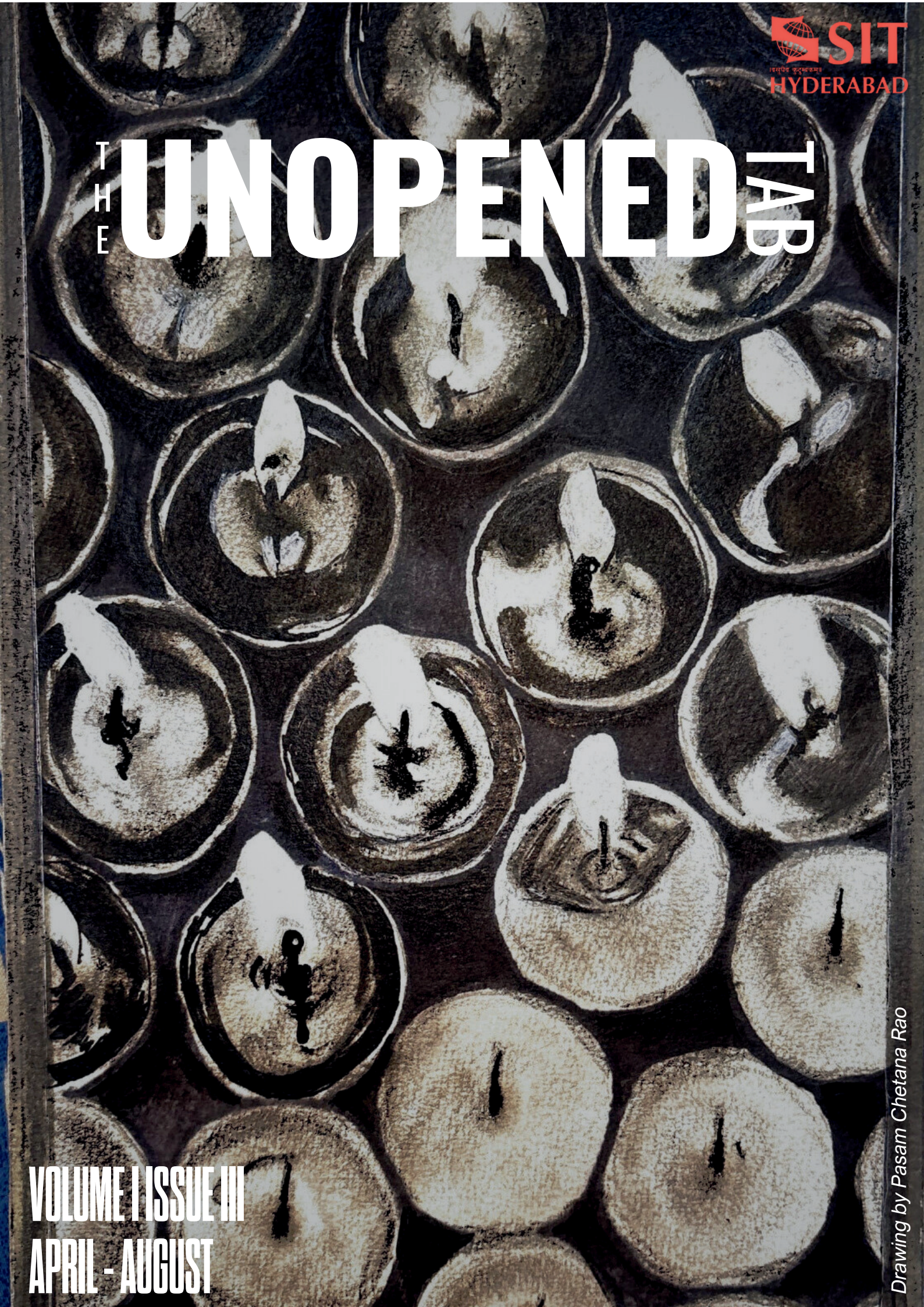
SIT
HYDERABAD

THE UNOPENED TAB



VOLUME I ISSUE III
APRIL - AUGUST

Drawing by Pasam Chetana Rao

DIRECTOR'S NOTE

As SIT Hyderabad continues its journey of growth and academic distinction, this edition of our newsletter reflects the collective efforts, progress, and aspirations of our vibrant community. Building on the strong foundation of communication and engagement established in earlier editions, we move forward with renewed focus on academic excellence, research impact, innovation, and holistic student development.

This newsletter serves not only as a record of achievements but also as a forum for ideas, collaboration, and institutional learning. It highlights noteworthy accomplishments of our students and faculty, innovative teaching–learning practices, research initiatives, industry collaborations, and co-curricular activities that enrich campus life. Such shared narratives inspire excellence and reinforce our commitment to quality education.

I encourage all members of the SIT Hyderabad community to actively contribute by sharing successes, best practices, and thought leadership. Your participation strengthens our academic ecosystem and helps cultivate a culture of openness, creativity, and continuous improvement.

As we look ahead, let us remain committed to nurturing leadership, ethical values, and innovation that address real-world challenges. I am confident that, together, we will continue to achieve significant milestones and position SIT Hyderabad as a centre of excellence in engineering education.

Warm regards,
Prof. Rajanikanth Aluvalu
Director
Symbiosis Institute of Technology, Hyderabad

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MICROSOFT INDUSTRY VISIT

On 30th of August, as a part of Deeksharambh - Student Induction Programme for the batch 2025-2029, students had an enriching and insightful industry visit to the Microsoft India Headquarters, which is located in the IT Hub of Hyderabad. This initiative is taken by the training and placement cell of Symbiosis Institute of Technology, Hyderabad. The visit is aimed to provide students with real-world exposure to one of the world's leading technology giants for improving their academic knowledge with industry insights and innovation-driven experiences.

Upon arrival, we were made to sit in the seminar hall of the campus. But, believe us, that campus left a lasting impression on each of us. First of all, we had that welcoming speech from Sandeep Srivastava, Director of Product Management at Microsoft. His words motivated all the students to pick the right path in their life for a better future. Then, Rishab Agarwal, Product Management Leader at Copilot Agents and Connectors, came up and spoke about Microsoft. He said that it supports a wide range of software products, cloud services, hardware devices and business solutions which empower individuals and organisations across the globe. He also put on a general quiz which is based on Microsoft and Technology. They also gave Hershey's Chocolates to the students who answered the questions.

A key highlight of the visit was an engaging interaction with the Microsoft engineers. In this session, we had three experts who shared their valuable insights. They are Silvi Parlani, Achintya Jain and Sambit Mishra who are working as Software Engineers and Developers at Microsoft. They shared insights into career opportunities, internships and skills required to excel in the technology industry or sector. They also shared their personal career journeys, motivating students to dream big and achieve big.

We also had an opportunity to witness a mini workshop that was taken by Tezan Sahu, Software Engineer at Microsoft. He showed by explaining about Building an M365 Copilot agent using GitHub MCP Server and he also explained about fine-tuning Microsoft's Phi-4 Model for Medical Reasoning. We learnt something which is related to technology. He took his time to explain the complete procedure, to share their knowledge, guide students through real-world applications, and inspire us with their experiences. His patience, expertise, and encouragement made the workshop not only informative but also highly motivating.

This visit involved practical demonstrations, interactive discussions and also career guidance. The students left with a deeper understanding of tech trends and the importance of innovation. The students were particularly inspired and motivated by the expertise and enthusiasm displayed by the Microsoft Team.

HYDERABAD DATA & AI COMMUNITY

HYDERABAD DATA & AI COMMUNITY

This platform is for you and because of you

As part of the Deeksharambh 2025 Student Induction Programme, on 11th August 2025, the Hyderabad Data & AI Community (HDAC) officially launched its AI & Data Science chapter at Symbiosis. This is an important step for the Symbiosis Institute of Technology as we continue to connect academia with industry and empower our students with practical data and AI skills. The Training and Placement Cell, SIT Hyderabad, has also taken part in this chapter launch. This is established under the vision of encouraging students to explore emerging technologies, enhance practical knowledge, and build strong industry connections.

HDAC stands for Hyderabad Data & AI Community. It organizes Data Analytics meetups and podcasts in Hyderabad. The two leaders are Adithya Ram Parisa and Thodupunuri Bharath. They are dedicated to educating and guiding aspiring data analysts and those moving into data analytics careers. They hold free community meetups every month in Hyderabad, inviting data industry leaders to help connect aspirations with job opportunities.

Let's learn, build, and grow together.

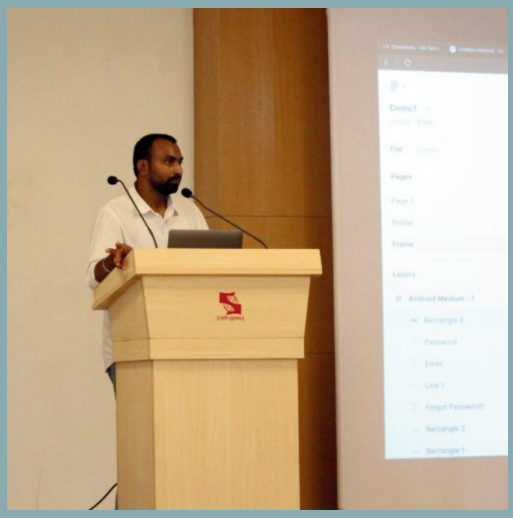
CHAPTER LAUNCH AT SYMBIOSIS

The inauguration included the Director of Symbiosis Institute of Technology, Hyderabad, Dr. Rajnikanth Aluvalu, and Adithya Ram Parisa, the organizer of HDAC and also a data analyst at Qualcomm.

These people share one goal: to develop the next generation of data-driven innovators and solutions. Adithya Ram Parisa, the organizer of HDAC, also led a session discussing the chapter launch and explained about the HDAC. The session was more technical and focused on data science, meeting globally accepted standards.

Through this chapter launch, they aim to:
- Conduct hands-on workshops in Data, AI, Analytics, and Cloud
- Host expert sessions and technical talks with industry professionals
- Organize hackathons and innovation challenges
- Enable one-on-one mentoring and career guidance

This is not just the launch of a chapter. It marks the start of a moment where ideas meet opportunities. It is a milestone for both the student chapter and HDAC, fostering the potential for community collaboration.



UI/UX WORKSHOP

On 8th of August 2025, Day 5th of Deeksharambh, we begin with the first day of 2-days hands-on workshop on UI and UX Designing. This workshop was led by Mr. Sai Yashwant Tavva, a well known UI/UX professional. It proved to be a stepping stone for students into the world of creative design thinking.
The first day of the workshop began with the principles of design thinking and how important design is for the success of the product. Yashwant Tavva used real world examples of common apps and websites to show how critically design impacts a human brain. He later explained us the difference between UI(user interface) and UX(user experience) and how they combine to play a major role in user experience.

The workshop shifted quickly from theory to practice. Each student was given a task to create the design of the login page of the SIT website. This task gave us a rough idea of designing systems and we developed a small scale prototype of the login page.
Based on the excitement and energy of Day 1, the second day was a deeper dive into creative design and how minute details impact user experience. Yashwant Tavva introduced students to the different features of figma application and how to enhance and better the task given on day 1.Participants found out how initial ideas can get transformed to much mature prototypes. Interacting with industry experts like Yashwant Tavva gave students hidden insights about the industry that will help them to form a career in designing. Students learned that design is not solely about aesthetics but about creating an experience that is functional,inclusive and convenient.

The two day workshop was much more than an introductory lecture on UI/UX, it was a long journey that sparked creativity and collaboration amongst the students. Students with no prior knowledge of designing quickly grasped the core values of UI/UX.
The trial and error process in designing teaches us that each failure is actually a step towards success if we make adjustment based on the failure.

The UI/UX workshop has truly set a high benchmark for future induction programs. The workshop reflects the institute's determination to deliver industry relevant education that prepares students for the demands of the tech-world.

JAVA API WORKSHOP

A two-day hands-on Java API Development workshop was organized on 8th August 2025, the 5th day of Deeksharambh. The sessions were led by Mr. Uthej Kalathila, Digital Specialist Engineer at Infosys, and Mr. M. Sai Kumar, Software Engineer at Broadridge, giving students a real taste of how backend development works in the software industry.

The first day focused on the basics of backend development and why APIs are at the heart of modern applications. Students were introduced to how Java APIs connect the frontend with the database and how a well-designed backend directly impacts the reliability and performance of a product. The mentors explained key concepts in a simple, relatable way, often connecting them to applications students use every day.

After the introduction, the workshop moved into practical work. Students started designing and building two real-life mini projects: an attendance database and an e-commerce database using MySQL. They then used Postman to send requests to Java APIs and see how data is created, read, updated, and deleted in the database, helping them understand how all components work together.

On the second day, the focus shifted to writing cleaner, more structured APIs and improving the database designs made on Day 1. Students explored RESTful principles, CRUD operations in more detail, and how to handle common issues while working with APIs. They refined their attendance and e-commerce databases and tested different scenarios using Postman to better understand real-time backend behavior.

Throughout the day, Mr. Uthej Kalathila and Mr. Sai Kumar shared practical tips from their industry experience, including how backend developers collaborate in teams and what skills are important for careers in this field. Students realized that backend development is not just about writing code but about building systems that are reliable, efficient, and easy to maintain.

For many students, this was their first exposure to backend development, yet they were able to grasp core ideas quickly through constant trial and error. The hands-on nature of the workshop built confidence and encouraged students to think logically about how data flows in real applications. The experience set a strong benchmark for future technical sessions in the induction program and reflected the institute's commitment to offering industry-relevant, practical learning that prepares students for the demands of the tech world.

KANHA SHANTI IVANAM

On 25 August 2025, the batch of 2025-2029 visited Kanha Shanti Vanam for a one-day workshop on prosperity for common health conducted by Heartfulness.The minute the bus entered Kanha Shanti Vanam, we could feel the peace and calm in the air. The whole area was greenery, and everything seemed so put together.

As we entered, we were introduced to the concept of Heartfulness and what it does to benefit society. After all the speakers addressed the gathering, we had a 20-minute meditation session, which felt very warm and fresh, in which we only had to close our eyes and give rest to our brains. The 20-minute session was about cleansing our inner body with the help of cosmic energy present around us, which was followed by lunch.

After lunch came the most exciting event the volunteers had planned for us, the interaction session, in which all the students had to interact with other college students, which was very interesting, as we had to discuss what qualities a leader needs to become one. During this interaction, we understood each other's mindsets and ways of thinking, which also helped our communication skills.

We then had to make a group of 5, consisting of one student of KCC (Kanha Coaching Center), 3 Symbiosis students, and one student delegate from Sri Lanka, after which we had to discuss five major issues that the youth of India are facing.

All of us soon started our discussions and made our pointers ready. Two students from each team had to present their team and speak about their points in front of the gathering, and when everyone started presenting their points, we understood that most of our points were the same, which apparently was the whole point of this discussion.

They wanted us to realise that irrespective of each group consisting of 5 different people with different point of views when they had to come up the problems that are been faced by the youth of india, all of us came up with similar points meaning how evident these problems were to all of us and how important it is to all of us to come together as a team and take action, which was the theme of the youth conference.

ONAM

Fluttery trails of dew-adorned skirts clustered around the auditorium as students waited for a reprieve from the heavy rain. Sultry fingers toyed with flower garlands pinned to intricate hair, etching patterns with rain drops into mundus that seemed to reflect the toil of hurdling through mud covered grass blades. Between regretful monotonous weeks of quizzes and assignments, lied the annual festivities of Onam, a festival that seemed to bring with it an air of joy, harmony, and the spirit of stumbling into the dance club filming in sarees that us artfully ungifted could not ever comprehend.

You'd come across waves of OC members buzzing in and out of the mess, with ornate decorations squeezed between a rock (their arms) and a hard place (bags of flowers that threatened to pour over from under them), you, just like I did, would already know the immensity of this festival on campus. I have it on good grounds that while rain threatened to pour down on this eventful evening of September 2nd, and the OC hurried away, last minute plans involved logistical planning for a series of events. Traditional games like tug-of-war, musical chairs, lemon and spoon race, and Uriyadi were complemented by contemporary competitive games like pillow fights (yes, competitive), and sack races.

Thundering booms saw sadhya-filled bellies immerse themselves in the music, dances, fashion shows, and Thiruvathira resounding through the auditorium, offering a cultural glimpse into Kerala's culture and heritage. Although this should have been the highlight of the evening, with the turn-out putting mandatory attendance activities to shame, one could argue that if you happened to find yourself in the mess at the odd hours of 2: 15 and saw a heavily accessorised Mahabali, you'd be forced to re-evaluate. While, it would be unwise to think that an event this successful could be replicated in the near future, the mellow drizzle and the dripping hair was the perfect see-off for all the students who started to pack for the holiday. Soon enough, campus fell silent, with the essence of the festival lingering in the air.

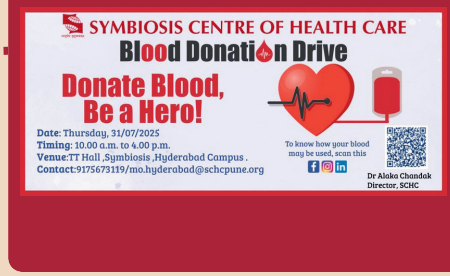
THE 79TH INDEPENDENCE DAY

There is an invisible thread that seems to hold culture and histories together within the personal nature of our patriotic country. And, that was explicitly apparent on the momentous occasion of our 79th Independence Day. Symbiosis International University came together this year to weave together festivities that mirrored the enthusiasm exhibited elsewhere around the nation. As always, students were met with a bulk mail that invited the student body to participate in the celebrations, this time helmed by Symbiosis Centre of Management Studies (SCMS), who organised cultural programs for students from varied campuses to display their affinity for the arts of our nation. The day commenced with a Prabhat Pheri for which students gathered at the academic block to hon-our the sacrifices of our freedom fighters and celebrate the unity that cascades through our rich history. If you were fortunate enough to traverse along the corridors of the academic block, or happened to walk past the mess hall at the right time, you'd have heard the trebles of the national anthem resound through the campus. The entire student body and faculty were adorned in shades of our tricolour, resembling the flag that our campus admin hoisted in remembrance. After a quick soiree, the organizing team from SCMS could be seen fluttering around the auditorium making duly preparations for the cultural program. Although the audience turnout was hardly promising, the same could not be said for the performances. There were multiple dance, song, and instrumental performances, with our very own students Rohini Sengupta and Krish Prajapati taking the stage on the occasion. Rohini performed a contemporary classical dance performance to "Inkem Kavale" from the film Geetha Govindam and Krish performed a melodious Tabla ensemble, and spectators have said that their flair and expressionism were particularly charming. After a quick prize distribution and a vote of thanks from the organising

team, students slowly dispersed from the auditorium and to their hostels. If this occasion could be correlated to anything in the future, it is sure that the destination would be nothing less than a representation of the ambitious, confident, and patriotic student body this campus houses.

31/07/2025

Blood Donation Drive



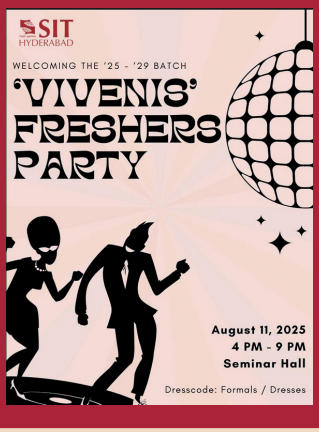
4/08/2025

Deeksharambh

Deeksharambh

15/08/2025
Independence Day

16/08/2025



21/08/2025
IEEE Patent Insights

The IEEE Symbiosis Institute of Technology Hyderabad Student Branch, the IEEE SPS Hyderabad Chapter and IEEE Hyderabad Section organized an interesting Distinguished Talk, the title of which was Patient: How to Make It Stronger and More Profitable on 21 August 2025. The speaker was Akihiko K. Sugiyama, a famous innovator of Tokyo Metropolitan University and Founder of Damas.cus Corporation, which made the discussion unique and global.

Dr. Sugiyama did not merely elaborate about patents, he decoded the attitude of innovation. He talked of the importance of clarity in claims, filing strategies and having a curiosity to find a solution in an idea, to turn it into a valuable, lucrative resource. His examples of anecdotes of the real world and his considerations turned the session into something more of a lecture and less of a lecture.

Students, faculty and aspiring researchers were enthusiastic to respond, and they were involved in thinking more about the possibilities and ideas that he presented. The presentation was inspiring to many, not only did it impart some lessons but it also gave people a new understanding of the art behind preparing meaningful and impactful patents.

25/08/2025
Founder Mindset

On 25 August 2025, the IEEE SIT Hyderabad Student Branch and the Entrepreneurship and Start-up Cell, organized a very insightful and vibrant talk by Ms. Anu Bulusu, Co-Founder of L5.ai which is an organization that is developing AI-based solutions to ensure that businesses become smarter. As soon as she started her speech on the topic of Think Like a Founder, the atmosphere in the room was filled with curiosity.

Ms. Bulusu told candid stories about her experience and made very brief mention of the emergence of the creator of WhatsApp to demonstrate how faith can make simple concepts significant projects. Her down-to-earth approach, combined with the examples that students could identify with, inspired them, made them feel more confident and ready to think bigger in terms of innovation.

30/08/2025
Microsoft Industry Visit

OUR COLLABORATIVE TIES

SIT Hyderabad formalizes a cybersecurity partnership with CSCoE Telangana, DSCI, and The SmartBridge.

As Industry Connect Incharge at Symbiosis Institute of Technology, Hyderabad, Dr. Rajanikanth Aluvalu, Director, SIT Hyderabad, took a significant step toward strengthening the institute's industry partnerships by signing a Memorandum of Understanding (MoU) on 11 August 2025.

The agreement was established with the Cyber Security Centre of Excellence (CSCoE), Telangana—an initiative of the Government of Telangana in collaboration with the Data Security Council of India (DSCI)—along with The SmartBridge, a well-known platform for technology-driven learning.

This MoU marks an important milestone for SIT Hyderabad, aligning the institute with leading organizations at the forefront of cybersecurity innovation, research, and workforce development. Through this collaboration, students will gain access to specialized training programs, hands-on workshops, industry mentorship, and exposure to emerging technologies in the cybersecurity domain. The partnership also aims to create opportunities for joint research, hackathons, internships, and real-world problem-solving initiatives that strengthen students' practical understanding of industry challenges.

By forging this alliance, SIT Hyderabad reaffirms its commitment to bridging academia and industry, ensuring that students are equipped with the skills, knowledge, and industry readiness required in today's rapidly evolving technological landscape. This collaboration stands as a testament to the institute's vision of empowering learners through meaningful, future-focused engagements.

GET TO KNOW YOUR FACULTY

HOD EDITION

HOD CSE

DR. G SURYANARAYANA

Q1. If you had to choose one milestone in your career in the past year, what would you choose?

I would choose mentoring a group of students on a research project. Though it is difficult to secure funding for few initiatives yet, the experience of guiding students, encouraging their curiosity and witnessing their growth would be incredibly rewarding and reaffirm my passion for academia and the importance of perseverance, collaboration and learning through challenges.

Q2. IT is a fast-moving industry. How would you say you keep yourself updated? And on that same note, how would you encourage students to do the same?

I stay updated by regularly reading industry blogs, attending webinars and engaging with professional networks. Some blogs and websites I follow for job trends, emerging technologies and industry updates include TechCrunch, Hacker News, Stack Overflow Blog, GitHub Explore and LinkedIn Learning. I encourage students to build the habit of subscribing to newsletters from Indeed, Glassdoor and AngelList besides joining online communities like, Reddit's r/technology. Experimenting new tools on platforms like Coursera or edX learning accelerates understanding and keeps them ahead of industry changes.

Recommended Blogs & Resources for IT Job Updates:

1. ***TechCrunch (techcrunch.com/jobs/)***: *Startup and tech industry news, including hiring trends.*
2. ***Hacker News (news.ycombinator.com)***: *Community-driven discussions on tech innovations and job opportunities.*
3. ***Stack Overflow Blog (stackoverflow.blog)***: *Developer-focused trends, challenges, and opportunities.*
4. ***GitHub Explore (github.com/explore)***: *Emerging projects and tools that can guide skill development.*
5. ***LinkedIn Jobs (linkedin.com/jobs/)***: *Industry-specific job postings and career insights.*
6. ***Indeed (indeed.com)***: *Job trends, salary reports and career advice.*
7. ***Glassdoor (glassdoor.com)***: *Company reviews, interview experiences and job openings.*
8. ***AngelList (angel.co/jobs)***: *Startup jobs and remote work opportunities.*

Q3. What is engineering to you? If you could give us one quote to describe your personal feelings, what would it be?

Engineering is about solving real-world problems through creativity and logic. One quote that resonates with me is: Applied Innovation.

Q4. Tell us more about how you became a young engineering student. What attracted you to the field of academia and research?

I was always curious about how things work and enjoyed building projects from a young age. What attracted me to academia was the opportunity to explore complex problems and share knowledge. Research allows me to contribute to innovation while inspiring others.

Q5. What is your message for the students in SIT Hyderabad? What is your teaching philosophy?

My message is to stay curious and never fear asking questions. My teaching philosophy is that learning happens best when students are actively involved. I strive to create a supportive environment where mistakes are seen as steps toward deeper understanding.

Q6. What is something you wish you had known when you started engineering yourself? What advice would you give to students pursuing a career in engineering?

I wish I had known how important time management and consistent effort are. My advice is to embrace challenges, seek help when needed and build both technical and soft skills as they are equally vital for success.

ENGINEERING IS ABOUT SOLVING REAL-WORLD PROBLEMS THROUGH CREATIVITY AND LOGIC.

OFF THE RECORD

1. What are three words you'd use to describe yourself?

Patience, empathetic and self-discipline

2. What are your hobbies and interests?

My hobbies and interests include reading motivational and spiritual books, which help me stay focused and positive. I also enjoy visiting farm lands to connect with nature.

3. A book, movie or song you'd suggest to your peers and students?

Book: "The Alchemist" by Paulo Coelho – a story about following one's dreams and embracing the journey.

Movie: Akasha me nee haddura

Songs: Melody songs.

HOD AIML

DR. KRANTHI KUMAR SINGAMANENI

Q1. If you had to choose one milestone in your career in the past year, what would you choose?

The highlight of the year for me has been guiding the Department of Machine Learning and Artificial Intelligence at SIT Hyderabad towards innovative learning. We have consolidated our department's base through AI-centric research projects, industrial partnerships, and students participating in international hackathons and conferences. For me, getting papers on Quantum Machine Leraning and Cyberesecurity published and guiding students on highly advanced projects combining AI with cybersecurity have proved especially satisfying.

Q2. IT is a fast-moving industry. How would you say you keep yourself updated? And on that same note, how would you encourage students to do the same?

Computer Science is constantly changing — from classical computing, quantum computing, and AI-driven systems. I stay up-to-date through research collaborations, IEEE memberships, and continual learning through faculty development programs, conferences, journals, and open-source communities.

For my own students, I personally always promote learning beyond the classroom. I make them create projects on GitHub, complete MOOCs courses, and participate in hackathons.
My student motto is straightforward: maintain honesty, reflect loyalty, exhibit consistency, and constantly indulge in experimenting.

Q3. What is engineering to you? If you could give us one quote to describe your personal feelings, what would it be?

For me, engineering is the bridging profession between creativity and innovation. It involves translating ideas into significant technological innovations that enhance the quality of life.

Q4. Tell us more about how you became a young engineering student. What attracted you to the field of academia and research?

Being a student, I was fascinated by the way computers could address real-world problems efficaciously using logic and design with the help of fast computational power. That interest gawked me into computer networks, cryptograph, and then into AI, ML, and quantum computing. Gradually, I understood that research and teaching allowed me to spread the same enthusiasm into young minds. Academia provides me a forum not only to teach, but encourage my pupils to explore, innovate, and think rationally.

Q5. What is your message for the students in SIT Hyderabad? What is your teaching philosophy?

To all SIT Hyderabad students — face hard times, challenges and learn through creation. Whether you're coding a program or build an AI model, every step helps you think out of the box.

My pedagogy is experiential, outcome based learning through which students practice applying elementary theory concepts into practice. I believe in guiding students towards being real time problem solvers.

Q6. What is something you wish you had known when you started engineering yourself? What advice would you give to students pursuing a career in engineering?

I wish I had understood earlier that being an engineer is not just about learning technical skills, but it is a profession that deals with ethical aspects, moral values, honesty, and curiosity.

My advice for students is to focus on core concepts, be vibrant, dynamic, and develop communication and soft skills. Future engineers should be experts not only in programming but also in effective communication, teamwork, and meaningful creation.

I PERSONALLY ALWAYS PROMOTE LEARNING BEYOND THE CLASSROOM.

OFF THE RECORD

1. What are three words you'd use to describe yourself?

Humble, Adaptive, and Innovative.

2. What are your hobbies and interests?

Implement various teaching methodologies, mentoring students, doing Quantum, AI and cybersecurity research.

3. A book, movie or song you'd suggest to your peers and students?

Movie Interstellar - A cinematic masterpiece that shows science, emotion, the future of technology and innovation from an engineer's perspective.

HOD FRESHMAN

DR. AKASH SHARMA

Q1. If you had to choose one milestone in your career in the past year, what would you choose?

Honestly, I can't restrict myself to a single "best" moment. The first was to have the opportunity to interact with all of you. Although we all have different mindsets, especially about physics [laughs], it is important to me as a teacher to be able to interact with such different strong voices. Whenever I meet students, they tell me about this event, and the next time I see them, they are already doing another one. Although you students are young, you are already putting yourselves forward. So this responsibility of being a HOD, would be a milestone, because I have to blend emotions and separate being a "professor" and a "friend" to students.

Q2. IT is a fast-moving industry. How would you say you keep yourself updated? And on that same note, how would you encourage students to do the same?

Even today, I have dedicated hours to read research articles. Now, even though I'm busy, I will spend my two hours every day without exception to go through articles. This way, I update myself through articles, through journals, sometimes even courses. Before, I used to be able to dedicate five hours, but time

is fickle. So, if you had to ask me how I'd encourage students, I'd say dedication is the answer. For me, my attention is completely towards hydrogen evolution, but I don't think many students would be interested in it. But, anything that students are interested in, (like machine learning), it is always better to dedicate yourselves to learning about the same.

Q3. What is something you wish you had known when you started engineering yourself? What advice would you give to students pursuing a career in engineering?

Until and unless someone is good in their fundamentals, it is hard to build up towards an actual career. Basically, fundamentals are what students have to use everyday, but there are very few students who don't have a negative outlook towards it. Think of fundamentals like a basic tool that you have at your end. If you don't know how to use it, it will be left aside. So, to students who are pursuing research, especially in this college that is built around research, I'd suggest focusing on fundamentals.
Something I wish I had known when I started engineering myself was how important it is to talk to your parents. Your parents are people who know you very well, so you can ask them for favors and they give you actual advice. They know you the best so they give you the best. You can never get the same energy, understanding, or even advice from anyone else. So if I had to suggest students do something different in their engineering journey, I'd suggest talking to your parents at least once a day.

Q4. Tell us more about how you became a young engineering student. What attracted you to the field of academia and research?

Something I wish I had known when I started engineering myself was how important it is to talk to your parents. Your parents are people who know you very well, so you can ask them for favors and they give you actual advice. They know you the best so they give you the best. You can never get the same energy, understanding, or even advice from anyone else. So if I had to suggest students do something different in their engineering journey, I'd suggest talking to your parents at least once a day.

Now, if I had to give advice to students pursuing engineering I'd say they need to focus on their fundamentals. Until and unless someone is good in their fundamentals, it is hard to build up towards an actual career. Basically, fundamentals are what students have to use everyday, but there are very few students who don't have a negative outlook towards it. Think of fundamentals like a basic tool that you have at your end. If you don't know how to use it, it will be left aside. So, to students who are pursuing research, especially in a college like this that is built around research, I'd suggest focusing on fundamentals.

Q5. What is engineering to you? If you could give us one quote to describe your personal feelings, what would it be?

To me engineering is flexible. In engineering, collaboration defines the field, and flexibility is essential to collaborate with other branches. When I was starting in Physics, I was of the opinion that mechanics doesn't necessarily involve learning chemistry. Eventually when I ended up in research, I realised how wrong I was. So, being flexible and collaborative defines engineering.

Q6. What is your message for the students in SIT Hyderabad? What is your teaching philosophy?

Engineering, I'd say is, something that takes basic scientific, abstract information and processes it and makes innovations out of that information. So if you're willing to only be 'bookish', that means you're going to kill a lot of innovation. So, I'd say students should be willing to try and balance everything: academics and creativity. Of course, engineering is a professional course that students take up. But if you want to learn something then you have to understand that communication, putting yourself forward, acquiring leadership skills, are all things equally important. If you don't utilise this

time available to you, you will regret that there are so many opportunities you did not make use of. Reading books is fine. Playing is fine. But, what I mean is that both are essential and everyone should take a step forwards toward both, because right now you might be at step zero. I believe in taking those tiny steps. If you take this in a mathematical sense, 1^65 is 1 and 1.01^65 is 1.16. But, 0.99^65 is 0.52. So if you are reducing yourself to even 0.01 times and continuing in that state you will have a reduction of 2.5%. So, my teaching philosophy is simple. We live in a day and age where everything is accessible. As a teacher, I am always here to help you. Bring yourself forward, and that will help.

ENGINEERING TAKES ABSTRACT INFORMATION, PROCESSES IT, AND LEADS TO INNOVATION.

OFF THE RECORD

1. What are three words you'd use to describe yourself?

That's such an interesting question. I'd say I'm curious. I'm a bit curious about everything, almost everything. Secondly, I am patient. I like to think my tolerance is exceptionally high. I'd also say I am hard-working.

2. What are your hobbies and interests?

I like trying new things. One thought I have every day is: "What is something I don't see every day?" So, like I said before, I'm curious, so I like everything.

3. A book, movie or song you'd suggest to your peers and students?

I'd say I have a very different mindset about books. I'm someone who can't read in the morning. The morning is when my time is scheduled: fixed for research or scientific books. But in the evening, I would definitely pick up a novel.

FROM THE PODIUM

What makes a university good?
Is it infrastructure? yeah sure, the more beautiful the garden the more butterflies, is it placements? Sure I mean who would reject a good package.Is it faculty? Yeah of course what's a good college with good mentorship and professors, but there is something more invaluable.One can spend good old hard cash on all these and get all the incentives but what about the freedom of thought and the freedom to explore other domains without restriction and with support?
That's what the two week induction program termed "deekshambh" was all about- To show the freedom Symbiosis provides to foster creativity and integrity. To show them a glimpse of the wonders one could do with the knowledge of Computer Science, for it is less of a degree and more of a lifestyle.
"Arise, awake, and stop not till the goal is reached" would be what we could summarise the whole programme as, for it aimed at cultivating perseverance to realise one's aspirations.
Although we cannot provide you with the full experience of wisdom and a pinch of humor from the sessions, we have tried our best at providing you with a coup d'œil.

We began our induction programme with the graceful presence of Dr.S.B. Mujumdar, the founder of Symbiosis, which affected all present in the auditorium as he elucidated that we were in great hands and it made us feel warmth he offered from his words making us comfortable being our first day. His assurance of symbiosis being a haven for those who want to learn and grow Sri. Jayesh Ranjan, an IAS whose intriguing speech made us think about where this world will lead with AI coupled with charisma and evergreen lessons to put work first. Followed by Smt. B. Sai Sri, IPS whose story of success inspires many till day and Dr. Kumar Vijay Mishra and Mr. Venugopal Reddy Kandimalla who couldn't stress enough to keep up with bleeding trends of artificial intelligence and how crucial research was in order to stay

relevant in an AI-paced world.

Then there was Mr. Akash Rao who delivered an informative session on interacting with GitHub. Soon after was the highly interactive and fun talk from Mr. Sri Charan Lakkaraju, the founder and CEO of StudentTribe. His talk, although focused on entrepreneurship, his approach towards making every student feel at ease and confident to answer in a public setting was the zenith of the day for many silent students spoke with confidence. Then came the story of a man which didn't feel any less than a movie- Mr. Ganesh Anabattula. The man that built a functioning car out of salvaged parts. He spoke about being unique out and finding the 'X' factor in us and honing it to monetization.

Carrying forward with the momentum created till now, a thought provoking sessions taken by Ms. Sajana Muvvala on mapping our career in tech and on staying relevant in a fast paced world. Her talk paved way for Ms. Tulasi Addanki who spoke about legacy systems to cutting edge technologies. She also spoke about being adaptable and innovative in an ever-changing technological landscape.

Ms. Sridevi Sira, Vice President Partnerships at The Smartbridge apprised the students on industry-academia synergy and introduced the students to her organization that strives to equip students with the necessary technical and professional competencies for job roles.

Then there was a talk on the importance of being a critical thinker and of data-driven decision making by Mr. Adithya Ram, Data Analyst at Qualcomm.

Mr. Venkatesh, Senior Director, Silicon Labs and Mr. Vidyasagar Tejomurtula, Senior Principal Architect, Zelis, highlighted the importance of personal branding and building a professional branding from the early years of engineering.

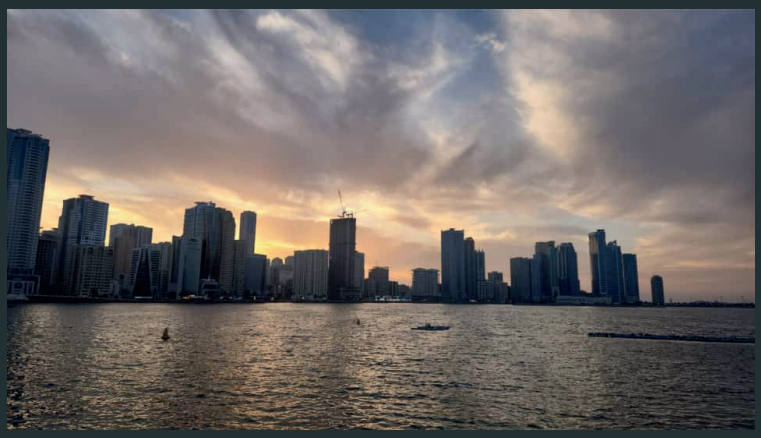
Prof. Dr. Rajainikanth Aluvalu spoke on bridging the gap between classroom learned knowledge and cutting-edge research for a student that's just starting out. One of the key points he emphasized in his talk was that for students to truly uphold the integrity of a researcher, they must cultivate a deep sense of curiosity and an ever-persevering hunger for answers. He explained that it is this relentless curiosity, the presence of mind to question, explore, and dig deeper—that sustains a researcher's journey, and it is the unyielding hunger for answers that pushes them to go "beyond the horizon". At the end of his talk, he assured students that Symbiosis would always support their ideas and passions, guide them to the orchard of opportunities and the playground of innovation.

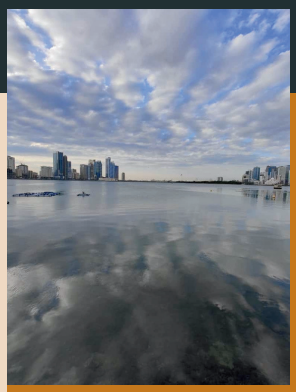
And with that, we wrapped up our two week induction programme- Deeksharambh.

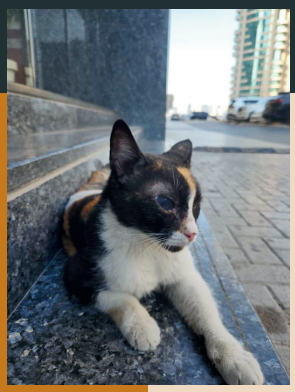
UNDER SPOT

PASAM CHETANA RAO

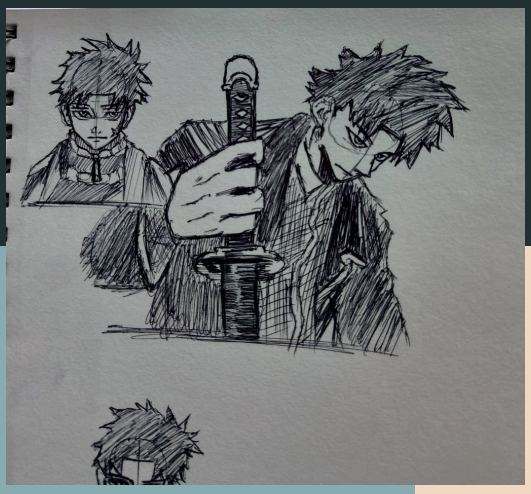
NITIN GIAMALANI







SRINITH MANAS SIDIRI



PVL SRUJANA

IRRINKI MEENAKSHI JANAKI

THE LIGHT

PASAM CHETANA RAO

$e^x=\sqrt{(me+you)}$

Tomorrow, you'll say goodbye to life,
Like the rate of change, you'll leave it behind forever.
But I hope—just maybe—I can be the exponent in your equation,
The one constant that never fades, never leaves,
No matter how the curve of life shifts.

I hope that when I am meant to be x, my value is you.
I hope to see myself as the definite integral of your equation,
The one whose value remains unchanged, no matter what you do.
And when I become too much, overwhelming in ways I can't control,
Then just root me with you.

Yes, I know it will be complex,
Complex enough to be a puzzle,
But I want to be that derivation, the piece that completes it all.
I may be irrational, perhaps even fractional,
But I know this—this feeling will never go polar,
And it won't be reduced to the iota of an answer.

-Md Zakiur Rahman

SRINITH MANAS SIDIRI

STUDENT ACHIEVEMENTS

The IEEE IES SYP 2025 Poster Presentation Contest, held on 15 August 2025 in Tunisia, brought together young innovators from around the world—each carrying ideas, passion, and a shared love for technology. Among them stood our very own representatives from Symbiosis Institute of Technology, Hyderabad, making this moment especially meaningful for all of us who have watched the IEEE SIT Hyderabad Student Branch grow in both spirit and capability.

B.Tech II Year CSE students Mr. Sujay Indupuru and Mr. Sai Prashanth Mallela proudly represented SIT Hyderabad on this global platform. Seeing students from our campus—students we interact with, encourage, and see working late on projects—step onto an international stage felt like a triumph for the entire community.

At the event, Sujay presented the poster showcasing the journey, initiatives, and impact of the IEEE SIT Hyderabad Student Branch. He spoke not just about activities and achievements, but about the culture of curiosity, teamwork, and innovation that has shaped the branch over the years. His presentation resonated strongly with the audience, reflecting both his confidence and the hard work of every student who has contributed to the branch's growth.

And then came the moment that made all of us beam with pride:

SIT Hyderabad was awarded the People's Choice Award in the IEEE IES SYP 2025 Poster Presentation Contest.

Earning this recognition on an international stage is no small accomplishment—it celebrates the creativity and dedication of our students and acknowledges the supportive environment that SIT Hyderabad strives to cultivate. Watching Sujay and Sai represent our institution with such poise and passion was a reminder of why student achievements matter so deeply to us: they reflect the heart of our campus.

As the IEEE SIT Hyderabad Student Branch continues its journey, this award stands as a shining testament to what our students can achieve when given the space, support, and encouragement to dream bigger.

From Labs

A novel lightweight hybrid cryptographic framework for secure smart card operations- by Kranthi Kumar S

Cognitive Computing in Manufacturing: Transformative Applications of Natural Language Processing for Human-Machine Interaction in Industry 4.0-by Dr Rajnikanth Aluvalu

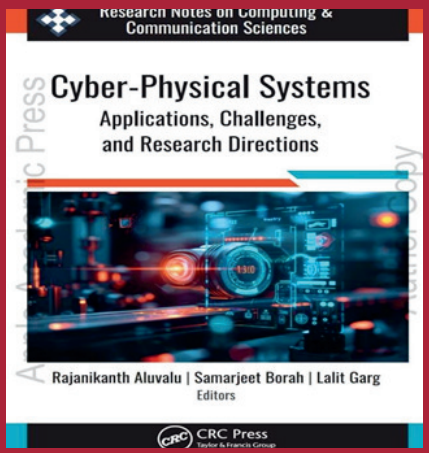
Integrated deep learning framework for driver distraction detection and real-time road object recognition in advanced driver assistance systems- by Dr. Salakpuri Rakeshhttps

Dr. Rajanikanth Aluvalu, Director of Symbiosis Institute of Technology, Hyderabad, represented the institute at the Education Leaders Conclave and Awards on Entrepreneurial Mindsets organized by Observe Now Education, Hyderabad, on 22 August 2025.

Dr. Rajanikanth Aluvalu, Director, Symbiosis Institute of Technology, Hyderabad edited a book titled "Explainable AI in Health Informatics"

to Literature

Dr. Surya Narayan, Incharge Head, Department of Computer Science & Engineering, SIT Hyderabad, was invited as an Expert Member on the Board of Studies of CMR College of Engineering & Technology, Hyderabad. He attended the BOS meeting on 19 August 2025.



An Efficient Quantum Blockchain Framework With Edge Computing for Privacy-Preserving 6G Networks-by Kranthi Kumar S

A Deep Learning Approach to Smart Waste Classification for Sustainable Environments- G.Suryanarayan

Dynamical analysis of a vector-borne disease model with control function strategies

Abstract Convergence Analysis for a New Nonlinear Ninth-Order Iterative Scheme- by Dr. Ausif Padder

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