



# ARTIFICIAL INTELLIGENCE AND DATA SCIENCE NEWSLETTER

October 2024, Volume 3, Issue 10

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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.

## Networking and Knowledge: Pradeep's Inspiring Experience at IIT Pals!

In an impressive display of enthusiasm and dedication, Pradeep, a third-year student from our AI and Data Science (AI-DS) department, recently represented our institution at the prestigious IIT PALS event. The IIT PALS (Pan IIT Alumni Leadership Series) program is an annual event that gathers brilliant minds across academia, industry, and the research community to discuss and explore advancements in technology and science. The event, hosted by IIT alumni, provides a unique platform for students to gain insights into emerging technologies and network with leading professionals.



Pradeep's participation in the event is a significant achievement and a source of pride for the AI-DS department. His involvement highlights his commitment to staying at the forefront of artificial intelligence and data science. Throughout the event, Pradeep attended various technical workshops, keynote lectures, and panel discussions covering topics such as machine learning, big data analytics, and AI ethics. These sessions provided him with exposure to cutting-edge technologies and research trends, fostering a deeper understanding of the evolving AI landscape.

Pradeep's experience at IIT PALS has not only enriched his knowledge but also inspired his peers in the department. As a result, more students are now motivated to engage in similar events, further contributing to our department's culture of learning and innovation.

## AI-DS IIIrd Year Student Tharushi S Honored at IEEE WIE International Leadership Summit 2024

Tharushi S, a dedicated third-year student from the Artificial Intelligence and Data Science (AI-DS) department, has been recognized for her exceptional contributions at the IEEE Women in Engineering (WIE) International Leadership Summit 2024. Serving as the project lead of the IEEE Student Branch Computational Intelligence Society (CIS) at SEC, Tharushi played a key role as a member of the Content and Communication Committee, an integral part of the summit's operations. Her efforts were crucial in creating, curating, and managing content that shaped the summit's messaging and overall experience, making it accessible and engaging for attendees worldwide.



The IEEE WIE International Leadership Summit, a flagship event for women in engineering, provides a platform for female engineers, scientists, and leaders to share knowledge, network, and promote gender diversity in STEM fields. This year's summit saw a range of distinguished speakers, panel discussions, and workshops, covering topics such as leadership in technology, AI advancements, and strategies for achieving gender equity in the tech industry.

Tharushi's commitment to ensuring effective communication and cohesive event content showcased her leadership and teamwork skills. She coordinated with a diverse team of organizers, volunteers, and speakers, facilitating smooth interactions and ensuring that the summit's core messages of empowerment and inclusivity were amplified. Her work contributed significantly to the event's

success, impacting participants and reinforcing IEEE's vision of an inclusive engineering community.

Tharushi's recognition reflects her dedication to promoting diversity in technology and highlights her ability to lead and contribute meaningfully. Her achievements have inspired her classmates and elevated the AI-DS department's standing within IEEE circles, motivating others to pursue leadership roles and contribute actively to the IEEE community.

## Standards for a Better Future: BIS Marks World Standards Day with Manak Mahotsav 2024

On October 5, 2024, the Bureau of Indian Standards (BIS) Southern Regional Laboratory organized *Manak Mahotsav* at VRR Hall in honor of World Standards Day. This year's event was dedicated to exploring the theme "Standards for a Safer, More Efficient, and Sustainable Future," drawing attention to the role of standards in



improving quality and safety across various industries. Attendees included industry leaders, BIS officials, government representatives, students, and educators, all united by a shared commitment to quality standards.

The day's sessions covered a broad range of topics, including advancements in standardization, the latest BIS initiatives, and the impact of standards on consumer safety and environmental sustainability. Experts from the BIS highlighted how adherence to standards can drive economic growth, ensure consumer trust, and facilitate trade by aligning Indian products with international benchmarks. Through a series of insightful panel discussions and technical workshops, attendees gained a deeper understanding of how standards help industries innovate responsibly.

An exhibition of BIS-certified products provided a tangible demonstration of the benefits of standards in everyday items, from household goods to industrial equipment. This showcase underscored the importance of quality assurance and the role of BIS in maintaining high standards that consumers can rely on.

The *Manak Mahotsav* event also encouraged youth participation, with students from various institutions attending to learn about BIS's contributions to the nation. Interactive sessions with BIS officials allowed them to explore career

opportunities in quality assurance and standardization, inspiring the next generation to play an active role in building a culture of safety and quality.

With India's emphasis on initiatives like *Make in India* and *Digital India*, the discussions reinforced the need for consistent standards to foster innovation and sustainable development. Manak Mahotsav 2024 served as a powerful reminder of the pivotal role standards play in ensuring safety, quality, and progress across sectors, strengthening BIS's mission to support India's journey toward a brighter and more standardized future.

# IEEE Day 2024 Marks 15 Years of Technology Leadership and Ethical Innovation

The IEEE Day 2024 celebrations, marking the 15th anniversary of IEEE's establishment, will take place on October 7, 2024, in the Sigma Auditorium. This landmark event will bring together thought leaders, innovators, and members of the IEEE community to celebrate the organization's achievements and contributions to technological advancement worldwide.



The event will feature a distinguished lineup of speakers, starting with a Presidential Address by Dr. Sai Prakash Leo Muthu, Chairman & CEO, who will set the tone by reflecting on IEEE's mission, vision, and ongoing impact in shaping the future of technology. Dr. Muthu's address is expected to be an inspiring reminder of the essential role IEEE plays in fostering innovation and empowering technology professionals globally.

The celebration will continue with a keynote speech by the esteemed Chief Guest, Dr. Sudeendra Koushik, Chair of Rio IEEE Ethics & Enterprise Risk Management, President-Elect (2024) of IEEE Technology and Engineering Management Society (TEMS), and Chief Innovator at Innovation by Design. Known for his visionary work in technology and management, Dr. Koushik will share his insights on innovation, ethical leadership, and enterprise risk management in today's fast-evolving digital landscape. His address is expected to delve into the ethical challenges and opportunities in tech and engineering,

encouraging IEEE members to adopt ethical and sustainable practices in their work.

IEEE Day 2024 will not only celebrate the organization's legacy but will also serve as a platform for discussing current industry trends, emerging technologies, and IEEE's role in fostering a collaborative and innovative community. Attendees will have the chance to network, exchange ideas, and engage with leaders in technology and engineering.



We warmly invite all members of the IEEE community, students, and professionals to join us for this memorable occasion, as we look back on IEEE's remarkable journey and forward to its promising future.

## AI-DS Department Students Shine at Unnat Bharat Abhiyan E-Shram Camp, Supporting Rural Workers

Students from the AI and Data Science (AI-DS) department proudly participated in the recent E-Shram Camp organized by Unnat Bharat Abhiyan across five villages: Nandambakkam, Varadharajapuram, Somangalam, Naduveerapattu, and Poonthandalam. The camp, aimed at assisting local workers in the unorganized sector, provided a platform for these workers to register on the E-Shram portal, granting them access to valuable government benefits, including social security, health insurance, and financial aid.



Our AI-DS students, as part of the UBA team, played a crucial role in this initiative. They assisted around 450 individuals with the registration process, educating them about the E-Shram portal and helping them understand how to access the benefits available to them. The students' dedication and technical knowledge helped streamline the registration process, making it accessible and manageable for the villagers.

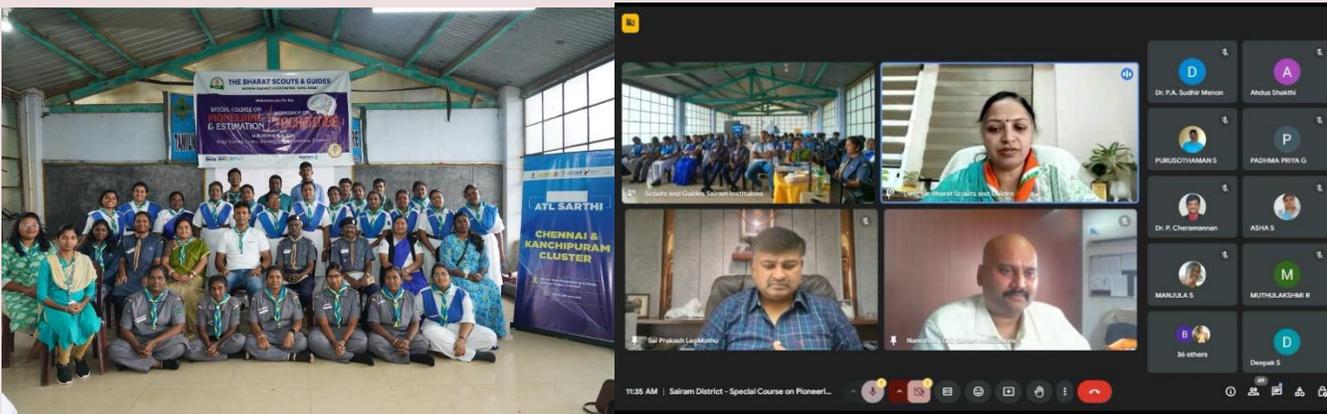
Through their involvement, the AI-DS students demonstrated a commitment to social responsibility, leveraging their skills to bridge the gap between technology and rural communities. Their participation not only contributed to the camp's success but also offered them a meaningful hands-on experience in community engagement, reinforcing the impact of technology in supporting societal welfare.

The E-Shram Camp under Unnat Bharat Abhiyan was a remarkable success, thanks to the tireless efforts of the AI-DS department students, whose participation highlighted the vital role of youth in nation-building and rural development.

# Building Skills for Tomorrow: Special Course Launched at Sri Sairam Engineering College

Sri Sairam Engineering College recently launched a special online course on Pioneering & Estimation, accompanied by a workshop titled "TechMinds," organized by The Bharat Scouts and Guides. This innovative initiative was inaugurated by Dr. Sai Prakash Leo Muthu, Chairman & CEO, showcasing the college's commitment to enhancing technical education and fostering essential skills among students.

The course and workshop aimed to equip participants with vital skills in pioneering techniques and project estimation, critical components for success in engineering and technology fields. Attendees engaged in hands-on activities and collaborative projects designed to stimulate creativity and problem-solving abilities, fostering a spirit of innovation and teamwork.



Our department's Head, Dr. Swagata Sarkar, actively participated in the workshop, contributing valuable insights and guidance to the participants. Her involvement not only underscored the significance of such initiatives in nurturing student talent but also highlighted the importance of leadership in technical education. Dr. Sarkar emphasized the necessity of practical knowledge and skill development in shaping competent engineers ready to tackle real-world challenges.

The TechMinds workshop served as an excellent platform for students to enhance their understanding of pioneering and estimation while promoting collaboration between educational institutions and organizations like The Bharat Scouts and Guides. This initiative reflects Sri Sairam Engineering College's dedication to providing quality education and empowering students to excel in their future careers.

## Dr. Kalaiselvi P Leads Our Department's Participation at Chennai's Manak Mahotsav 2024

On October 14, 2024, the Bureau of Indian Standards (BIS) Chennai Branch Office conducted the World Standards Day 2024 Programme, known as Manak Mahotsav, at Kalaivanar Arangam in Chennai. This significant event brought together industry leaders, academicians, and students to celebrate the vital role that standards play in promoting quality, safety, and innovation in various sectors.



Our department was proudly represented by BIS mentor Dr. Kalaiselvi P and several enthusiastic students, who actively participated in the event. The programme featured a series of engaging sessions, including expert talks, panel discussions, and interactive workshops, focusing on the theme of this year's celebration. Participants explored how standards enhance consumer trust, foster international trade, and contribute to sustainable development.

Dr. Kalaiselvi P provided invaluable insights into the importance of standardization in today's rapidly evolving technological landscape, inspiring students to recognize the impact of their work in the field. The students engaged actively, exchanging ideas and networking with professionals, which enhanced their understanding of the practical implications of standards in real-world applications.

Manak Mahotsav 2024 served as a remarkable platform for learning and collaboration, reinforcing the importance of quality and standards in driving progress across industries. The event highlighted our department's commitment to promoting excellence and empowering students to contribute meaningfully to the world of standards and beyond.

## Get Ready to Code: 4-Day Red Hat Linux Webinar Set to Transform Student Skills

Sri Sairam Engineering College recently hosted an engaging 4-day webinar series on the "Fundamentals of Red Hat Linux," which took place on October 18, 19, 24, and 25, 2024. The sessions, held from 7:00 PM to 7:45 PM, were led by Ms. Swetha Balaji, a final-year student from the Department of AI & Data Science. This initiative aimed to equip students with critical skills in one of the most widely adopted operating systems in the tech industry. Ms. Swetha Balaji is an exemplary student known for her passion for technology and her dedication to continuous learning. As a member of the AI & Data Science department, she excelled in various academic and extracurricular activities, showcasing her leadership and technical skills. Swetha actively participated in numerous workshops and projects that emphasized the practical applications of technology, making her a valuable asset to her peers and the department.

The poster is for a 4-day webinar titled "Fundamentals of Red Hat Linux". It is hosted by Sri Sairam Engineering College, Department of Artificial Intelligence & Data Science. The resource person is Ms. Swetha Balaji, a final-year student. The dates are 18.10.2024, 19.10.2024, 24.10.2024, and 25.10.2024, from 7:00 PM to 7:45 PM. The poster features logos for Sairam, IEEE, MTS, and Red Hat. It also lists the event coordinator, HOD, Principal, and Chairman & CEO. Various accreditation logos like RAISE, FOMS, and NIF are also present.

Her deep understanding of Linux systems, combined with her enthusiasm for teaching, positioned her perfectly to lead this webinar. Swetha previously conducted workshops on programming and data analysis, earning accolades for her ability to simplify complex concepts for her audience. Her approach to teaching emphasized hands-on learning, encouraging students to engage actively and apply their knowledge practically.

The webinar series covered essential topics, including an introduction to Linux, installation and configuration of Red Hat Linux, basic commands, file management, and advanced features of system administration. Each session successfully built a solid foundation in Red Hat Linux, equipping participants with valuable skills that are highly sought after in today's job market.

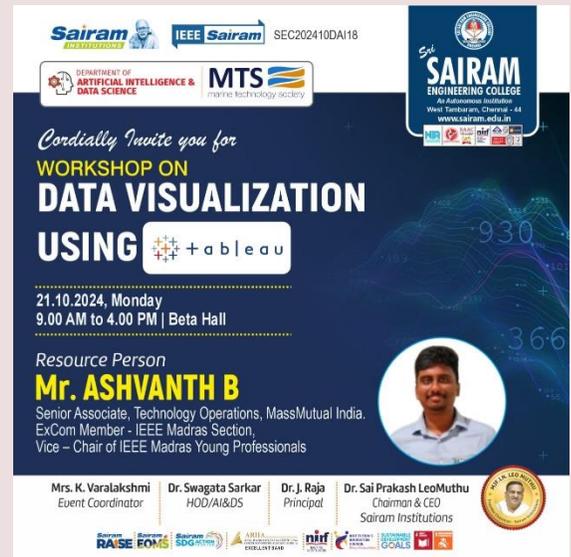
Through her initiative in leading this webinar, Swetha significantly contributed to the learning experience of her peers and embodied the spirit of collaboration and knowledge-sharing that the Department of AI & Data Science strives to promote. Her commitment to empowering fellow students aligns with the department's mission to cultivate a strong community of future leaders in technology. The successful completion of this webinar series provided students with a valuable opportunity to learn from one of their own and deepen their understanding of Linux systems, a skill set increasingly important in various fields, including data science, software development, and systems administration.

# Unlocking Insights: Workshop on Data Visualization Set for Oct 21, 2024

Sri Sairam Engineering College is excited to announce a comprehensive workshop on Data Visualization scheduled for October 21, 2024, from 9:00 AM to 4:00 PM in Beta Hall. This workshop aims to equip participants with the skills necessary to present and interpret data effectively, an essential competency in today's data-driven world.

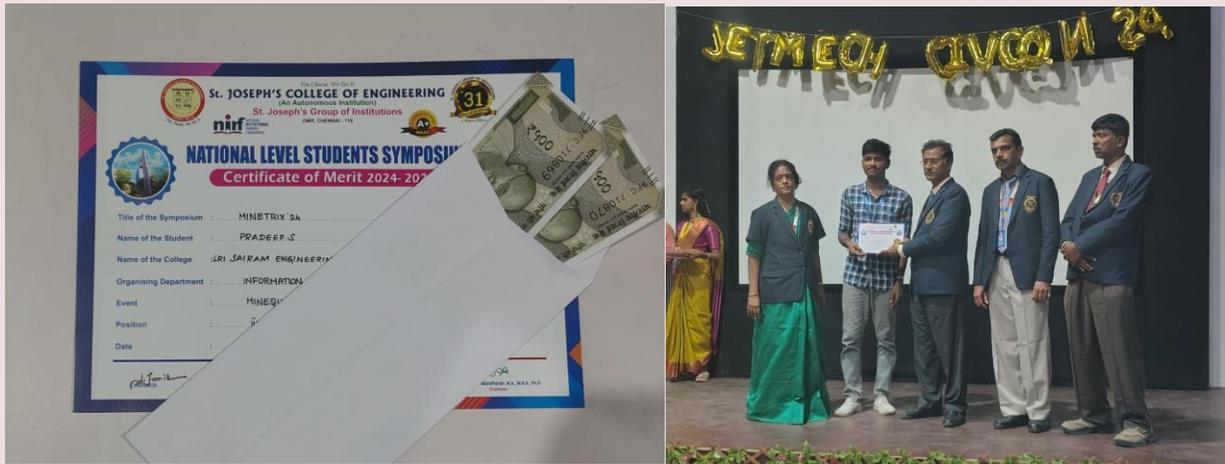
The workshop will be led by Mr. Ashvanth B, a Senior Associate in Technology Operations at MassMutual India. With his extensive experience in the field, Mr. Ashvanth is well-positioned to provide valuable insights into data visualization techniques and tools. As an ExCom Member of the IEEE Madras Section and Vice-Chair of IEEE Madras Young Professionals, he brings a wealth of knowledge about current industry practices and trends.

Participants can look forward to an engaging day filled with learning and hands-on activities. The workshop will cover the fundamentals of data visualization, exploring various tools for creating impactful visualizations. Attendees will have the opportunity to work with real datasets, allowing them to create meaningful visual representations and learn best practices for designing effective charts, graphs, and dashboards. This workshop is perfect for students, educators, and professionals eager to enhance their data visualization skills. Don't miss the chance to learn from an industry expert and unlock the potential of data to drive insights and decisions!



# From Classroom to Coding Competition: Pradeep's Success at Minetrix'24

Congratulations to Pradeep, a third-year student from the Department of AI & Data Science, for his remarkable achievement at the Minetrix'24 symposium held by the IT Department of St. Joseph College. Pradeep showcased his coding prowess and innovative thinking, earning the third prize in the competitive coding event.



Minetrix'24 gathered talented students from various institutions, providing a platform to demonstrate technical skills and creativity in coding. Pradeep's performance was exceptional, highlighting his ability to solve complex problems efficiently and effectively. His achievement reflects not only his dedication to his studies but also the strong foundation provided by the Department of AI & DS.

Pradeep's success serves as an inspiration to his peers, emphasizing the importance of participating in extracurricular activities to enhance practical skills and gain exposure to real-world challenges. The Department of AI & DS is proud of his accomplishments and encourages all students to engage in similar events to further their learning and development.

This victory at Minetrix'24 is a testament to Pradeep's hard work and determination, and it underscores the vibrant culture of innovation and excellence fostered within the Department of AI & Data Science at Sri Sairam Engineering College.

## Achievement in Dev Fusion: 3rd Department AI & Data Science Team Wins First Prize

Ms. Sandhya, Ms. Yamini, Ms. Sanci, and Ms. Susmitha, representing the 3rd year of Department of Artificial Intelligence and Data Science, achieved a significant milestone by securing the first prize in the Dev Fusion event. This prestigious competition, held at SRM Institute of Science and Technology, showcased a diverse range of innovative projects from talented students across the institution. The event challenged participants to present cutting-edge solutions in technology, and the team from AI and Data Science stood out for their outstanding creativity and technical expertise.

Their project, which demonstrated advanced problem-solving and practical application of AI and data science principles, received high praise from judges and participants alike. The win not only reflects their hard work and dedication but also highlights the strength of the AI and Data Science program in fostering innovation and technical proficiency. Their success serves as an inspiration to peers and underscores the potential of AI-driven solutions to address real-world challenges effectively.



## Department Student Ms. Swetha Balaji Secures First Place in Women's Chess Zone 4 Tournament

Ms. Swetha Balaji, a fourth-year student from our department, has brought honor to our institution by securing first place in the Women's Chess Zone 4 tournament, held at New Prince Shri Bhavani College of Engineering and Technology. Competing as part of an interdisciplinary team with students from other departments, Ms. Swetha demonstrated remarkable strategic skills and determination throughout the tournament. This prestigious event was conducted under the umbrella of Anna University tournaments, providing a platform for students across affiliated colleges to showcase their talent.

Her success is a testament to her dedication and the collaborative spirit she brought to her team. Her achievement not only highlights individual excellence but also the strength of teamwork among students from diverse academic backgrounds. The victory has been celebrated across our college, inspiring peers and juniors to pursue excellence in both academics and extracurricular pursuits.



## Ms. Nivetha E Reaches Finals in GEN AI Exchange Hackathon, Now Pursuing MSc in AI at University of Manchester

Ms. Nivetha E, a recent 2024 graduate from our department of Artificial Intelligence and Data Science, has made an impressive mark by reaching the finals in the prestigious GEN AI Exchange Hackathon. Competing against 38,000 teams from around the globe, her achievement underscores her technical prowess and creativity in the field of artificial intelligence. The hackathon, a highly competitive event, attracted top talent from diverse backgrounds, and Ms. Nivetha's progress to the finals highlights her innovative approach and dedication to AI.

Following this remarkable accomplishment, Ms. Nivetha has begun pursuing her MSc in Artificial Intelligence at the renowned University of Manchester. Her success in the hackathon and her current academic pursuits reflect her commitment to advancing in AI and data science. She stands as an inspiration to her juniors and peers, showcasing the potential of our department's graduates to compete at an international level and pursue advanced studies at esteemed institutions.



## Department Students Secure Third and Fourth Places in Nano Tech Event on Novel Nano Materials

Our department's third-year students, Mr. Elangovan, Mr. Hemanathan R., and their team, achieved remarkable success in the Nano Tech event, "Novel Nano Materials for Engineering Applications," held on October 23, 2024, at VRR Hall, Sri Sairam Engineering College. Competing in the paper presentation category, they showcased innovative research and practical insights on emerging nanomaterials and their applications in engineering. Their dedication and preparation shone through, earning them third and fourth place, a prestigious accomplishment in a highly competitive field.

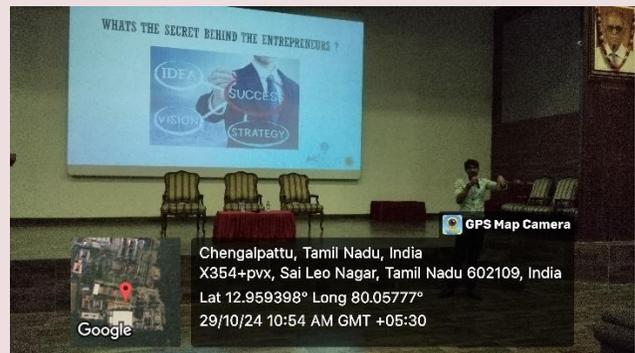
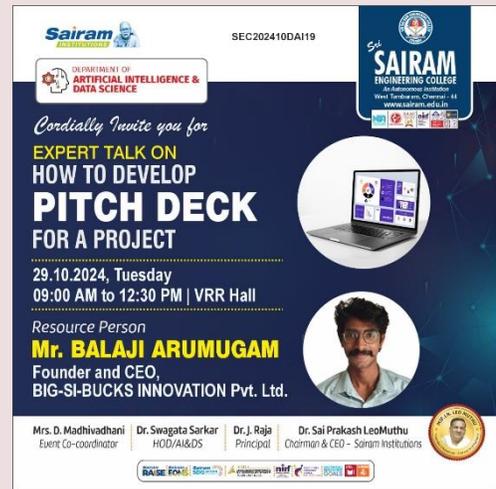


This achievement reflects their commitment to exploring advanced technology and its potential for real-world engineering solutions. By presenting their research among peers and experts, they not only represented our department with distinction but also gained valuable experience in scientific communication and interdisciplinary collaboration. Their success in this event stands as an inspiration for fellow students interested in the rapidly advancing field of nanotechnology.

# Expert Talk on Developing Project Pitch Decks Held by Department of AI and Data Science

The Department of Artificial Intelligence Data Science organized an insightful expert on October 29, 2024, at VRR Hall, Sri Sairam Engineering College, with Mr. Balaji Arumugam, Founder and CEO of BIG-SI-BUCKS INNOVATION Pvt. Ltd., as the guest speaker. The session focused on the key elements of creating a compelling project pitch deck, covering the essentials of presenting ideas effectively to potential investors or stakeholders. Mr. Balaji shared his expertise on structuring pitches, highlighting the importance of clarity, innovation, and audience engagement in conveying project concepts.

and talk



Attendees, including students and faculty, gained valuable knowledge on the art of persuasive presentations and practical tips on designing impactful slides. The talk was interactive, with Mr. Arumugam addressing queries and providing real-world examples of successful pitches. The event aimed to equip students with essential entrepreneurial skills, fostering a deeper understanding of how to communicate their ideas confidently and effectively. This knowledge will empower students to showcase their projects more effectively in competitive, industry-oriented environments.

# Elevating Education: IEEE Summit 2024 Celebrates the Power of Leadership and Learning

The IEEE Education Leadership Summit 2024 held in Hyderabad on October 22, 2024, marked a significant milestone for the Sairam IEEE Student Branch, as the team emerged victorious, securing 1st prize for the IEEE Student Branch. This prestigious recognition highlights the exceptional contributions of the SEC IEEE Education Society in fostering innovation, leadership, and educational development within the community.



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The award is a testament to the dedication, hard work, and collaborative efforts of the Office Bearers: Somasundaraman R (IV Year AI & DS), Dharshini S (IV Year AI & DS), K. M. Vasudev (III Year IT) and Edwin Richard (III Year IT). Their leadership and vision played a pivotal role in orchestrating impactful events and initiatives that set the SEC IEEE Education Society apart. Through various activities, workshops, and technical seminars, the team has significantly contributed to promoting IEEE's mission of advancing technology for humanity and empowering the next generation of engineers.

A special mention goes to Sai Sunil Kumar R.K. (IV Year CSBS), whose guidance and mentorship were invaluable to the team's success. His support helped to refine their ideas and strategies, ensuring that the student branch's initiatives aligned with IEEE's core values.

This award not only reflects the hard work and synergy of the team but also serves as an inspiration for future student leaders. It exemplifies the potential of student chapters to make meaningful contributions to both local and global technological advancements. The achievement will undoubtedly be remembered as a proud moment for the Sairam IEEE Student Branch and the broader IEEE community.

## Inspiring Excellence: Srinivasan of Sri Sairam Engineering College Honored with Dr. Kalam Award"

Srinivasan, a final-year student in the Artificial Intelligence and Data Science department at Sri Sairam Engineering College, has been honored with the prestigious Dr. Kalam Young Achiever Award. This recognition celebrates young individuals who exemplify Dr. A.P.J. Abdul Kalam's ideals, particularly in fields like technology, innovation, and community impact.

Winning the Dr. Kalam Young Achiever Award is a testament to Srinivasan's dedication to excellence and his commitment to using technology for social good. Throughout his academic journey, he has shown outstanding technical abilities and a proactive approach to addressing real-world challenges. By consistently demonstrating a passion for applying AI and data science to benefit society, Srinivasan exemplifies the qualities of leadership and innovation that this award seeks to recognize. His academic projects and community initiatives reflect his desire to make a positive impact, aiming to contribute solutions that benefit people and the broader society.



This achievement not only celebrates Srinivasan's accomplishments but also serves as motivation for him to continue pursuing meaningful advancements in his field. Inspired by Dr. Kalam's vision of a technologically advanced and socially responsible India, he aims to further his work with a sense of purpose and dedication. Srinivasan's award serves as an inspiration to other young students, showing that with determination, skill, and a compassionate mindset, they too can create change and make significant contributions to the world around them.

# Panchayat Leaders Gain Valuable Insights at GPDP Training for Effective Local Development

The GPDP (Gram Panchayat Development Plan) training conducted at SIRD (State Institute of Rural Development) on 28th and 29th October 2024 provided valuable insights into the process of rural development at the grassroots level. This training aimed at enhancing the capacity of local governance bodies, especially Gram Panchayats, to create effective and inclusive development plans that address the specific needs of rural communities.



During the two-day session, participants were introduced to the concept of GPDP, which is a comprehensive planning framework that ensures decentralized planning with active participation from the local population. The training emphasized the importance of involving community members in decision-making processes, aligning local priorities with government schemes, and integrating sustainable development goals into the planning process. Experts highlighted the role of data collection, needs assessment, and priority setting in formulating effective development strategies.

The sessions also focused on the technical aspects of plan preparation, including budgeting, resource mobilization, and monitoring and evaluation. Participants were trained to identify key areas such as education, health, infrastructure, sanitation, and livelihood opportunities that need to be prioritized in the GPDP. Interactive discussions and case studies enabled participants to grasp the practical challenges of implementing such plans.

Overall, the GPDP training was an enriching experience for Panchayat leaders, enabling them to develop the skills and knowledge required to draft realistic and impactful development plans. By strengthening local governance structures, this training contributes significantly to rural development and empowers communities to take charge of their growth and progress.

## Sri Sairam Engineering College HOD Joins SIRD Training for Rural Development Leadership

SIRD (State Institute of Rural Development) training plays a crucial role in strengthening the capacity of individuals working in rural development sectors. The primary goal of SIRD training is to enhance the skills and knowledge of officials, rural leaders, and other stakeholders involved in the implementation of rural development programs. These training programs are designed to address the challenges faced by rural communities by equipping participants with the tools to implement effective development strategies.



Dr. Swagata Sarkar, Head of the Department of Artificial Intelligence and Data Science at Sri Sairam Engineering College, recently participated in a pivotal training program at the State Institute of Rural Development (SIRD). This training aims to build the capacity of individuals working in rural development sectors by equipping them with essential knowledge and skills. Dr. Sarkar's participation highlights the importance of interdisciplinary collaboration in addressing rural challenges and implementing sustainable solutions.



The training offered by SIRD focuses on various aspects of rural development, including agriculture, education, healthcare, sanitation, and sustainable livelihoods. It also emphasizes capacity-building in governance, project management, and monitoring and evaluation techniques. Participants are exposed to a combination of theoretical knowledge and practical skills, ensuring

that they are well-prepared to handle real-world challenges.

Additionally, SIRD training helps foster collaboration between government officials, non-governmental organizations, and rural communities, promoting a more inclusive and participatory approach to development. The training modules often include field visits, workshops, and case studies, which enable participants to learn from successful rural development models and apply them in their own regions.

Through this experience, Dr. Sarkar brings valuable perspectives to the Department of AI & Data Science, emphasizing how data and AI technologies can enhance rural development strategies. SIRD's training fosters collaboration among government officials, NGOs, and rural communities, promoting inclusive and participatory development.

By providing an integrated approach to rural development, SIRD training plays a key role in improving the living standards of rural populations. It empowers local leaders and government functionaries with the expertise to implement effective policies and programs, contributing to sustainable development and poverty alleviation in rural areas. Overall, SIRD training is instrumental in bridging the gap between urban and rural development, promoting social and economic progress in rural communities.

## Pathway to Success: Sri Sairam Engineering College's AI & DS Students Make Their Mark in Industry

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<b>ANJANA P</b> ZOHIO PACKAGE OF <b>5.6 LPA</b>	<b>SWETHA BALAJI</b> Checktronix India Private Limited PACKAGE OF <b>4.5 LPA</b>	<b>PRANAVKUMAR S</b> Checktronix India Private Limited PACKAGE OF <b>4.5 LPA</b>

Dr. Swagata Sarkar HOD - AI&DS | Dr. L. Arunachalam Dean Tap Cell | Dr. J. Raja Principal | Dr. Sai Prakash Leo Muthu Chairman & CEO

This announcement highlights the achievements of students from Sri Sairam Engineering College's Department of Artificial Intelligence & Data Science who have secured placements in prominent companies. The institution, located in West Tambaram, Chennai, celebrates its students' success in landing roles with reputable companies like Launch Ventures, Infosys, Zoho, and Checktronix India.

Among the students, Anantha Narayanan received the highest package of 12 LPA from Launch Ventures, followed by Surya Prakasha PK, who secured 9.6 LPA from Infosys. Other students, including Preetha Lakshmi E and Anjana P, have been placed in Zoho with packages of 5.6 LPA each, while Swetha Balaji and Pranavkumar S have joined Checktronix India Private Limited with packages of 4.5 LPA.

The announcement also acknowledges the contributions of key figures in the institution's leadership, such as Dr. Swagata Sarkar (Head of the Department - AI & DS), Dr. L. Arunachalam (Dean, Tap Cell), Dr. J. Raja (Principal), and Dr. Sai Prakash Leo Muthu (Chairman & CEO).

This accomplishment reflects the college's commitment to providing quality education in artificial intelligence and data science, preparing students for industry demands. It showcases the value of AI and data science as growing fields, offering students lucrative career opportunities in top organizations. The college's dedication to fostering practical skills and industry connections has enabled students to excel and secure impressive placements, marking a proud moment for both the institution and its students.

**THANK YOU**