shine

We are proud to announce that our Artificial Intelligence and Data Science department students, Ms. Thrisala K and Mr. Navin B, secured first place in the CODE THANDHIRAM event. This competition was part of the national-level symposium FESTX'24, organized by the Department of Computer Science and Business System on November 5, 2024. Their exceptional performance in coding and problem-solving showcased their technical expertise and innovative thinking, earning them well-deserved recognition.

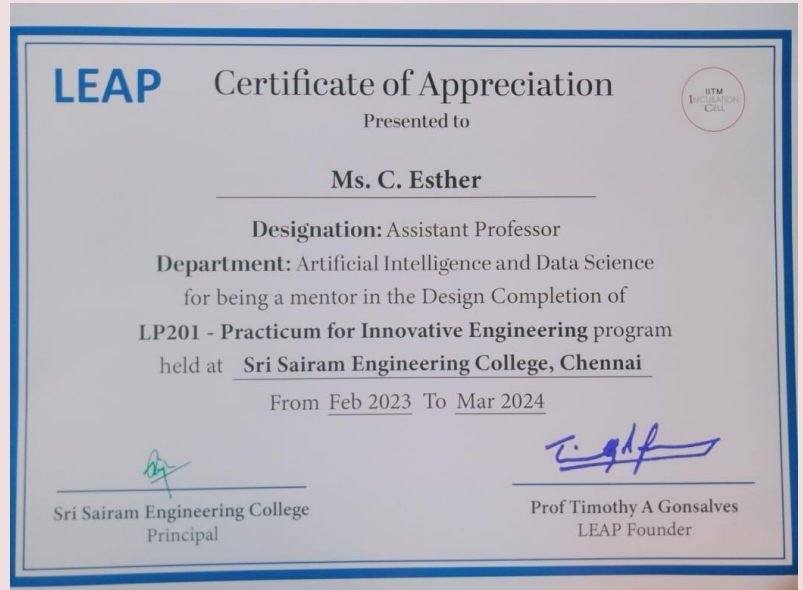


The event saw participation from top students across the nation, making the competition intense and challenging. Thrisala and Navin's ability to tackle complex problems with creative and efficient solutions stood out among their peers. Their achievement highlights the skill and dedication of our department's students, further solidifying our reputation for excellence in technology education. Congratulations to the winners for this outstanding accomplishment!



Certificate of Appreciation for Mentorship in Innovation Engineering

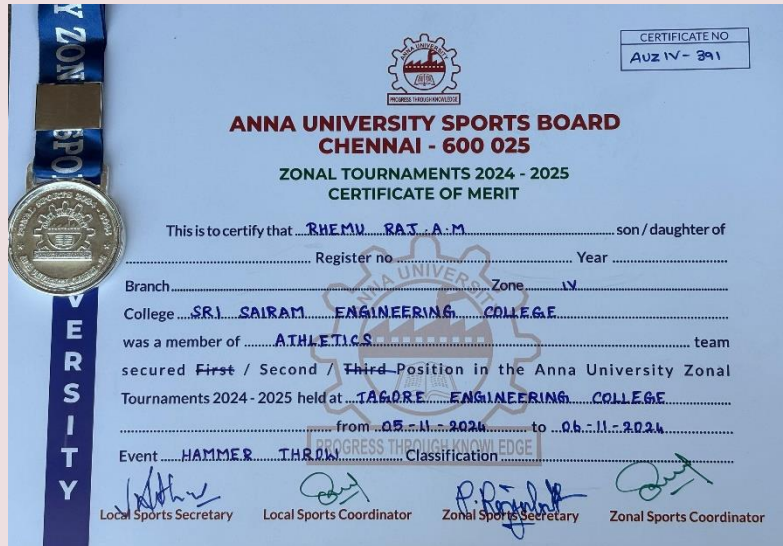
We are proud to announce that Ms. C. Esther, Assistant Professor in the Department of Artificial Intelligence and Data Science at Sri Sairam Engineering College, has been honored with the prestigious IITM Incubation Cell LEAP Certificate of Appreciation. This recognition was awarded for her exemplary mentorship in the LP201 - Practicum for Innovation Engineering Program, conducted at Sri Sairam Engineering College, Chennai, from February 2023 to March 2024.



Ms. Esther played a pivotal role in guiding and inspiring students during the design competition phase of the program, fostering creativity and innovation among participants. Her dedication to nurturing young minds and her commitment to advancing innovation in education have set a benchmark for academic excellence. The department congratulates her on this well-deserved honor and looks forward to her continued contributions to shaping future innovators.

Achievement in Athletics: A Proud Moment

We are delighted to announce that Mr. Rhemu Raj A M, a third-year student from the Department of Artificial Intelligence and Data Science, has demonstrated outstanding athletic prowess as a member of the college Athletics Team in the Anna University Zonal Tournaments 2024-2025. The event, hosted by Tagore Engineering College on November 5 and 6, 2024, brought



together top athletes from various institutions, showcasing fierce competition and exceptional talent. Amidst this high-caliber contest, Rhemu Raj secured an impressive second place in the Hammer Throw event, earning well-deserved recognition and bringing glory to both the department and the college.

Rhemu Raj's remarkable achievement is a reflection of his unwavering dedication, relentless hard work, and determination to succeed in all aspects of his life. Balancing the rigorous demands of academics with his passion for athletics, he has proven to be an inspiring role model for his peers. His journey exemplifies the importance of discipline and perseverance in pursuing excellence both on and off the field.

The department takes immense pride in congratulating Rhemu Raj on this commendable accomplishment and extends its best wishes for his future pursuits. We are confident that he will continue to excel in academics and athletics, contributing to the legacy of excellence upheld by our institution.

Inauguration of Sairam SDG Ideathon 5.0

The much-anticipated Sairam SDG Ideathon 5.0 was inaugurated on November 6, 2024, marking the commencement of an innovative idea-forecasting event exclusively for first-year students. The event aims to empower young minds by encouraging them to develop creative solutions aligned with the United Nations Sustainable Development Goals (SDGs). This initiative fosters a culture of innovation and sustainability, providing students with a platform to brainstorm and present impactful ideas for addressing global challenges.



The inauguration witnessed an enthusiastic turnout, with the organizing committee emphasizing the importance of sustainability-driven ideation in shaping a better future. Through workshops, mentorship sessions, and team collaborations, participants will refine their concepts and bring their visions to life. The event promises to nurture the next generation of innovators, aligning with the institution's commitment to fostering creativity and sustainable development among its students.

Sri Sairam Engineering College HOD, Dr. Swagata Sarkar, Receives Prestigious Best Faculty Advisor Award 2024

The Institution of Engineers (India) [IE(I)], established in 1920 and incorporated by Royal Charter in 1935, has bestowed the Best Faculty Advisor Award 2024 upon Dr. Swagata Sarkar, Head of the Department of Artificial Intelligence and Data Science at Sri Sairam Engineering College. This award, presented by the Hosur Local Centre of IE(I), recognizes Dr. Sarkar's exceptional contributions to student development and her active role in promoting IE(I) initiatives.

Dr. Sarkar's exemplary leadership has been a cornerstone in driving academic and professional growth among students. With a strategic focus on innovation and hands-on learning, she has introduced initiatives that bridge the gap between theoretical knowledge and practical applications. Under her guidance, the department has excelled in fostering a culture of excellence, where students actively engage in technical workshops, research projects, and industry collaborations.

Her mentorship has enabled students to achieve remarkable success in national and international competitions, enhancing the college's reputation. Dr. Sarkar's efforts to align academic programs with the latest



advancements in Artificial Intelligence and Data Science have prepared students to meet the demands of the rapidly evolving tech industry.

The Institution of Engineers (India) commended Dr. Sarkar for her dedication to promoting professional ethics and knowledge among students. Her ability to integrate the activities of IE(I) with the academic curriculum has significantly benefited students, enabling them to gain real-world insights and technical expertise.

Dr. Sarkar's recognition as the Best Faculty Advisor is a testament to her relentless pursuit of excellence and commitment to empowering students. Her leadership has not only elevated the Department of Artificial Intelligence and Data Science but also contributed to the broader objectives of Sri Sairam Engineering College.

The college management, faculty, and students congratulated Dr. Sarkar on this milestone achievement, which reflects her significant role in shaping the next generation of engineering professionals. Her contributions continue to inspire and set a benchmark for academic and professional excellence.

Sri Sairam Engineering College AI&DS Students Excel in Placements: A Proud Moment for the 2025 Batch

The Department of Artificial Intelligence and Data Science (AI&DS) at Sri Sairam Engineering College is proud to announce the remarkable achievements of its final-year students in the 2025 placement drive. With unwavering support from the faculty and the visionary leadership of Dr. Swagata Sarkar, Head of the Department, the department has witnessed unprecedented success, with over 53 students securing placements in renowned companies, marking a significant milestone in the college's placement history.



This year's placement highlights the department's commitment to fostering academic excellence and industry-readiness. Our students have secured positions in leading organizations such as Tech Mahindra, Cognizant, Infosys, and Tata Consultancy Services (TCS), showcasing the breadth of talent nurtured within the department. The impressive salary packages offered to



the students range from ₹3.6 LPA to ₹9 LPA, reflecting the high demand for skilled professionals in the field of Artificial Intelligence and Data Science.

Among the notable placements, Sarveshwaran K has been recruited by Tech Mahindra with a package of ₹3.6 LPA, while Venkatraman has joined Cognizant with a package of ₹4 LPA. Abinеш G and Surendhar J have been

placed at Infosys with packages of ₹3.6 LPA. TCS Digital emerged as a significant recruiter, offering packages of ₹6.5 LPA to students including Aatish S, Aswin Raju, Bharath P, Kamaleshwar V, Livisha K, Pranavkumar S, Roshia Parveen MR, Sanjaie Shelton, Selvabharathi M, Sujitha J, Varundoss K, and Vino Sanjay V. The department takes immense pride in Sowmiya Priya V, who achieved the highest package of ₹9 LPA at TCS Prime, setting a benchmark for excellence.



DEPARTMENT OF
ARTIFICIAL INTELLIGENCE &
DATA SCIENCE

Sairam
TRAINING
ENTREPRENEURSHIP
PLACEMENTS

We are Proud
TO INFORM THAT
OUR STUDENTS HAS PLACED IN

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DIGITAL

WITH PACKAGE OF ₹ 6.5 LPA

AATISH S ASWIN RAJU BHARATH P KAMALESHWAR V
LIVISHA K PRANAVKUMAR S ROSHYA PARVEEN M R SANJAJE SHELTON
SELVABHARATHI M SUJITHA J VARUNDOSS K VINO SANJAY V

This stellar achievement underscores the department's emphasis on equipping students with a blend of theoretical knowledge and practical skills. Through rigorous training programs, industry collaborations, and exposure to real-world challenges, the department ensures its students are well-prepared to meet the demands of the dynamic tech landscape. The placement drive was a culmination of the collective efforts of the dedicated faculty, the Training and Placement (TAP) Cell led by Dr. L. Arunachalam, and the college management under the guidance of Principal Dr. J. Raja.

Dr. Swagata Sarkar expressed her pride in the students' accomplishments, attributing their success to their relentless hard work, passion, and the comprehensive support provided by the faculty and placement team. She remarked, "Our students have proven their mettle by securing placements in top-tier organizations, demonstrating their readiness to excel in the competitive world of Artificial Intelligence and Data Science. This achievement is a testament to the department's vision of producing

industry-ready professionals who can contribute meaningfully to the tech ecosystem.”

The success of this placement season is not just a reflection of the students’ dedication but also of the department’s robust academic and extracurricular ecosystem. The AI&DS department regularly organizes workshops, hackathons, and seminars to provide students with hands-on experience and exposure to the latest advancements in technology. The department also collaborates with leading companies and industry experts to bridge the gap

between academia and industry, enabling students to gain insights into real-world applications of Artificial Intelligence and Data Science.

The management, faculty, and peers at Sri Sairam Engineering College have wholeheartedly celebrated the students’ success, which not only elevates the department’s standing but also enhances the college’s reputation as a hub of academic and professional excellence. The achievements of the 2025 batch serve as an inspiration to future batches, reinforcing the college’s commitment to nurturing talent and innovation.

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We are Proud

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WITH PACKAGE OF **4.5 LPA**

ASWIN RAJU **BHARATH P** **MONIKA R**

PRASANTH S **PRIYADHARSHINI P** **SOWMIYA PRIYA V**

Dr. Swagata Sarkar
HOD - AI&DS

Dr. L. Anunachalam
Dean Top Cell

Dr. J. Raja
Principal

Dr. Sai Prakash LeoMuthu
Chairman & CEO

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SAIRAM TRAINING ENTREPRENEURSHIP PLACEMENTS

Heartiest Congratulations

OUR PROUD ACHIEVERS

of their placement in

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VENKATARAMAN P

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With such exceptional results, the Department of Artificial Intelligence and Data Science continues to solidify its position as a leader in engineering education, producing graduates who are well-equipped to shape the future of technology.

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Sairam INSTITUTIONS

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Sairam TRAINING ENTREPRENEURSHIP PLACEMENTS

We are Proud

TO INFORM THAT
OUR STUDENTS HAS PLACED IN

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WITH PACKAGE OF **4 LPA**

Somasundaraman Dharshini S Nidharshana B Monika R

Livisha K Varshini N Bhuvaneshwari B R Kamaleshwar V

Aswin Raju Sowmiya Priya V

Dr. Swagata Sarkar
HOD - AI&DS

Dr. L. Arunachalam
Dean Tap Cell

Dr. J. Raja
Principal

Dr. Sai Prakash LeoMuthu
Chairman & CEO

Sri Sairam Engineering College Hockey Team Wins Gold at Zonal Championship

Sri Sairam Engineering College proudly celebrates the victory of its hockey team, which secured the gold medal in the Zonal Championship. The team, led by fourth-year student Sibi as captain, demonstrated exceptional teamwork, skill, and determination throughout the tournament.

Sibi's leadership on and off the field was instrumental in guiding the team to victory. His ability to inspire his teammates, make tactical decisions under pressure, and maintain a strong focus during the most challenging moments was key to their success. The team's cohesive effort, coupled with their strategic gameplay, helped them outshine formidable competitors and secure the coveted gold medal.

This victory highlights not only the talent and dedication of the hockey team but also the emphasis Sri Sairam Engineering College places on nurturing students' athletic and leadership abilities. The management, faculty, and students are all thrilled with the team's success, and Sibi's leadership serves as an example of how passion, hard work, and determination can lead to greatness.

The entire college community takes immense pride in this achievement, celebrating both the individual and collective efforts of the team. This gold medal victory further reinforces Sri Sairam Engineering College's commitment to fostering excellence in both academics and sports, empowering students to excel in all areas of life.



Mega Blood Donation Camp at Sri Sairam Engineering College: 63 AI&DS Students Actively Participate



Sri Sairam Engineering College recently hosted a Mega Blood Donation Camp on Thursday, 7th November 2024, under the initiative of the Department of Artificial Intelligence and Data Science (AI&DS). In a remarkable display of compassion and social responsibility, 63 AI&DS students actively participated in the camp, contributing to the noble cause of saving lives through blood donation.

The event, aimed at promoting the importance of blood donation, was organized with the support of local hospitals and health organizations, ensuring that the blood collected would be used to help those in need. The camp saw an overwhelming response from students, particularly from the AI&DS department, where the students demonstrated a strong sense of community service and commitment to making a difference.

The initiative was part of the college's ongoing efforts to encourage students to engage in social causes and give back to society. By donating blood, the students not only contributed to saving lives but also raised awareness about the critical need for regular blood donations.

Dr. Swagata Sarkar, Head of the Department of AI&DS, expressed her pride in the students' involvement, stating, "Our students have shown tremendous dedication and empathy in participating in this life-saving initiative. It is heartening to see them extend a helping hand to those in need, and I believe this will inspire others to contribute to such important causes."

The Mega Blood Donation Camp was a resounding success, reinforcing the importance of social responsibility, and showcasing the AI&DS department's commitment to fostering well-rounded individuals who are not only focused on academic excellence but also on giving back to the community.

R. Karthikeyan of AI&DS Department Shines at Athletics Zonals with Gold and Bronze Medals



Sri Sairam Engineering College congratulates R. Karthikeyan, a third-year student from the Department of Artificial Intelligence and Data Science, for his outstanding performance at the Athletics Zonals. Karthikeyan clinched the gold medal in the 4x100m relay and the bronze medal in the triple jump, showcasing his versatility and athletic talent.

His exceptional performance in the 4x100m relay was a testament to his teamwork, speed, and dedication, as he played a pivotal role in helping his team secure the top position. Additionally, Karthikeyan's individual achievement in the triple jump highlighted his athletic prowess and determination to excel in

multiple disciplines. The department and college management are incredibly proud of Karthikeyan's accomplishments, as his success serves as an inspiration to other students. His achievements in athletics complement his academic pursuits, reflecting the holistic development fostered at Sri Sairam Engineering College. This remarkable achievement underscores the importance of balancing academics with extracurricular activities, and Karthikeyan's success is a testament to the spirit of hard work, discipline, and perseverance that the institution strives to instill in all its students.

AI&DS Innovator Krithik Ragav V Shares Insights on Success and Innovation

Sri Sairam Engineering College, in collaboration with the Institution's Innovation Council, organized an inspiring motivational session titled "My Story" on 8th November 2024. The session, held from 9:00 AM to 10:00 AM in E Block (E5102), was aimed at inspiring students to embrace innovation, face challenges head-on, and pursue their dreams in the world of technology and entrepreneurship. The resource person for this event was Mr. Krithik Ragav V, a final-year student of the Artificial Intelligence and Data Science (AI&DS) department, who has emerged as a successful innovator.

Mr. Krithik Ragav V shared his personal journey, shedding light on his experiences as a student and his path to becoming a successful innovator. His story was a powerful reminder of the importance of perseverance, creativity, and passion in shaping one's career. Throughout the session, Mr. Krithik emphasized the significance of problem-solving, experimentation, and an open-minded approach toward learning, which are critical for success in the field of Artificial Intelligence and Data Science.

The session was designed to engage students and provide them with valuable insights into the world of innovation and entrepreneurship. Mr. Krithik shared some of his key projects and research that helped him develop a deeper understanding of AI and how innovation can make a real impact. His journey resonated with many students, highlighting how they could turn their ideas into reality by staying committed, taking risks, and learning from their failures.

The poster is for a motivational session titled "MY STORY" by Successful Innovators. It features a circular portrait of Mr. Krithik Ragav V, a final-year AI&DS student at Sri Sairam Engineering College. The event is scheduled for 08.11.2024 (Friday) from 09:00 am to 10:00 am in E Block - E5102. The poster includes logos for Sri Sairam Engineering College, Department of Artificial Intelligence & Data Science, and the Institution's Innovation Council. It also lists the resource person and the event's organizers: Mr. Vallarasu (Co-ordinator), Dr. Swagata Sarkar (HOD / AI&DS), Dr. J. Raja (Principal), and Dr. Sai Prakash LeoMuthu (Chairman & CEO - Sairam Institutions).

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INSTITUTION'S INNOVATION COUNCIL
Sri Sairam Engineering College
An Autonomous Institution
West Tambaram, Chennai - 44
www.sairam.edu.in

Cordially invite you for
MY STORY
MOTIVATIONAL SESSION
BY SUCCESSFUL INNOVATORS

08.11.2024 Friday @ 09:00 am to 10:00 am
Venue : Sri Sairam Engineering College, E Block - E5102

Resource Person
Mr. KRITHIK RAGAV V
FINAL YEAR AI-DS
Sri Sairam Engineering College.

Mr. Vallarasu Co-ordinator | Dr. Swagata Sarkar HOD / AI&DS | Dr. J. Raja Principal | Dr. Sai Prakash LeoMuthu Chairman & CEO - Sairam Institutions

The "My Story" motivational session was a huge success, with students leaving the event feeling empowered and motivated to pursue their own innovative projects and ideas. The event also reinforced the importance of the Institution's Innovation Council in encouraging students to think outside the box and contribute to technological advancements. It was a powerful reminder that with the right mindset, dedication, and support, students can make a lasting impact in the world of technology.

Sri Sairam Engineering College's Deepak Bags Top Spot in Cyber Sec Challenge 2024

Sri Sairam Engineering College congratulates Deepak, a second-year student from Section II-C, for winning the first prize in the Cyber Sec Challenge held on 4th and 5th November 2024. The competition, focused on testing students' skills in cybersecurity, brought together participants from various institutions, all vying to showcase their expertise in tackling real-world cyber threats.

Deepak's performance in the challenge was nothing short of outstanding. His ability to identify and mitigate complex cybersecurity issues earned him the top spot. The event not only tested participants' theoretical knowledge but also their practical problem-solving abilities, which Deepak displayed with exceptional skill.

The Cyber Sec Challenge is a prestigious event that emphasizes the growing importance of cybersecurity in today's digital world. With an increasing number of cyber threats, competitions like these offer students a platform to enhance their technical skills and gain hands-on experience. Deepak's victory is a testament to his hard work, knowledge, and passion for the field of cybersecurity.

The entire college community celebrates Deepak's success, and his achievement serves as an inspiration to other students, encouraging them to pursue excellence in the ever-evolving domain of technology. His win in the Cyber Sec Challenge further reinforces the institution's commitment to fostering talent and preparing students for the challenges of the digital age.



Celebrating Excellence Dr. Kalaiselvi Honored as the Top Patent Contributor

Our Artificial Intelligence and Data Science department takes immense pride in congratulating Dr. Kalaiselvi, who has been recognized as the Most Patent Contributor in the college. This prestigious award underscores her relentless dedication to innovation and her remarkable contributions to research and development.

Dr. Kalaiselvi's patents span diverse fields, highlighting her pioneering spirit in addressing real-world challenges through advanced AI and data-driven solutions. Her work not only exemplifies excellence but also inspires our department to push the boundaries of knowledge and creativity.

Beyond her research achievements, Dr. Kalaiselvi has been an outstanding mentor, guiding students to cultivate a passion for intellectual curiosity and innovation. Her contributions significantly enhance our department's reputation as a hub for cutting-edge research and transformative ideas.

As the AI and Data Science community, we celebrate this incredible milestone and express our heartfelt gratitude to Dr. Kalaiselvi for her leadership and visionary efforts. She stands as a beacon of inspiration, motivating us all to strive for excellence in our academic and professional endeavors.

Congratulations, Dr. Kalaiselvi, on this well-deserved recognition! Your achievement shines a spotlight on the limitless potential of our department.



Triumph at SRM Valliammai College: Jury Choice Award Secured by Our Team

We are thrilled to announce that our department team has won the Jury Choice Award at the Idea Presentation Event hosted by SRM Valliammai College, Chennai, on 17th November 2024. Competing in the online mode, our team showcased exceptional creativity and technical acumen, securing this prestigious recognition.

The event brought together some of the brightest minds to propose innovative solutions to contemporary challenges. Our team's presentation stood out for its originality, feasibility, and potential impact, earning accolades from the esteemed jury panel. Their idea, rooted in the principles of Artificial Intelligence and Data Science, exemplified the spirit of innovation that defines our department.

This achievement reflects not only the dedication and teamwork of our participants but also the strength of our department's guidance and academic support. It underscores the capabilities of our students to excel in competitive forums, bringing honor to our institution.

We congratulate the team on this remarkable success and extend our appreciation for their hard work and determination. Their victory inspires us to continue striving for excellence and to make significant contributions to the field of AI and Data Science.



Inspiring Minds: ATL Sarthi Visit to KV1 Kalpakkam

On 18th November 2024, our department's Head of the Department, Dr. Swagata Sarkar, led a visit to KV1 Kalpakkam as part of the ATL Sarthi initiative. This program aims to foster creativity, innovation, and hands-on learning among young minds through the Atal Tinkering Labs (ATL).



During the visit, Dr. Swagata Sarkar engaged with students and faculty, sharing his expertise in Artificial Intelligence and Data Science. He emphasized the importance of cultivating problem-solving skills and nurturing curiosity to address real-world challenges. The session provided the students with valuable insights into cutting-edge technologies, inspiring them to explore new possibilities in STEM fields.

This interaction not only showcased the department's commitment to knowledge sharing but also strengthened the collaboration between academic institutions in promoting innovation at the grassroots level. The enthusiasm and curiosity displayed by the students at KV1 Kalpakkam were a testament to the success of the initiative.

We extend our heartfelt appreciation to Dr. Swagata Sarkar for representing our department and inspiring the next generation of thinkers and innovators. Visits like these reflect our dedication to fostering a culture of innovation and academic excellence beyond the classroom.

Welcoming Kashmir Students on World Quality Day

On 14th November 2024, our campus proudly hosted a group of students from Kashmir as part of the My Bharat (NYKS) Scheme in celebration of World Quality Day. This special event aimed to bridge cultures and promote the importance of quality in education, innovation, and community development.



The visiting students were given an immersive experience of our institution's academic and research facilities, with a focus on the advancements in the Artificial Intelligence and Data Science Department. They explored cutting-edge laboratories, witnessed live demonstrations of AI applications, and interacted with faculty members and students.

The event also featured an engaging session on the significance of quality in technology and its transformative impact on society. Our department showcased projects emphasizing innovation, sustainability, and real-world problem-solving, leaving the visiting students inspired and motivated.

This initiative under the My Bharat Scheme fostered a sense of unity and mutual learning, as it allowed students from diverse regions to exchange ideas and perspectives. The day concluded with a warm interaction session, creating a lasting bond between the visiting students and our campus community.

We are honored to have hosted this enriching event and remain committed to fostering national integration and academic excellence.

Industry-Academia Collaboration Courses

We are thrilled to announce that 28 final-year students (Batch 2021-2025) from the AI&DS, CSE, ECE, EEE, and IT departments have successfully completed industry-academia collaboration courses offered by HCL Tech. As a result of their remarkable achievement, all 28 students have been offered 6-month internships with a stipend of ₹18,000 per month.

On 12th November 2024, the interns visited the HCL Tech campus in Sholinganallur for an interactive session with Subject Matter Experts (SMEs). This visit provided valuable insights into embedded product development processes and RTOS (Real-Time Operating System) development, offering a practical understanding of cutting-edge technologies and their applications in the industry.

This achievement highlights the effectiveness of industry-academia collaborations in bridging the gap between academic learning and industry requirements. It also underscores the commitment of our institution to equipping students with the skills and knowledge essential for thriving in the professional world.

We extend our heartfelt gratitude to the CEO, Principal, and the HODs of the respective departments for their guidance and support in enabling this incredible opportunity for our students. Congratulations to the interns for this milestone, and we wish them great success in their projects and future endeavors.



Alumni Achievement: Karanam Poornasiri Excels in N3 Certification



We are thrilled to share the remarkable achievement of our 2024 Batch alumnus, Karanam Poornasiri, who has successfully completed the N3 Japanese Language Proficiency Test (JLPT) with a perfect score. Securing a centum in this globally recognized and competitive certification is a testament to his exceptional dedication, hard work, and passion for learning.

The N3 certification, a significant milestone in Japanese language proficiency, evaluates the candidate's ability to understand and communicate effectively in intermediate-level Japanese. Achieving this with full marks is a rare and commendable accomplishment, highlighting Poornasiri's linguistic skills and commitment to excellence.



As a proud alumnus of our department, Poornasiri continues to serve as an inspiration to current students. His achievement showcases

not only his personal perseverance but also reflects the holistic foundation provided by our institution to support the all-around development of its students.

We extend our heartfelt congratulations to Karanam Poornasiri on this incredible milestone. His success is a moment of pride for our department, encouraging others to aim high and excel in their pursuits. We wish him continued success and hope his journey inspires more students to achieve excellence in diverse fields.

Recognition for Pradeep and Praveen at FestX Symposium

We are proud to announce that Pradeep and Praveen, students from the 3rd year of our department, have excelled at the FestX Symposium organized by CSBS. Their participation and outstanding performance at this prestigious event brought them well-deserved recognition and accolades.



The FestX Symposium is known for showcasing the skills and creativity of students across various disciplines. This year, Pradeep and Praveen demonstrated exceptional talent and innovation, earning prizes that reflect their dedication and hard work. Their success is a testament to their commitment to excellence and their ability to apply their knowledge and skills in practical, competitive environments.

This achievement not only highlights the capabilities of our students but also reinforces the strong emphasis our department places on fostering a culture of innovation and academic rigor. It is events like these that provide our students with the opportunity to showcase their abilities, learn from peers, and push the boundaries of their potential.

We extend our congratulations to Pradeep and Praveen for their remarkable performance and wish them continued success in their future endeavors. Their accomplishment is a moment of pride for the entire department, inspiring others to aim high and pursue their goals with determination.

Sairam Students Shine in Intel® Unnati Industrial Training - 2024

Students Kamalleshwar V, Prabakaran GS, and Swetha Balaji from the Sairam Group of Institutions have achieved a significant milestone by successfully completing the Intel® Unnati Industrial Training - 2024. The training, held from May 2024 to July 2024, focused on the cutting-edge domain of Vehicle Movement Analysis and Insight Generation in a College Campus using Edge AI.



Guided by Dr. Su. Suganthi, the students delved into advanced techniques in Artificial Intelligence (AI) and Edge Computing to analyze vehicle movements and generate actionable insights. Their work aimed to enhance campus traffic management



by identifying patterns, predicting congestion, and improving operational efficiency. The project not only showcased their technical expertise but also demonstrated the practical application of AI in solving real-world problems.

The Intel® Unnati program is known for providing hands-on industrial exposure and fostering innovation among students in

emerging technologies. By excelling in this rigorous program, the Sairam students have brought pride to their institution and showcased the talent and dedication nurtured at Sairam Group of Institutions.

This achievement reinforces the institution's commitment to producing industry-ready professionals who excel in the fields of AI and Data Science. The students' efforts also highlight the growing relevance of AI-driven solutions in addressing everyday challenges. Their success serves as an inspiration for their peers to explore the potential of advanced technologies and contribute to transformative innovations.



THANK YOU