



ARTIFICIAL INTELLIGENCE AND DATA SCIENCE NEWSLETTER

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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.

SAIRAM ENGINEERING COLLEGE Secures EPICS in IEEE Funding for 'Digital Enabled Waste Receptacle'

SRI SAIRAM ENGINEERING COLLEGE is celebrating a momentous achievement as its club members of UNNAT BHARAT ABHIYAN, in association with the Department of Artificial Intelligence and Data Science, secure the prestigious EPICS in IEEE funding for their innovative project proposal titled "Digital Enabled Waste Receptacle."

The project, spearheaded by the dedicated team APADRASTA, has been awarded a substantial funding amount of 4500 USD from the EPICS in IEEE initiative.

Notably, Madhumitha K, a diligent second-year student from the Department of Artificial Intelligence and Data Science, played a pivotal role in the project's success with her hard work and strategic contributions. Madhumitha's tireless efforts and strategic contributions played a pivotal role in shaping the project proposal and securing the coveted funding.

The Digital Enabled Waste Receptacle project is poised to revolutionise waste management systems by harnessing advanced technologies such as IoT and sensors, artificial intelligence. The project aims to address pressing challenges in waste disposal and environmental sustainability.

The achievement underscores team's commitment to fostering innovation and societal impact among its students. The success of the project reflects the institution's dedication to providing students with opportunities to engage in real-world problem-solving and interdisciplinary collaboration.

The recognition received through the EPICS in IEEE funding is a testament to the calibre of talent and

dedication present within the institution's academic community. The accolade not only validates the merit of the project but also highlights the potential for meaningful contributions to the fields of waste management and environmental conservation.

Congratulations are in order for Team APADRASTA and all those involved in bringing this visionary project to fruition. Their achievement exemplifies the spirit of innovation and excellence that defines SRI SAIRAM ENGINEERING COLLEGE's academic ethos. As they embark on the journey to realise the Digital Enabled Waste Receptacle, the team stands poised to make a significant and positive impact on society.

Congratulations to Mohana for Representing SRI SAI RAM ENGINEERING COLLEGE at BIS Foundation Day Celebrations

The Department of Artificial Intelligence and Data Science at SRI SAI RAM ENGINEERING COLLEGE extends heartfelt congratulations to Mohana G U for her exceptional participation in the BIS



Foundation Day Celebrations, 2024. Held in Chennai on January 5th, 2024, the event was organized by the Chennai Branch Office of the Bureau of Indian Standards (BIS).

Mohana, a distinguished member of our department, showcased her multifaceted talents by gracing the occasion with a mesmerizing Bharatanatyam performance. Her graceful dance captivated the audience and added a touch of elegance to the festivities.

Representing our esteemed institution at such a prestigious event reflects Mohana's dedication, talent, and commitment to excellence. Her participation not only highlights her individual achievements but also brings pride and recognition to the entire SRI SAI RAM ENGINEERING COLLEGE community.

The BIS Foundation Day Celebrations serve as a platform to honour and promote the significance of standardization in various sectors, contributing to the growth and development of our nation. Mohana's involvement in this event underscores our department's ethos of encouraging students to actively engage in extracurricular activities and showcase their talents beyond academics.



As we applaud Mohana for her remarkable achievement, we also extend our gratitude to the Chennai Branch Office of the Bureau of Indian Standards for providing such enriching opportunities for our students to shine on a broader stage.

Once again, congratulations to Mohana G U for her outstanding representation of SRI SAI RAM ENGINEERING COLLEGE at the BIS Foundation Day Celebrations. May her success inspire and motivate her peers to pursue excellence in all their endeavours.



Puducherry HR Summit 2024: CII Hosts Engaging Sessions on HR Practices

Puducherry witnessed a dynamic gathering of industry leaders and human resource professionals at the Puducherry HR Summit organized by the Confederation of Indian Industry (CII) on Wednesday, January 10, 2024. Held at Hotel Sunway Manor, the summit featured a series of insightful sessions aimed at addressing contemporary challenges and opportunities in the realm of human resources.



PHRS 2023
Puducherry HR Summit
10 January 2024, Wednesday | 0900 - 1630 hrs Hotel Sunway Manor, Puducherry

CONFEDERATION OF INDIAN INDUSTRY

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SESSIONS: Creating a positive workplace culture that fosters a profound sense of belongingness and pride | Data driven decision making, using AI tool | Resilience and Renewal: Adapting HR Practices to a changing work Environment | Crisis Preparedness and Planning: The role of leadership in guiding organizations during crisis situations | Skill Development in the changing face of Manufacturing | Enriching Organisational Culture through Inclusivity - The role of leadership to drive down a culture of acceptance and mutual respect.

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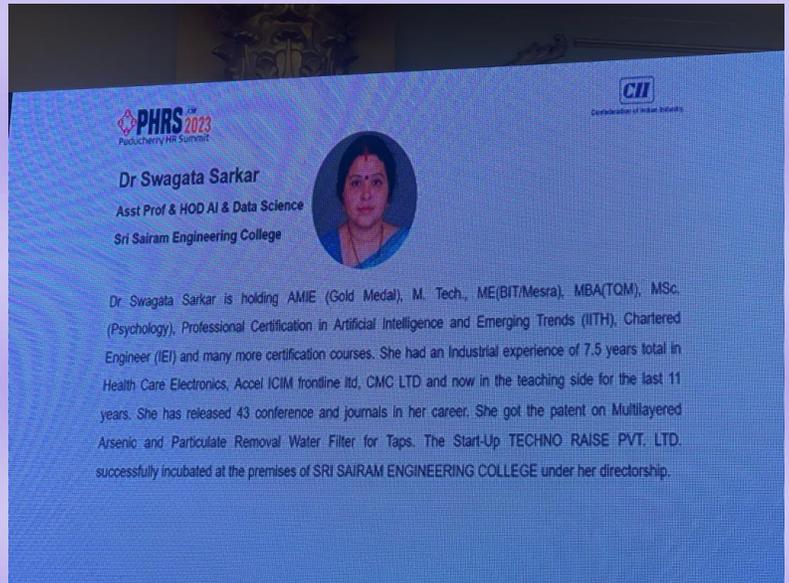
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The summit, spanning from 0900 to 1630 hours, delved into various pivotal themes under the overarching goal of enhancing workplace environments and HR practices. From fostering a positive workplace culture to harnessing data-driven decision-making tools, the sessions offered a comprehensive exploration of strategies for organizational growth and resilience.



and best practices aimed at nurturing inclusive and supportive work environments conducive to employee satisfaction and productivity.

One of the focal points of the summit was the discussion on "Creating a positive workplace culture that fosters a profound sense of belongingness and pride." Participants exchanged ideas

Another significant session centered on the utilization of AI-driven tools for data-driven decision-making processes. With the rapid advancement of technology, the integration of AI in HR practices has become increasingly crucial for organizations seeking to leverage data insights for strategic planning and resource allocation.



The summit also addressed the pressing need for resilience and renewal in adapting HR practices to the evolving work environment. Speakers highlighted the importance of crisis preparedness and the role of leadership in guiding organizations through challenging times.

Dr. Swagata Sarkar, Assistant Professor and Head of AI & Data Science at Sri Sairam Engineering College, emerged as a prominent speaker at the summit. Her expertise added significant value to the discussions, particularly in the realm of data-driven decision-making and the evolving role of technology in HR practices.

Furthermore, the summit shed light on the imperative of skill development in the face of evolving manufacturing practices, emphasizing the role of HR in facilitating continuous learning and upskilling initiatives.



Inclusivity and diversity were also key themes discussed, underscoring the role of leadership in fostering cultures of acceptance and mutual respect within organizations.

The Puducherry HR Summit 2024 served as a platform for collaboration, knowledge exchange, and networking among industry leaders and HR professionals. Through engaging discussions and insightful sessions, participants gained valuable insights and strategies to navigate the dynamic landscape of human resources in the ever-changing business environment.

With a focus on innovation, resilience, and inclusivity, the summit underscored CII's commitment to advancing HR practices and driving organizational excellence in the region and beyond.

Students from Department of AI and Data Science Explore Force of Rapid Transportation Innovation Ecosystem



In a bid to delve deeper into the realms of technological innovation and industrial transformation, students from the Department of Artificial Intelligence and Data Science embarked on a transformative visit to the Force of Rapid Transportation, a cutting-edge innovation ecosystem powered by SIPCOT (State Industries Promotion Corporation of Tamil Nadu Ltd). This innovative hub stands as a beacon of industrial evolution, seamlessly integrating manufacturing

excellence with technological prowess, entrepreneurial innovation, and the cultivation of future-ready talent.

Established under the auspices of the Industries Department of Tamil Nadu, in collaboration with Forge (Strategic Partner Incubator), the Force of Rapid Transportation embodies the state's commitment to fostering a conducive environment for digital-age industrialization.

The students, accompanied by faculty members, were greeted by a vibrant atmosphere pulsating with the energy of innovation upon their arrival at the Force of Rapid Transportation. The ecosystem's vibrant infrastructure and collaborative spirit immediately set the stage for an enriching learning experience.

During the visit, students were given firsthand insights into the dynamic fusion of technology and manufacturing prowess driving the evolution of the transportation industry. They witnessed state-of-the-art facilities, cutting-edge research laboratories, and collaborative spaces designed to nurture creativity and innovation.

The visit provided students with a rare opportunity to engage with industry experts, technologists, and entrepreneurs at the forefront of driving transformative change in the transportation sector. Through interactive sessions and immersive experiences, students gained valuable insights into the application of artificial intelligence, data science, and emerging technologies in shaping the future of transportation.

Moreover, the Force of Rapid Transportation served as a living testament to the power of collaboration and ecosystem-driven innovation in catalyzing industrial transformation. Students were encouraged to explore the synergies between academic knowledge and real-world applications, laying the groundwork for future collaborations and career opportunities in the burgeoning field of technology-driven transportation.

As the students bid farewell to the Force of Rapid Transportation, they carried with them a newfound appreciation for the intersection of technology and industry, along with a sense of inspiration to become catalysts for change in the digital age.

The visit not only broadened their horizons but also ignited a passion for innovation and excellence, reinforcing the Department of Artificial Intelligence and Data Science's commitment to nurturing future leaders in the rapidly evolving landscape of technology and industry.

HOD of AI and Data Science Recognized for Outstanding Performance at NPTEL Faculty Event



In a celebration of academic excellence and innovation, the Head of the Department (HOD) of Artificial Intelligence and Data Science from Sri Sairam Engineering College participated in the esteemed "Best Faculty Performance on NPTEL" event held at the prestigious IIT Madras. The event took place at the esteemed T.T. Jagannathan Auditorium, drawing luminaries and educators from across the country. Notably, Dr.K.Porkumaran, the Principal of Sri Sairam Engineering College, accompanied the HOD, marking a significant moment for the institution.

The event, which recognized exceptional contributions and teaching prowess in online education through the NPTEL (National Programme on Technology Enhanced Learning) platform, served as a testament to the commitment of educators to provide high-quality learning experiences to students nationwide.

The HOD of Artificial Intelligence and Data Science showcased exemplary performance and dedication in delivering courses through NPTEL, which is renowned for its comprehensive and accessible online courses covering a wide array of technical and academic disciplines.

The presence of Dr. K. Porkumaran, the Principal of Sri Sairam Engineering College, underscored the institution's commitment to fostering a culture of excellence and innovation in education. Dr. Porkumaran's attendance served



as a gesture of support and encouragement for the HOD and exemplified Sri Sairam Engineering College's dedication to promoting faculty development and recognition.

The event at IIT Madras provided a platform for educators to share best practices, exchange ideas, and explore opportunities for collaboration in online education. It also served as an opportunity to acknowledge the significant contributions of faculty members in enhancing the quality and accessibility of education through digital platforms.

The HOD's participation in the event not only highlighted individual achievements but also brought recognition to Sri Sairam Engineering College, further solidifying its reputation as a hub of academic excellence and innovation in the field of artificial intelligence and data science.

As the event concluded, participants left with a renewed sense of inspiration and commitment to advancing online education and leveraging digital platforms to enrich the learning experiences of students across the nation. The HOD's recognition serves as a testament to the dedication and expertise of Sri Sairam Engineering College's faculty in shaping the future of education.

Department Head Visits L&T Edutech for Educational Insights



On January 22, 2024, the Department Head of Artificial Intelligence and Data science led a delegation of faculty members on a visit to L&T Edutech, a renowned educational institution known for its pioneering contributions in the field of technology-driven learning. The visit, aimed at enhancing educational insights and fostering collaborations, provided an enriching experience for the faculty members.

During the visit, the delegation was warmly welcomed by representatives of L&T Edutech, who provided a comprehensive overview of the institution's innovative educational methodologies and technological infrastructure. The delegation had the opportunity to explore state-of-the-art classrooms, laboratories, and learning spaces equipped with cutting-edge technology.

Engaging discussions and interactive sessions facilitated meaningful exchanges of ideas and best practices in educational pedagogy and technology integration. The faculty members gained valuable insights into the latest trends and advancements in educational technology, which they could potentially incorporate into their own teaching practices.

Furthermore, the visit served as a platform for networking and collaboration between the Department and L&T Edutech. Opportunities for future partnerships, research collaborations, and student engagement initiatives were explored, laying the foundation for mutually beneficial relationships in the academic realm.

The Department Head expressed appreciation for the warm hospitality extended by L&T Edutech and emphasized the significance of such visits in enhancing professional development and fostering innovation in education. The visit provided a valuable opportunity for faculty members to gain firsthand exposure to innovative educational practices and technologies, ultimately enriching the teaching and learning experience for students.

As the delegation concluded their visit to L&T Edutech, they departed with a renewed sense of enthusiasm and inspiration to further enhance the educational landscape within their department. The visit underscored the Department's commitment to staying abreast of emerging trends and leveraging innovative approaches to deliver high-quality education in line with contemporary needs and demands.

AI-DS Department Congratulates Swetha Balaji on Achieving RHCSA Certification



In a momentous achievement, Swetha Balaji, a distinguished member of the Artificial Intelligence and Data Science (AI-DS) Department, has been certified as a Red Hat Certified System Administrator (RHCSA) by Red Hat, Inc. The certification, a testament to Swetha's dedication and expertise, signifies her mastery of essential skills required for the administration of Red Hat Enterprise Linux systems.

Red Hat, Inc., a global leader in open-source solutions, officially certified Swetha Balaji upon her successful completion of all program requirements. The certification recognizes Swetha's proficiency in system administration tasks, including user management, file systems, system security, and system monitoring.

In light of this remarkable accomplishment, the AI-DS Department extends its heartfelt congratulations to Swetha Balaji. Her achievement not only reflects her commitment to excellence but also serves as a source of inspiration for her peers and colleagues within the department.

Swetha's dedication to continuous learning and professional development exemplifies the ethos of the AI-DS Department, which strives to foster a culture of innovation, expertise, and academic excellence. Her RHCSA certification underscores the department's commitment to equipping students and faculty members with the necessary skills and knowledge to thrive in the ever-evolving landscape of technology and data science.

As a certified Red Hat System Administrator, Swetha Balaji's expertise will undoubtedly contribute to the department's academic endeavours and further enhance its reputation as a hub of innovation and excellence in the field of artificial intelligence and data science.

The AI-DS Department applauds Swetha for her outstanding accomplishment and wishes her continued success in her academic and professional endeavours. Her dedication and perseverance serve as a shining example for aspiring technologists and data scientists within the department and beyond.

With Swetha Balaji's achievement, the AI-DS Department reaffirms its commitment to nurturing talent, fostering academic excellence, and preparing students for success in the rapidly evolving world of technology and data science.



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