Adi Shankara Institute of Engineering and Technology

# Sakshin

Monthly Newsletter of Dept. of CSE

2025 SEPTEMBER

## VISION

Nurturing globally competent Computer science and Engineering graduates capable of taking challenges in the industry and Research & Development activities.

## MISSION

M1. Imparting quality education to meet the needs of industry, and to achieve excellence in teaching and learning.

M2. Inculcating value-based, socially committed professionalism for the development of society.

M3. Providing support to promote quality research.


## ABOUT ASIET

Adi Shankara Institute of Engineering & Technology in Kalady, established by the Adi Sankara Trust, aims to provide value-driven technical education that promotes professional excellence and ethical values. Under the blessings of the Jagadgurus of Sringeri Sharada Peetham, the trust has over 50 years of experience in managing educational institutions. The institute focuses on the holistic development of its students.

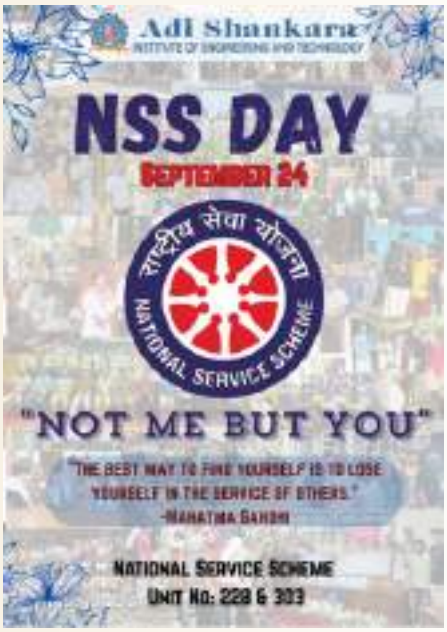
# Adi Shankara Institute of Engineering and Technology Receives Minister's Excellence Award at Excellentia 2025


We are proud to announce that Adi Shankara Institute of Engineering and Technology, Kalady, Ernakulam, has been honoured with the Minister's Excellence Award during the Excellentia 2025 event, a prestigious national-level celebration of excellence in higher education institutions.This distinguished award was presented in recognition of the institution's NAAC 'A' Grade accreditation, underscoring its commitment to quality and excellence in higher education.Dr. Boby Mathews, Head of the Internal Quality Assurance Cell (IQAC) of the institute, received the award from Dr. R. Bindu, Hon'ble Minister for Higher Education and Social Justice, Government of Kerala. The award ceremony was held on September 15–16, 2025 at Tagore Theatre and Girideepam Auditorium, Thiruvananthapuram.The event was organized by the State Level Quality Assurance Cell (SLQAC), Kerala, under the Department of Higher Education, Government of Kerala.This recognition marks a significant milestone in our journey toward academic excellence and quality assurance. The institute remains committed to sustaining high standards in teaching, research, and institutional performance.


# NSS Day Celebration at ASIET

Adi Shankara Institute of Engineering and Technology proudly celebrated NSS Day on September 24 under the banner of the National Service Scheme (NSS) Units 228 & 303.

The event was organized to honor the spirit of selfless service and community engagement, following the NSS motto “Not Me But You”. Students and volunteers came together to reflect on the importance of social responsibility, compassion, and teamwork in building a stronger society.





As part of the celebration, various activities and programs highlighted the contributions of NSS volunteers towards social upliftment, environmental protection, and community service. The inspiring words of Mahatma Gandhi — “The best way to find yourself is to lose yourself in the service of others” — served as the guiding light for the day’s events.

The celebration not only showcased the dedication and enthusiasm of the NSS units at ASIET but also encouraged students to continue their journey of service, leadership, and nation-building.

# Coders Club Inauguration – A Milestone for Innovation and Learning


The Department of Computer Science and Engineering, Adi Shankara Institute of Engineering and Technology, proudly inaugurated the Coders Club on 26th September 2025 at 9:00 AM in the Main Seminar Hall. The event marked the beginning of an exciting platform designed to nurture innovation, technical skills, and collaborative learning among students.

The inauguration was graced by the esteemed presence of Mr. Jacob Thomas, Delivery Manager at Tata Consultancy Services (TCS), who served as the Chief Guest. In his keynote address, Mr. Thomas highlighted the evolving landscape of technology, the importance of adaptability in the digital era, and how initiatives like the Coders Club can play a pivotal role in shaping industry-ready professionals. His inspiring words motivated students to embrace creativity, problem-solving, and continuous learning.

Adding strength to this initiative, the club proudly introduced its Execom Team 2025:

Core Team:
Gautham Krishna (S5 CSE B) – President
Pavithra S (S5 CSE C) – Vice President
Ajana C U (S5 CSE A) – Secretary

Faculty Team:
Dr. Sanjuna K R – Mentor
Dr. Sharika T R – Lead
Ms. Akshaya Jayaraj – Co-Lead
Ms. Parvathy Nair – Mentor

Technical Team:
Sreenivas Bakthan (S5 CSE C) – Head
Vandana S (S5 CSE C) – Member
Devananda Anil (S5 CSE B) – Member
Alan Joyes (S3 CSE A) – Member
C. R. Krishna (S5 CSE B) – Member
Amrutha Vijayan (S3 CSE A) – Member

Design Team:
Daniel Joshy (S5 CSE B) – Lead

Media Team:
Harigovind K (S5 CSE B) – Head
Dayana Shiju (S5 CSE B) – Member
Aisha Fathihah (S3 CSE A) – Member
Anagha P Anil (S3 CSE A) – Member

Program Team:
Fathima Neslin (S5 CSE B) – Head
Gouri Jayan (S5 CSE B) – Member
Nandhana R (S5 CSE C) – Member
Aqsa Fathima (S5 CSE B) – Member

# Productive PTA Sessions for S3, S5 & S7 CSE Students

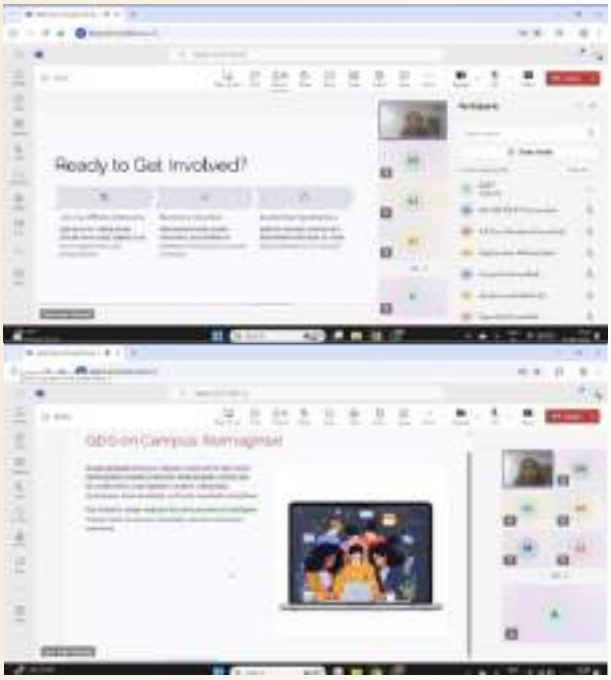


The CSE Department of Adi Shankara Institute of Engineering & Technology, Kalady successfully conducted the PTA Meetings for S3, S5, and S7 CSE students on 26th August 2025 and 15th September 2025. The sessions were well-attended by parents, who actively engaged in discussions with faculty members regarding their wards' academic performance, classroom involvement, and overall progress. Teachers provided valuable feedback, highlighted areas of improvement, and shared strategies to support student success both academically and personally.

Parents appreciated the initiative and expressed their commitment to work in collaboration with the department to ensure their wards' growth and development. The meetings reflected the strong partnership between parents and teachers in shaping the future of our students.

# GDG on Campus: Reloaded – Relaunched at ASIET

The Google Developer Groups (GDG) on Campus made an exciting comeback at ASIET with its online kickoff session on 27th September 2025 (Saturday) from 7:00 pm to 8:00 pm.The event, titled “GDG on Campus: Reloaded & Relaunched”, introduced students to the Google-powered tech community, opening doors to innovation, peer-to-peer learning, and collaborative opportunities.The session featured Ms. Dyna Joshy, Software Engineer at Precise Behavioral Inc. and Ex-GDSC ASIET Lead (2023).She shared her inspiring journey with GDSC, offering insights into the benefits of active participation in GDG, including skill growth, networking, and global exposure.Students gained their first look at the roadmap of GDG on Campus @ ASIET and the upcoming opportunities.The relaunch marked the beginning of a new era of technical exploration and community-driven learning at ASIET, inspiring students to take part in impactful projects and build a stronger tech culture on campus.

# Career Opportunities Seminar at ASIET – Empowering Futures

The Career Opportunities Seminar, organized by Flowers TV and 24 News Channel, was successfully held at ASIET, Kalady on 19th August 2025 at 2:30 PM. The seminar witnessed enthusiastic participation from final-year students who were eager to explore career pathways in India and abroad.The session was led by Mr. Ibrahim Babu, an experienced Career Guidance Counselor, who provided valuable insights into emerging opportunities across industries and global career trends.

Students gained clarity on career planning, employability skills, and higher education options abroad, including pathways to professional success.

A special announcement was made offering students a chance to join a 45-day FREE online IELTS coaching programme (1.5 hours/day), aimed at improving English proficiency and preparing them for international opportunities.

The seminar proved to be highly informative and motivating, equipping students with the knowledge and resources to make informed career decisions. It encouraged participants to think globally while preparing strategically for their future.

The event received positive feedback from attendees, marking it as a valuable milestone in the career readiness journey of ASIET's graduating batch.


# Achievement Spotlight – NPTEL Certification


Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to

DIVYA K S

for successfully completing the course

Data Science for Engineers

with a consolidated score of 70 %

| Online Assignments | 25/25 | Proctored Exam | 45.15/75 |
|---|---|---|---|

Total number of candidates certified in this course: 5002

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Sep 2025
(8 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL25CS101S648800823 To verify the certificate No. of credits recommended: 2 or 3

We are proud to announce that Divya K. S. has successfully completed the NPTEL Certification Course on "Data Science for Engineers" during the July–September 2025.

With a strong performance in both assignments and exams, Divya secured an overall score of 70%, earning the prestigious NPTEL certification. This accomplishment reflects dedication, consistent effort, and academic excellence in the emerging field of Data Science.

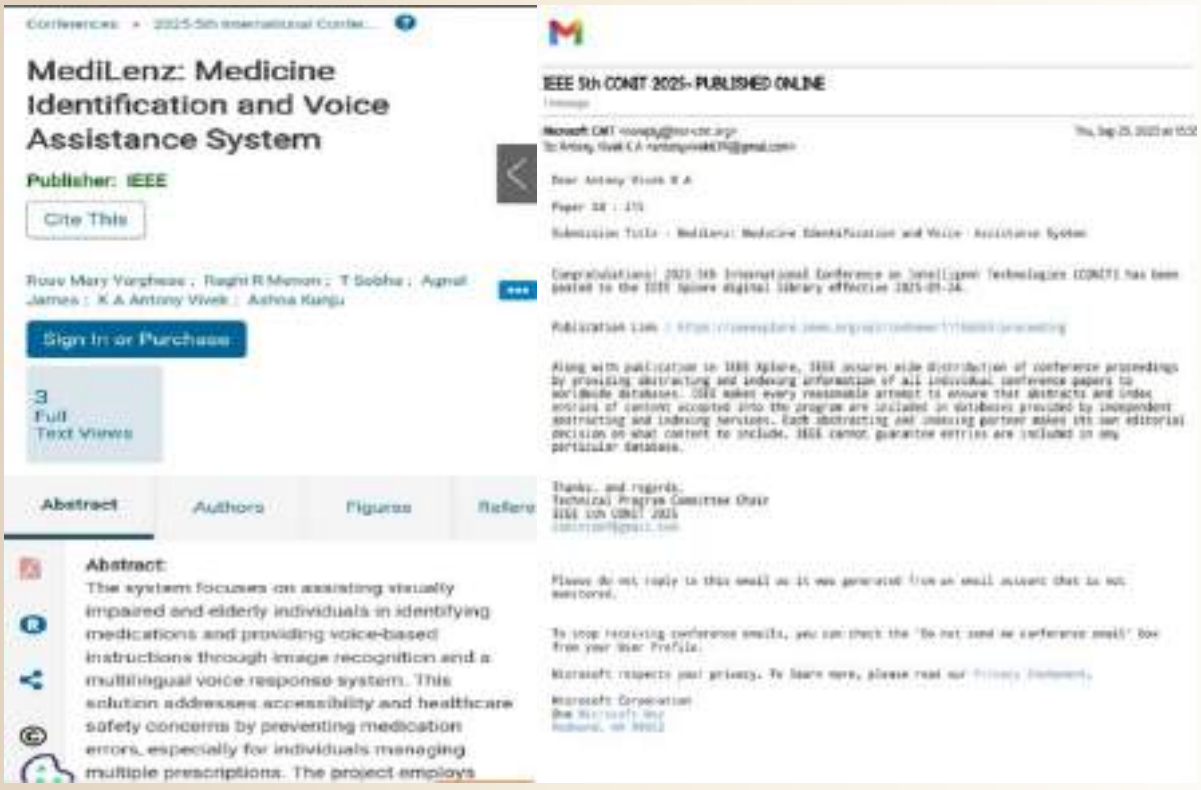
We extend our heartfelt congratulations to Divya K. S. on this achievement and wish her continued success in future academic and professional endeavors.

# Research Paper Presentation at IEEE Conference

We are delighted to share that the research paper titled “MediLenz: Medicine Identification and Voice Assistance System” was presented at the 2025 5th International Conference on Computing and Communications Technologies (ICCCT), published by IEEE.

Authors: Rose Mary Varghese, Raghi R. Menon, T. Sobha, Agnal James, K. A. Antony Vivek, and Ashna Kunju.

Highlights: The project introduces an innovative system designed to assist visually impaired and elderly individuals in identifying medications and receiving voice-based multilingual guidance. By employing EasyOCR, IoT integration, and machine learning, the solution prevents medication errors, enhances healthcare accessibility, and ensures safer prescription management.




# Faculty Publication in IEEE Conference ACCTHPA 2025


Real-Time Automatic Detection of Grape Leaf Diseases with MobileNetV2 Deep Learning Network Based on Artificial Intelligence

We are delighted to share that Prof. Sanjuna K R, faculty member of the Department of Computer Science and Engineering, ASIET, has contributed as a co-author to the research paper titled “Real-Time Automatic Detection of Grape Leaf Diseases with MobileNetV2 Deep Learning Network Based on Artificial Intelligence.”

The paper was presented and published at the 2025 IEEE International Conference on Advanced Computing and Communication Technologies for High Performance Applications (ACCTHPA) and is now indexed in IEEE Xplore (DOI: 10.1109/ACCTHPA65749.2025.11168579).

This research explores the application of deep learning techniques, particularly MobileNetV2, for the real-time detection and classification of grape leaf diseases, aiming to support agricultural efficiency and early disease management.

The publication marks yet another significant achievement in the department’s growing contributions to impactful AI-driven research. Congratulations to Prof. Sanjuna and the research team on this notable accomplishment!

# Research Achievement – IEEE Publication

We are delighted to announce that the paper titled “EyeBus: Bus Detection and Route Alerts Using Computer Vision” has been successfully published in the 2025 International Conference on Computing Technologies & Data Communication (ICCTDC), IEEE.

Authors: Gripsy Paul, Divya K. S., Alsha Thomas, Alfred Antony, Anabel George, and Fabiya Philomina M. J.

Highlights: The research introduces a computer vision–based automated bus announcement system that identifies buses and recognizes route information using live camera feeds. The system leverages AI and machine learning to provide real-time audio and visual updates, enhancing accessibility for passengers, especially those with disabilities. It ensures operational efficiency, reliability, and convenience in public transportation.


# Launch of DigiTrove: Empowering Communities through Digital Libraries


IEEE CS SBC ASIET successfully hosted the Official Inauguration and Launching of the Digitized Library System and Website of the Cultural Library, Malayattoor on 17th September 2025 at the Seminar Hall.

The event marked the proud unveiling of DigiTrove – The Library Digitalization Project, a significant step toward promoting digital literacy and community access to knowledge. With features such as online book reading and availability checking, DigiTrove stands as a modern gateway to making library resources more accessible to all.

Distinguished guests, faculty members, and students graced the occasion, celebrating this milestone in merging tradition with technology. The inauguration not only highlighted the importance of preserving culture in digital form but also inspired participants to envision a future where knowledge is truly democratized .

# CSI ASIET Chapter: Expert Session – Setting Standards in Software Development


The CSI ASIET Chapter of the Department of Computer Science and Engineering at Adi Shankara Institute of Engineering and Technology organized an expert session titled “Setting Standards: Embracing Industry Best Practices in Software Development” on 26th September in the Main Seminar Hall.

The session, exclusively arranged for 3rd year B.Tech CSE students, was led by Mr. Jacob Thomas, Delivery Manager at Tata Consultancy Services (TCS). The event, held from 9:30 AM to 12:40 PM, focused on bridging the gap between academic learning and industry expectations by highlighting modern practices and standards in software development.

Students gained valuable insights into the practical challenges of the IT industry and the importance of adhering to best practices to ensure quality, efficiency, and scalability in software projects. The interactive session also encouraged students to align their academic projects with real-world industry standards.

The program concluded with an engaging Q&A session, leaving students motivated and better prepared for future industry roles.

# Adi Shankara Institute of Engineering & Technology Makes it to the µLearn Monthly Leaderboard

We are proud to announce that Adi Shankara Institute of Engineering & Technology (ASIET) has secured a spot in the µLearn Monthly Campus Leaderboard, achieving an impressive Rank 11 with 13.66K points.

This recognition stands as a testament to the active participation, consistent efforts, and collaborative spirit of our students in various µLearn activities. It reflects the enthusiasm and commitment our learners bring toward skill development, peer learning, and innovation.

The spirit of collaboration and continuous learning at µLearn ASIET continues to shine brighter each week, with students actively contributing, sharing knowledge, and motivating their peers. The Week 4 Karma Leaderboard showcases this thriving culture of growth, celebrating the remarkable efforts of students who have gone above and beyond in their participation.

Leading the chart, Muhammed Afreen secured the top spot with 3235 Karma points, followed closely by Mathew Joseph T A (3043) and Fathima P Ajvad (2782), reflecting their dedication and consistent engagement. Alongside them, the Top 10 performers — Amal Anish (2433), Snehamol K M (2364), Sanjay S (2304), Afiya Fathima (2009), Parvathy Unnikrishnan (1683), Sanjana Krishna (1431), and Anna Joy V J (1183) — demonstrated outstanding commitment to learning and collaboration.

Continuing this streak of excellence, the weekly µLearn ASIET Karma Leaderboard once again recognized students who turned their dedication into remarkable achievements through active participation and teamwork.

This week, Afiya Fathima leads with an impressive 4290 Karma points, followed closely by Mathew Joseph T A (4243) and Nesrin K Mohammed (3582).

# MU-LEARN CORNER

SEPTEMBER 2025

These leaderboards not only celebrate individual excellence but also highlight the values of consistency, curiosity, and teamwork, inspiring every student in the µLearn community to stay engaged, collaborate, and strive for continuous growth.
Congratulations to all our students and mentors who made these achievements possible. Your dedication and collaborative spirit truly embody the essence of µLearn — learning together, growing together.



# Weekly Twitches | Inspiration Station Radio – Event Highlights


On 16th September 2025, µLearn ASIET hosted yet another inspiring session of Inspiration Station Radio featuring Brian Roy Mathew – UX Designer at Datamate InfoSolutions, Founder of Techiepedia, and Research Activities Coordinator at IEEE EdSoc KC.

Brian shared his remarkable journey through tech, design, and community leadership, offering students a glimpse into the challenges, learnings, and milestones that shaped his career. His insights on creativity, problem-solving, and leadership struck a chord with the audience, leaving them motivated to take bold steps in their own journeys.

The session was an engaging mix of experiences and actionable advice, reminding everyone that with passion and perseverance, impactful change is possible.

A big thank you to Brian for inspiring us and to all the participants who made the evening vibrant with curiosity and enthusiasm.

# Linux Labs – Learner Series ED#1 Successfully Concluded

Hack Club ASIET proudly hosted the very first edition of the Learner Series – Linux Labs on 25th August 2025 at CCF 10.

The session, led by our mentor Ashwin P Shine, turned out to be an engaging and power-packed experience where participants explored the world of Linux hands-on. From mastering essential commands to diving into real-time system operations, the workshop provided students with both practical skills and in-depth understanding of open-source systems.

Hack Club members actively participated, making the lab a truly interactive and collaborative learning space. The enthusiasm and curiosity shown by the participants reflected the spirit of open-source learning and community growth. With Linux Labs ED#1 wrapped up, Hack Club ASIET is excited to continue the Learner Series journey, bringing more sessions that combine skills, practice, and innovation.


# O-Penn Mic: A Creative Open Platform for Expression and Innovation


On 12th September 2025, from 9:00 AM to 4:00 PM, our college hosted an immersive workshop designed to empower students with practical AI skills.

The session commenced with a quick introductory session, where the speakers highlighted the agenda, the importance of AI in today's world, and how students could practically benefit from the workshop.

Following this, participants were introduced to AI chatbots, their real-world applications, and the tools required to build them. Throughout the day, students explored the use of:

- V0 for prototyping,
- Supabase for backend integration,
- Vercel for hosting, and
- OpenAI Gemini Key for powering AI intelligence.

To keep the energy high and encourage interaction, an ice-breaking session was conducted mid-way. This engaging activity helped students relax, collaborate, and connect with peers from different years, creating a lively and enthusiastic learning environment.

Students then actively engaged in developing their own personalised chatbot companions, experimenting with tone, behaviour, and interaction patterns.

The workshop concluded with a collaborative discussion, where participants showcased their chatbot builds, exchanged feedback, and shared their learning outcomes.

# Study Jam: Introduction to React


TinkerHub ASIET, in collaboration with Adi Shankara Institute of Engineering and Technology, organized a two-day online Study Jam session on “Introduction to React” held on September 26 and 27. The session was led by Mr. Abhijith Surendran, CEO of Zyebro Technologies Pvt. Ltd.

The event aimed to provide students with a strong foundation in React, one of the most popular JavaScript libraries used for building dynamic and responsive user interfaces.

On the first day, participants explored the topic “Getting Started with React”, where they learned about the basics of React, setting up the development environment, and understanding key concepts that form the backbone of React applications.

The second day focused on “Building Your First React Component”, guiding students through a hands-on session where they created their very first interactive component using React.

The workshop provided participants with both theoretical knowledge and practical experience, enabling them to take their first step into the world of modern web development with confidence.

# Viksit Bharath Yuva Seva Pakhwada – Orientation Program at Sanskrit University, Kalady

On September 24, 2025, as part of the Viksit Bharath Yuva Seva Pakhwada, NSS volunteers attended an orientation program held at Sanskrit University, Kalady. The session aimed to motivate students to contribute actively towards national development and community service.

Attendees:

1. Abdulla Mather, CSE A
2. Anagha P. Anil, CSE A
3. Angel Devis, CSE A
4. Ashlin S., CSE A
5. Muhammed Afreen, CSE C
6. Neeraj N. Kumar, CSE C

# Sapling Plantation Drive for Environmental Awareness

On September 25, 2025, NSS volunteers engaged in a sapling plantation activity in the adopted village. The program focused on promoting environmental awareness and encouraging a sense of responsibility towards nature and sustainability.

Attendees:

1. Nakshathra Naveen, CSE C
2. Suryanandini Santhosh, CSE C
3. Vrinda K. S., CSE C

# Sign Board Cleaning Drive for Cleanliness and Social Responsibility

On September 26, 2025, the NSS unit organized a signboard cleaning drive to promote cleanliness and social responsibility. Volunteers participated enthusiastically in cleaning and restoring public signboards, contributing to a cleaner and more organized environment.

Attendees:

1. Anandhu K. S., CSE A
2. Anagha T. Jayan, CSE A
3. Athulya Santhosh, CSE B
4. Bhaumik Eswar, CSE B
5. Edwin Titto, CSE B
6. Sridevi S., CSE C

# ACHIEVEMENTS

SEPTEMBER 2025

## Congratulations to Team Cipher


Proud to announce that the students Snehamol K M ( S7 CSE C), Vishnu VA( S7 CSE C) , and Vinayak M V ( S7 CSE C) and Cliya C Varghese (AI 2021-2025 Passout) have won the Second Prize $300 for the project AI Driven Disaster Digital Twin for Predictive Emergency Management at VITALS24 – a prestigious 24hr hackathon organized by IEEE SB SCET.

The hackathon was held at Sahrdaya College of Engineering and Technology, where the team showcased remarkable innovation, creativity, and technical excellence!

Hearty Congratulations to the team and their mentors, Mr Jerin Varghese and Ms. Shany Jophin.

## Internship Achievement – Congratulations to Ms. C R Krishna


We are delighted to share that Ms. C R Krishna of S5CSB has successfully completed a virtual AICTE Internship on Web Development using PHP and MySQL at ApexPlanet Software Pvt. Ltd. The internship was held from 1st August 2025 to 15th September 2025.

During this internship, she worked on a capstone project – an Expense Manager application, which efficiently tracks income and expenses while visually representing the data in the form of charts and analytics. This project highlights her technical skills in backend development, database integration, and front-end visualization.

This achievement reflects her dedication, consistent efforts, and ability to apply classroom learning to real-world applications. We also extend our appreciation to her mentors for their continuous support and guidance throughout the internship.

Hearty Congratulations to Ms. C R Krishna and her mentors!

# Congratulations to our Team Cenit Labs!


We are immensely proud to announce that our talented students have secured the First Position at 'Hack M BITS' Hackathon, held at Mar Baselios Institute of Technology and Science, Kothamangalam.

A huge round of applause for the winning team:

Brian Roy Mathew (S5 EEE)
Sreeramachandran S Menon (S3 CSE)
R B Ravish (S3 CSE)

Their remarkable innovation, hard work, and teamwork led them to this fantastic achievement. This victory is a true testament to their skills and a source of great pride for our institution.

# Kudos to Team Thinkdot Once Again!


A big round of applause to:

Team Thinkdot

Meenakshi Nair, Meenakshi Thrideep & Mridul Dev K K – S5 CSE C

Mentor – Ms. Alsha Thomas

Team Thinkdot's innovative project — "THINKDOT" — first made its mark by winning First Prize in the Hardware Domain at the flagship event organized by IEEE SB AJCE, hosted at Amal Jyothi College of Engineering. Building on this success, they were invited to represent their idea at the IEEE Region 10 ACEI Regional Idea Pitching Competition (across Asia-Pacific). Out of 30 teams that applied, they were shortlisted among the Top 8 finalists across the region.

Finally, they earned the opportunity to participate in the grand presentation round, where they showcased their idea before an esteemed panel of distinguished professors, international experts, and foreign judges.

Their journey is a true testament to creativity, technical excellence, and the spirit of innovation — a shining example of next-generation engineering!

# Why Cloud Computing Seems Magical (But isn't)

As a student, I'm always juggling homework, group projects, and the occasional late-night coding experiment. Recently, I realized that cloud computing has quietly taken over both my personal and academic life. Think about it: Canva for design work, GitHub for coding projects, Google Drive for class notes, and even Netflix for "study breaks." All of these run on the cloud.

But here's the truth: the cloud isn't some enchanted sky storage. It's a vast network of powerful computers housed in enormous data centers around the world. When I upload a file, it's stored on one of those servers. When I share it with my teammates, they connect to the same server through the internet.
The best part? Cloud platforms can scale up or down based on demand. So even if thousands of students are uploading massive PDFs during exam week, the system automatically allocates resources to prevent crashes. That's why platforms like Zoom and Google Classroom almost never go down.

This technology is levelling the playing field for students. All we really need is a stable internet connection—not expensive laptops with huge storage. Even advanced tasks, like running IoT projects or training machine learning models, can be done for free or at minimal cost on the cloud.

So, the next time you hear "cloud computing," don't picture fluffy white clouds. Instead, imagine rows of buzzing servers quietly managing our lives behind the scenes. And honestly? That's pretty magical in its own way.

Deleeshya Davis
S7 CSB

# Generative AI and the Hidden Environmental Cost of Servers

Generative AI is everywhere these days. From apps that can write stories in seconds to tools that create music, art, or even computer code, it feels like we've stepped straight into the future. It's exciting, no doubt—but there's a side to this story we don't often hear about. All this creativity comes at an environmental cost, and it has everything to do with the servers running behind the scenes.

Unlike regular apps on our phones or laptops, generative AI relies on supercomputers with powerful GPUs and TPUs. Training one of these models isn't a quick task—it can take weeks or even months of nonstop computing, consuming enormous amounts of electricity. And it's not just about computing power. These servers generate extreme heat, which means data centers need massive cooling systems to keep them operational. Imagine an engine running day and night without a break—that's what's happening with AI servers across the globe.

The numbers are sobering. Training a single large AI model can produce as much carbon dioxide as the lifetime emissions of several cars. Data centers already consume about one to two percent of the world's electricity, and as AI adoption grows, that number is only expected to rise. On top of this, cooling systems in data centers often use millions of liters of water each year. For regions already facing water scarcity, this is a major concern.

However, it's not all bad news. Awareness of this issue is growing, and solutions are being explored. Companies are experimenting with smaller, more efficient AI models that require less computing power. Hardware makers are designing chips that consume less energy. Some data centers are transitioning to renewable energy or relocating to cooler climates where natural conditions make cooling easier. Even governments are beginning to introduce sustainability regulations for AI.

Generative AI is incredible—it opens up possibilities we couldn't have imagined just a decade ago. But as we celebrate its potential, we must also consider its environmental cost. The challenge ahead is learning how to build and use AI responsibly, without depleting the planet's resources. If we can strike that balance, we'll create a future where technology not only amazes us—but also respects the world we live in.

Mr Jerin Varghese
Assistant Professor
CSE Department

# Navigating the AI-Driven Future of Computing

The technology landscape is evolving at an unprecedented pace, and as alumni of Computer Science and Engineering, it's inspiring to see how our field continues to redefine industries. Among the many innovations shaping the future, Artificial Intelligence (AI) stands at the forefront.

From personalized recommendations on streaming platforms to real-time fraud detection in banking, AI is no longer just a research curiosity—it has become the backbone of modern computing. But beyond the buzzwords, what excites me most as a CSE graduate is the fundamental shift in how we design and build systems. Problem-solving today is not only about writing efficient algorithms, but about creating solutions that can learn, adapt, and scale seamlessly.

For young engineers, this means two things:

1. Continuous Learning – Tools and frameworks evolve rapidly. Staying updated with platforms like TensorFlow, PyTorch, and emerging cloud-native AI services is essential.
2. Strong Fundamentals – While AI dominates the spotlight, the core skills—data structures, algorithms, operating systems, and networking—remain irreplaceable. These pillars ensure adaptability across generations of technology.

As we enter an era of edge computing, generative AI, and quantum-inspired algorithms, the opportunities for computer science engineers are boundless. My advice to current students is simple: don't chase trends blindly—build depth, explore breadth, and always stay curious.

Let's continue building a future where technology doesn't just impress, but truly solves problems and makes life better for everyone.

Sanjay Gireesan
2020-24 CSE B

# Celebrating Excellence – Proud Moments in S2 Results!


The Department of Computer Science and Engineering at Adi Shankara Institute of Engineering and Technology proudly celebrates the outstanding academic achievements of our students in the KTU University Semester 2 Examinations. Their dedication, perseverance, and pursuit of excellence have brought laurels to the department.We extend heartfelt congratulations to all achievers, with special recognition to our Top 5 performers:
Midhunraj T M – SGPA 9.59
Malavika Rajan – SGPA 9.55
Niranjana K P – SGPA 9.55
Amritha Rajesh – SGPA 9.45
Arsha S Nair – SGPA 9.32

Their remarkable performance reflects the commitment of both students and faculty in striving towards academic excellence.The department applauds every student who secured a Semester Grade Point Average of 8.0 and above, showcasing the strength and potential of our young engineers. These achievements reaffirm our vision of nurturing talented professionals equipped to excel in technology and innovation.
Congratulations once again to all achievers!


# 5-Day Residential Training Programme at LEAD College, Palakkad – A Transformational Journey

The 5-day residential training programme for final-year Computer Science and Engineering students of ASIET was successfully conducted from 24th to 28th September 2025 at LEAD College of Management, Palakkad. A total of 126 students enthusiastically participated in the event, accompanied by CSE faculty members, Ms. Shany Jophin, Mr. Jerin Varghese, Ms. Chinnu Maria, and Ms. Parvathy, under the guidance of Dr. Ramani Bai V, Head of the Department (CSE).

The programme aimed to bridge the gap between academics and industry expectations and offered students an immersive experience combining practical skill-building, corporate exposure, and personal growth.

Over the five days, students actively engaged in practical and experiential sessions covering:

CV Writing & Personal Branding,Interview Preparation & Self-Introduction Skills,Effective Communication & Public Speaking, Group Discussion & Critical Thinking Techniques,

Team Building, Leadership & Collaboration,Professional Etiquette & Grooming,Awareness of Global Career Trends,Outbound Experiential Learning Activities.

These sessions helped participants overcome inhibitions, build confidence, and sharpen employability skills essential for future career success.

The programme was facilitated by an eminent team of trainers:

Dr. Thomas George K – International Trainer, TEDx Speaker & Chairman, LEAD College of Management

Dr. Bindhu Ann Thomas – Principal, Kochi Business School & Senior Corporate Trainer

Mr. Ajay Japamani – Placement Officer, LEAD College of Management

Mr. Sijin T.C. – Certified Outbound Trainer, LEAD

The residential training with air-conditioned accommodation, structured modules, and outbound activities provided a holistic learning environment. Students left the programme with enhanced confidence, polished communication skills, leadership qualities, and readiness for corporate challenges. The event marked a significant milestone in their academic and professional journey.

# PLACEMENTS

SEPTEMBER 2025




# CREDITS & CONNECTIONS

SEPTEMBER 2025

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