



**St. JOSEPH'S INSTITUTE OF TECHNOLOGY**

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OMR, CHENNAI - 119



# NEWSLETTER

FEBRUARY 2025

ISSUE 14



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



## IMAGINE, INNOVATE, IGNITE WITH AI

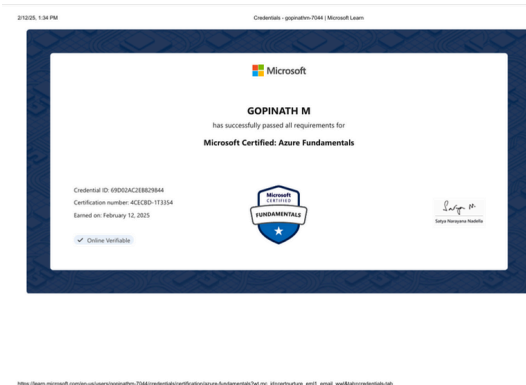
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# STUDENT ACHIEVEMENTS












The Department of Artificial Intelligence and Data Science is proud to highlight the Students **Arun, Harini, Akshaya, Gopinath, Sharleen Anthea, Subhiksha** successful completion of specialized courses by our members in collaboration with leading global tech organizations. Participants have enhanced their expertise through rigorous training programs offered by **Infosys, Coursera, Microsoft, and IBM**, gaining valuable insights into cutting-edge AI and data science advancements. These courses have equipped learners with practical skills in machine learning, deep learning, cloud computing, big data analytics, and AI-driven solutions, reinforcing their ability to tackle real-world challenges. This achievement marks a significant step in fostering innovation and excellence within the field of AI and data science.



# STUDENT ACHIEVEMENTS

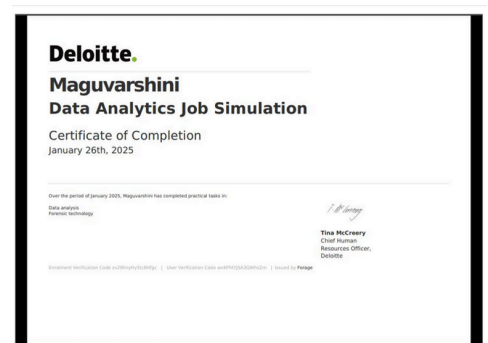


<p>In recognition of the commitment to achieve professional excellence</p> <p><b>Varsini S</b></p> <p>Has successfully satisfied the requirements for:</p> <p>Artificial Intelligence Fundamentals</p> <p>Issued on: Feb 07, 2025 Issued by: IBM SkillsBuild</p> <p>Verify: <a href="https://www.credly.com/badges/74c278ba-d08b-46b1-97db-86c2e0c316d">https://www.credly.com/badges/74c278ba-d08b-46b1-97db-86c2e0c316d</a></p> <p></p>	<p>In recognition of the commitment to achieve professional excellence</p> <p><b>Varsini S</b></p> <p>Has successfully satisfied the requirements for:</p> <p>SkillsBuild - Customer Engagement: Communication and Personality Dynamics</p> <p>Issued on: Feb 07, 2025 Issued by: IBM SkillsBuild</p> <p>Verify: <a href="https://www.credly.com/badges/e095a39-0799-443b-828f-453a0427f6d">https://www.credly.com/badges/e095a39-0799-443b-828f-453a0427f6d</a></p> <p></p>	<p>In recognition of the commitment to achieve professional excellence</p> <p><b>Sanjay V</b></p> <p>Has successfully satisfied the requirements for:</p> <p>Artificial Intelligence Fundamentals</p> <p>Issued on: Feb 07, 2025 Issued by: IBM SkillsBuild</p> <p>Verify: <a href="https://www.credly.com/badges/65e0b225-5301-4b1e-afcc-28ba50b31937">https://www.credly.com/badges/65e0b225-5301-4b1e-afcc-28ba50b31937</a></p> <p></p>
<p>In recognition of the commitment to achieve professional excellence</p> <p><b>Sanjay V</b></p> <p>Has successfully satisfied the requirements for:</p> <p>SkillsBuild - Customer Engagement: Problem Solving and Process Controls</p> <p>Issued on: Feb 07, 2025 Issued by: IBM SkillsBuild</p> <p>Verify: <a href="https://www.credly.com/badges/4448805-32b7-4652-b019-e011d4850206">https://www.credly.com/badges/4448805-32b7-4652-b019-e011d4850206</a></p> <p></p>	<p>In recognition of the commitment to achieve professional excellence</p> <p><b>Rushmitha Sebas S</b></p> <p>Has successfully satisfied the requirements for:</p> <p>SkillsBuild - Customer Engagement: Problem Solving and Process Controls</p> <p>Issued on: Feb 07, 2025 Issued by: IBM SkillsBuild</p> <p>Verify: <a href="https://www.credly.com/badges/1b494b14-9a3b-4022-8011-d2a0f0b06c1">https://www.credly.com/badges/1b494b14-9a3b-4022-8011-d2a0f0b06c1</a></p> <p></p>	<p>In recognition of the commitment to achieve professional excellence</p> <p><b>Rushmitha Sebas S</b></p> <p>Has successfully satisfied the requirements for:</p> <p>SkillsBuild - Customer Engagement: Communication and Personality Dynamics</p> <p>Issued on: Feb 07, 2025 Issued by: IBM SkillsBuild</p> <p>Verify: <a href="https://www.credly.com/badges/e07424e6-6162-403e-8f76-211d50219360">https://www.credly.com/badges/e07424e6-6162-403e-8f76-211d50219360</a></p> <p></p>
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The Department of Artificial Intelligence and Data Science proudly acknowledges the remarkable achievement of our students **Rushmitha Sebas, Russana Mary, Sanjay, Varsini** who have successfully completed specialized courses in IBM. Through this prestigious program, students have gained in-depth knowledge and hands-on experience in machine learning, deep learning, big data analytics, and AI-driven solutions. This accomplishment reflects their dedication to mastering advanced technologies and applying them to real-world challenges. Their success not only strengthens their expertise but also contributes to the department's vision of fostering innovation and excellence in the ever-evolving field of AI and data science.



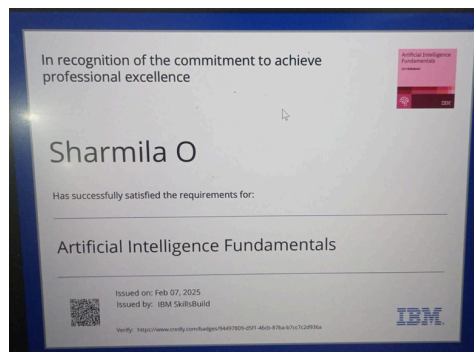
# STUDENT ACHIEVEMENTS



The Department of Artificial Intelligence and Data Science proudly recognizes the outstanding achievements of our student **Maguvarshini** who have actively participated in **Hackerz** and **Unstop Quiz** competitions and successfully completed a specialized course in **IBM**. Through these experiences, students have honed their problem-solving skills, deepened their understanding of AI, machine learning, and data science, and gained hands-on expertise in cutting-edge technologies. Their dedication to learning and competitive excellence reflects the department's commitment to fostering innovation, critical thinking, and real-world application of AI and data science concepts.



# STUDENT ACHIEVEMENTS



The Department of Artificial Intelligence and Data Science proudly acknowledges the achievements of our students **Sharmila**, **Gopisetty Pardhavika**, **Joshva** who actively participated in **Unstop** and successfully completed a specialized course in **IBM**. Their dedication to learning and applying AI, machine learning, and data science concepts demonstrates their commitment to excellence. By engaging in competitive platforms and advanced coursework, they have gained valuable insights and hands-on experience, strengthening their problem-solving skills and technical expertise. This accomplishment highlights the department's focus on fostering innovation and preparing students for real-world challenges in the ever-evolving field of AI and data science.



# STUDENT ACHIEVEMENTS



The Department of Artificial Intelligence and Data Science proudly recognizes the achievements of our students **Joshva**, **Gopisetty Pardhavika**, **Arun** actively participated in the **MyGov Quiz** and **NXT Wave Podcast**, showcasing their enthusiasm for continuous learning and knowledge-sharing. Additionally, their successful completion of the **Java course in CodSoft** demonstrates their commitment to enhancing their programming skills and technical expertise. These accomplishments reflect the department's dedication to fostering a culture of innovation, problem-solving, and hands-on learning, preparing students for real-world challenges in the ever-evolving landscape of technology.



# STUDENT ACHIEVEMENTS




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**Department of Artificial Intelligence and Data Science**

**Blockathon at Sri Eshwar Engineering College, Coimbatore**

Problem Statement : **Multi transcript audio tool for Cyberpolice**  
 Solution Developed: **ResQsense**

**20/02/2025**




**S.Madhu Sankar**  
**J.Joyner Johnraj**  
**Aravinth Ram S**  
**Pugalesan I(CSE)**






4<sup>TH</sup> PLACE

III Year  
ADS &  
CSE


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*The Choice of  
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Three of our III-year ADS students — **S. Madhu Shankar, J. Joyner Johnraj, and Aravinth Ram S** — participated in the **Blockathon** held at **Sri Eshwar Engineering College, Coimbatore**, where they worked on the Problem Statement "Multi-transcript audio tool for Cyberpolice" and developed a solution named ResQsense. Competing against 20 teams, our students secured 4th place and were recognized among the top 5 teams. They received a special prize, which included a trophy, a Best Innovative Idea certificate, and a participation certificate.




# STUDENT ACHIEVEMENTS







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**Department of Artificial Intelligence and Data Science**  
**SSN College Student Branch IEEE**  
**Vortex Hackathon**





**Cash Prize of**  
**Rs.4000/-**



**Team Members :**  

Jeevia Harshini M	ADS II <sup>nd</sup> year
Mirdula C	ADS II <sup>nd</sup> year
Ashwin S I	CSE II <sup>nd</sup> year
Abdul Aziz M A	CSE II <sup>nd</sup> year

**Best Software  
Project Prize**



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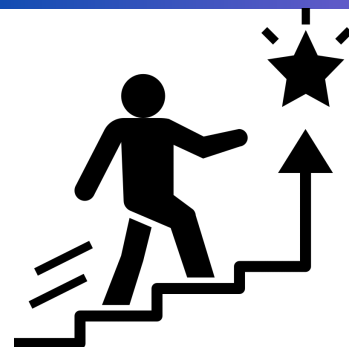



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Two of our II-year ADS students — **Jeevia Hashini M** and **Mirdula C** — participated in the **Vortex Hackathon** organized by the **IEEE Student Branch of SSN College of Engineering, Chennai**. They secured 1st place in the **Best Software Project** category and were awarded a cash prize of **₹4,000/-** for their outstanding performance.



# STUDENT INTERNSHIP WITH STIPEND



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**Department of Artificial Intelligence and Data Science**

**Stipend Rs.10,000/- Per month**

**(Batch 2022 - 2026)**

**INTERN AT CIX**

**Kavinmathi V** **Arockia Fransicka W** **Bharath A I**

**Gabriel Alwin Varun** **Madhu Sankar S**

**Engineering Intern**

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**Kavinmathi V, Arockia Fransicka W, Bharath A I, Gaberial Alwin Varun, and Madhu Shankar S, all III-year ADS students, have secured internships as Engineering Interns at CIX. They will receive a monthly stipend of ₹10,000. This internship offers them valuable industry exposure and hands-on experience. Their achievement reflects their strong technical skills and dedication.**



# Student Paper Publication


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**Department of Artificial Intelligence and Data Science**

**7<sup>th</sup> International Conference on Communication and Computational Technologies (ICCCT 2025)**  
**Empowering Voice Biometrics: A Comprehensive Approach with the XEUS Model**





**National Forensic Sciences University  
Goa Campus, India.**  
**M Balasubramanian      Gnanamoorthy P V**  
**Harshini K N**

**February 14-15, 2025**




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Our third-year students **M. Balasubramanian, P. V. Gnanamoorthy, and Harshini K N** from the Department of Artificial Intelligence and Data Science successfully presented their paper titled "Empowering Voice Biometrics: A Comprehensive Approach with the XEUS Model" at the 7th International Conference on Communication and Computational Technologies (ICCCT 2025) held at National Forensic Sciences University, Goa Campus, India.



# Memorandum of Understanding (MOU)


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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

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**INDUSTRIAL COLLABORATION**  
**Memorandum of Understanding (MOU) With**  
 **GUVI** |  **HCL**  
*Skill Up. Level Up*




**MOU Outcomes**  
 Internship  
 Ed-Tech platform  
 Industrial Visit  
 Value Added Course



**Date : February 06, 2025**


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The Department of Artificial Intelligence and Data Science (ADS) has signed an **MoU with GUVI HCL** on **06/02/2025**, unlocking valuable opportunities for both students and faculty. Key outcomes of this collaboration include **internships** providing access to an **EduTech platform** and **hands-on industry exposure** and the possibility of establishing an incubation center on campus. The partnership also promotes faculty training programs to help educators stay updated with emerging industry trends. Overall, this collaboration enhances industry-academia engagement, driving innovation, skill development, and career growth.



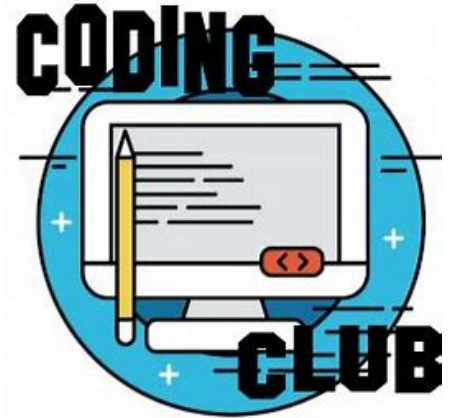
# SEERA CLASSES



**On February 07, 2025 and February 28, 2025 Seera classes were held for our II Year ADS students. The training sessions were categorized into targeted areas, including High package placement, ABHS and communication. This focused approach aimed to equip students with essential skills and prepare them for their upcoming career challenges and opportunities.**



# CLUB ACTIVITY



The Coding Club for II Year conducted a **Coding Competition** on **22/02/2025**, showcasing the technical skills and problem-solving abilities of our students.

The winners were: **Bharath S**, who secured the **First Prize**, followed by **Guru Prasad B** winning the **Second Prize**, and **Tamilselvan P** claiming the **Third Prize**. Congratulations to all the winners for their impressive performance and dedication.





**Our department's II Year students and faculty recently participated in NGO visits to engage with social organizations and witness their impactful work.**

### **NGO Visit on Saturday, 8th February 2025**

- 📍 **Webb's Memorial Orphanage, St.Thomas Mount**
- 📍 **Annai Parvaiyatr, Pallikaranai**

**During these visits, students and faculty distributed food and groceries, and actively engaged in various activities with the residents. These interactions offered valuable insights into the lives of those in need and emphasized the importance of social responsibility.**



# EXPERT TALK

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

## EXPERT TALK

TOPIC : *STARTUP SECRETS: WHAT WORKS, WHAT FAILS*



**K C PRAVIN KUMAR**  
CHIEF OF STAFF  
SAAMA TECHNOLOGIES  
OLYMPIA TECHNOLOGY PARK

**Venue: AV HALL - 1**  
**Date : February 05 , 2025**


**II Year ADS**



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

**05/02/25** **EXPERT TALK** 



**K C Pravin Kumar**  
**Chief of Staff**  
**Saama Technologies**  
**Olympia Technology Park**

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The ADS Department conducted an Expert Talk on February 5, 2025, with Mr. K.C. Pravin Kumar, Chief of Staff at Saama Technologies, Olympia Technology Park, delivering a session on "Startup Secrets". He offered valuable insights into industry processes and highlighted key trends shaping the technology landscape.



# WORKSHOP FOR SCHOOL STUDENTS


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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

## IGNITING YOUNG MINDS

Workshop for  
School Students

**Nurturing the Value of  
Artificial Intelligence**

**21/02/2025**

Green Valley Central School, Mogappair West, Chennai  
**Class 12**






**Topics Covered:**

- Project Demonstration on ML-IoT Agriculture System
- Pose Detection & Correction using OpenCV
- Travel Itinerary generator using GenAI
- Demo on AI Tools


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The faculty and students of the ADS Department conducted a workshop titled **"Igniting Young Minds"** at **Green Valley Central School, Anna Nagar**, for XI and XII standard students. The workshop focused on Introduction to AI, ML, and DL, providing students with a glimpse into emerging technologies. As part of the session, project demonstrations were given on topics such as **ML-IoT Agriculture System**, **Pose Detection and Correction using OpenCV**, **Travel Itinerary Generator using GenAI**, and **Image Classification Systems**. The event also featured a live demo on popular AI tools, giving students hands-on exposure to cutting-edge innovations.





# SkillRack Toppers

## Final Year (2021-2025)

S.No	Name	Programs Solved	Bronze	Skill Rack Rank
1	SRIHARI R	2258	1317	1494
2	DHANESH C	2109	1075	1949
3	KIRUTHIKA P	1277	366	8860
4	RINITH Y	1172	536	11211
5	LEO S	1156	603	12012

## Third Year (2022-2026)

S.No	Name	Programs Solved	Bronze	Skill Rack Rank
1	YADAV PRASAD G B	2391	1201	1225
2	KATHIRAVAN B	2009	990	2306
3	PRAVEEN S	1909	974	2746
4	BALASUBRAMANIAN M	1491	551	5974
5	LANKESH M	1364	666	7723

## Second Year (2023-2027)

S.No	Name	Programs Solved	Bronze	Skill Rack Rank
1	MARIA PETER RUFIN M	1761	477	3543
2	RISHINI DHARAN T	1682	506	4058
3	SABARISH S	1652	423	4276
4	ROHITSURYA A T	1622	489	4563
5	INFANT JOEL E	1529	363	5545

**Our students have consistently excelled in coding and problem-solving on SkillRack, securing the top five positions. Their dedication to upskilling has truly paid off. Congratulations to all our achievers for this outstanding accomplishment!**



# GUEST LECTURE





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## GUEST LECTURE

ARTIFICIAL INTELLIGENCE  
HOW INDUSTRY SOLVES REAL WORLD  
PROBLEMS








**VIGNESH RAM**  
Senior Machine Learning Engineer  
Ensylon India Private Limited  
03-02-2025

**DATE :03/02/2025**  
**VENUE: AV HALL 1**  
**TIME:10:00 TO 11:40AM**



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**A Guest Lecture was conducted for our II-year students on 03/02/2025, featuring Mr. Vignesh Ram, Senior Machine Learning Engineer at Ensylon India Private Ltd. During the session, he provided valuable insights on how industries approach and solve real-world problems using Machine Learning and AI technologies. This interactive session helped students bridge the gap between theory and practical applications, enhancing their understanding of industry practices and expectations.**



# GUEST LECTURE



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**Department of Artificial Intelligence and Data Science**

**GUEST LECTURE**

Date : 24/02/2025

**II Year ADS**

**GenAI and Prompt Engineering**

**Mrs. RAJI NARAYANASAMY**  
Manager (Learning and Development)  
Movate Technologies (Formerly CSS Corp)  
Chennai

Time: 9:40 A.M to 11:40 A.M Venue: AV HALL 1

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**Department of Artificial Intelligence and Data Science**

**GUEST LECTURE ON GENAI AND PROMPT ENGINEERING**

DATE: 24.02.2025



- Understanding GenAI
- Effective Prompt Engineering
- Hands-on Demonstration
- Industry Relevance
- Interactive Q&A Session

**Mrs. RAJI NARAYANASAMY**  
Manager (Learning and Development)  
Movate Technologies (Formerly CSS Corp)  
Chennai

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A Guest Lecture was conducted for our II-year students on 24/02/2025, featuring Mrs. Raji Narayanasamy, Manager-Learning and Development at Movate Technologies. During the session, she shared valuable insights on industry expectations, essential skills for career growth, and strategies to enhance employability. The session provided students with practical knowledge, helping them understand how to bridge the gap between academic learning and industry requirements.



# TECHSTROM



## A Brainstorming Session to HackIndia 2025



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**Department of Artificial Intelligence and Data Science**

Organizes

### TECHSTROM

A Brainstorming session to HackIndia 2025 Hackathon



**Jerrish Bright J M**  
 Batch : 2021-2025  
 Placed at Mindtree

**Date : 14/02/2025**  
**Venue : AV Hall 1**  
**Time : 1:00 - 3:00 PM**

**Topics Covered :**

- Intro to Web3 Hackathons – How they work, what to expect, and why they matter.
- Blockchain & Smart Contracts 101 – Basics & key concepts.
- Hands-on Activity – Live coding or showcasing an existing project.
- Winning Strategies – Picking problems, team dynamics, tech stack, presentation tips & bounties.
- Final AMA – Open Q&A for insights and guidance.



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**A Brainstorming Session was conducted by our final-year student Jerrish Bright J M on 14/02/2025 for the participants of HackIndia 2025. The session covered key topics such as Introduction to Web3, Blockchain, and Smart Contracts, along with a hands-on activity to enhance practical understanding. Jerrish also shared valuable winning strategies, equipping participants with the right mindset and techniques to excel in the hackathon.**



# ONLINE EXPERT TALK



## An Online Session to HackIndia 2025 Participants

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**Department of Artificial Intelligence and Data Science**  
Online Expert Talk for HACKINDIA 2025 Participants  
"Blockchain and Smart Contracts: The Backbone of Web3"

**EXCLUSIVE GUIDE FOR HACKINDIA 2025 PARTICIPANTS**  
HACKINDIA

**Insights on**

- AI Agents
- Web3
- Blockchain

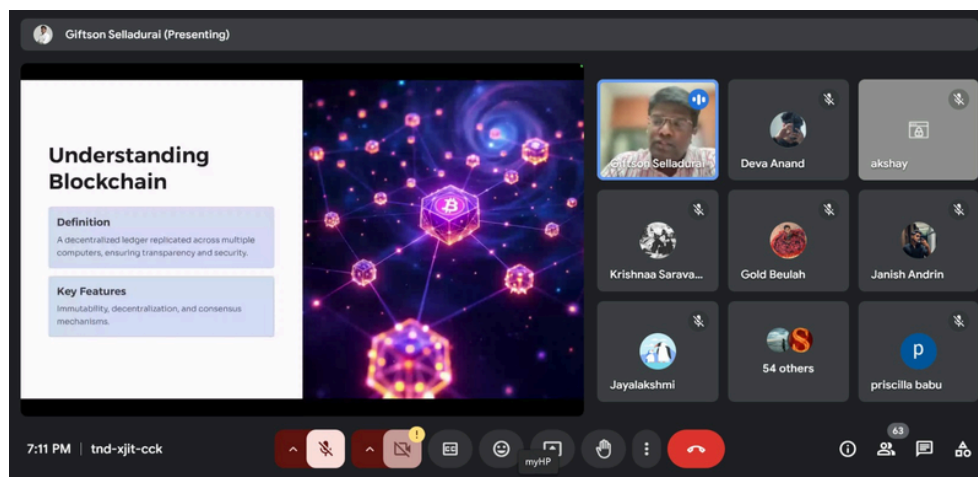
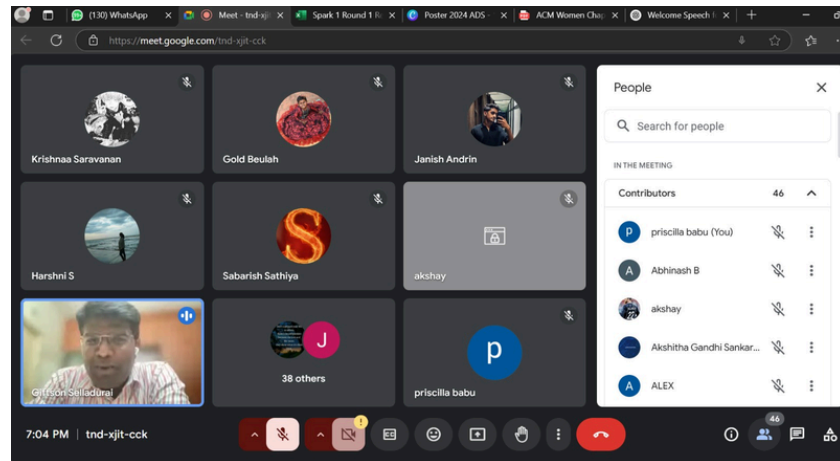
**Giftson Selladurai**  
CEO  
Ruah Tech Solutions

**Open to All Innovators!**

**Date : 24/02/2025**  
**Time: 7:00 P.M to 8:00 P.M**  
<https://meet.google.com/qow-ymse-kxk>

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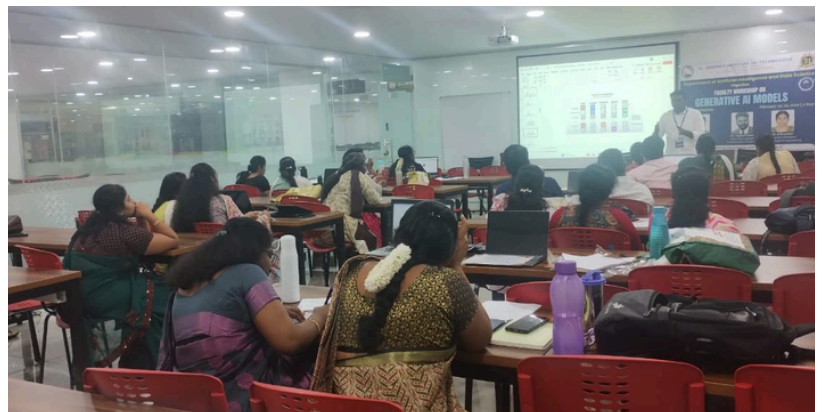
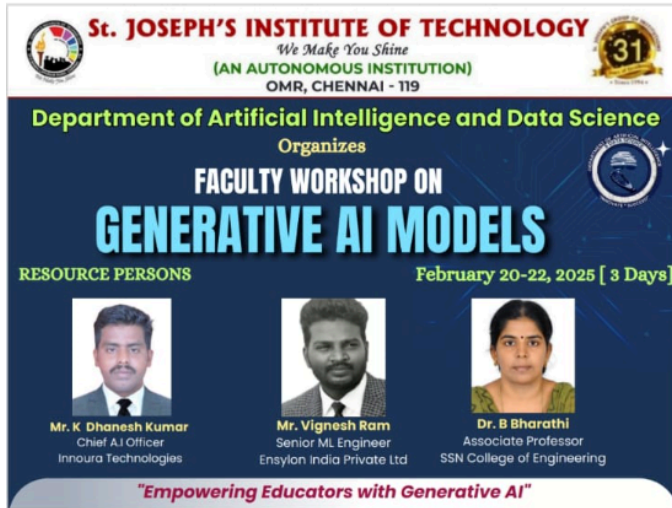
**The Choice of Disciplined Toppers**



An Online Expert Talk was conducted by Mr. Giftson Selladurai on 24/02/2025 for the participants of HackIndia 2025. The session focused on key emerging technologies, including Introduction to Web3, Blockchain, and AI Agents. Through this talk, participants gained valuable insights into the foundational concepts, real-world applications, and future potential of these technologies, helping them enhance their knowledge and prepare for innovative problem-solving during the hackathon.



# FACULTY WORKSHOP ON GEN AI



The ADS Department organized a **Three-days Faculty Workshop on Generative AI Models**, bringing together experts from both academia and industry to share their insights. The resource persons included **Dr. B. Bharathi**, Associate Professor, SSN College of Engineering, **Mr. Vignesh Ram**, Senior ML Engineer, Ensylon India Private Ltd, and **Mr. K. Dhanesh Kumar**, Chief AI Officer, Encipher Health Inc. The workshop saw active participation from 50 faculty members, who gained valuable knowledge on the latest advancements and applications in Generative AI Models, enriching their teaching and research perspectives.



# INDUSTRIAL VISIT



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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

**INDUSTRIAL VISIT**





February 25, 2025



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Our II-year ADS students had the opportunity to go on an **Industrial Visit** on **25/02/2025 & 26/02/2025** to **Microsoft Corporation India Pvt. Ltd., Chennai**. During the visit, students gained valuable insights about Microsoft's work culture, cutting-edge technologies and innovative solutions. The **session also covered real-world applications of AI and Cloud Technologies**, giving students a glimpse into the practical side of the tech industry. This visit provided an excellent learning experience, helping students understand industry expectations and how they can align their skills and knowledge to meet those standards.



# HACKINDIA 2025



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

ORGANIZING

**REGISTER!**

**INDIA'S LARGEST WEB3 & AI HACKATHON**  
(24 Hour Hackathon in collaboration With C# Corner)

**February 28 - March 1**

Registration Closes : Feb 19

**THEME**  
WEB3 & AI TOOLS

**HACKINDIA 2025**

Certificates for all participants

**PRIZES!**

1 ₹ 9000/-  
2 ₹ 7000/-  
3 ₹ 5000/-

**EXCITING SWAGS!**

- HACKINDIA BRANDED EXCLUSIVE T-SHIRT
- PRINTED CERTIFICATES
- STATIONERY ITEMS
- WHOOPING 1000 SHARP TOKENS)
- I-CARD BADGE
- LAPTOP STICKERS

**HACKINDIA IGNITE (DELHI FINALS)**  
TOP THREE WINNERS TAKEN TO DELHI  
Prize Pool \$ 150K

SingularityNET RAIR Stratis Alchemy akash CSHARP CSHARP.TV Sharp Economy

**HACKINDIA** SingularityNET

**HackIndia 2025**  
India's Biggest Web3 & AI Hackathon  
February 28- March 01

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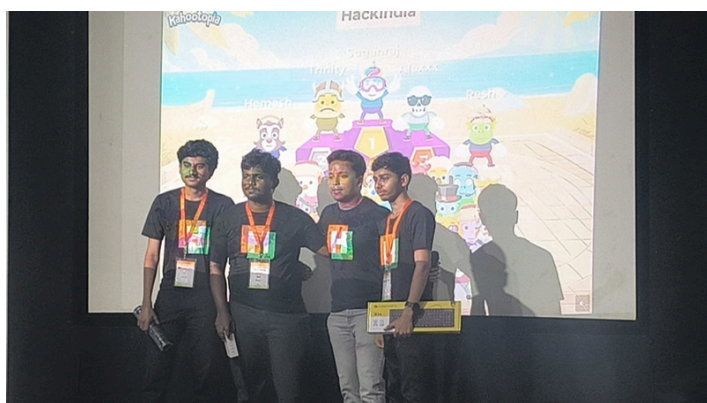
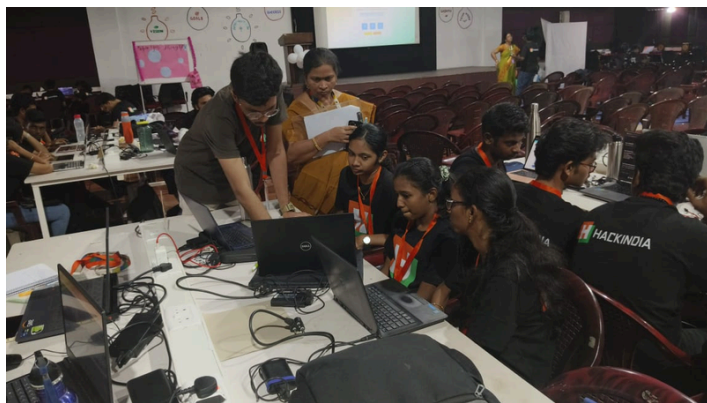
**#HackIndia2025**

RAIR CSHARP Stratis alchemy akash Sharp Economy CSHARP.TV





# HACKINDIA 2025





# HACKINDIA 2025





# HACKINDIA 2025



## HackIndia 2025 – India's Biggest Web3 and AI Premier Hackathon

Department of Artificial Intelligence and Data Science

Date: 28/02/2025 & 01/03/2025

The Department of Artificial Intelligence and Data Science proudly hosted **HackIndia 2025**, India's biggest Web3 and AI premier hackathon event. This landmark event, organized in collaboration with **C# Corner**, marked the first-ever Regional Spark conducted at our institution, making it a prestigious milestone in our academic calendar.

The inaugural ceremony was graced by **Mr. Mastan Vali, Founder & CEO of Lean Impeccable Tech**, **Mr. Stephen Simson, Regional Director for C# Corner** and **Mr. Atul Gupta, VP Events, C# Corner**, who shared valuable insights on innovation, technology and the importance of fostering creativity through hackathons.

The valedictory ceremony was honored by **Mr. Giftson Chelladurai, CEO & Founder of Ruah Tech Solutions, Australia**, who commended the participants for their outstanding performance and innovative solutions.

### Participation Overview:

The hackathon saw overwhelming participation with a total of 49 teams, including:

- 22 teams from St. Joseph's Institute of Technology
- 27 teams from St. Joseph's College of Engineering
- Total student participants: 184 students

### Domains Explored:

The participating teams showcased their talent and creativity in cutting-edge domains such as:

- ✓ Machine Learning
- ✓ Artificial Intelligence
- ✓ Blockchain
- ✓ Web3

### Competition Structure:

The event was conducted across three rigorous rounds, testing the teams' technical skills, innovation, and problem-solving abilities. After intense competition, the Top 12 teams advanced to the final presentation round, where they presented their innovative solutions to an expert panel. Finally, the Top 3 teams were declared the winners of HackIndia 2025, setting a benchmark of excellence for future participants.

The **Top 3 winning teams** have now earned the prestigious opportunity to participate in **HACKINDIA IGNITE, the Grand Finale in Delhi**, where they will compete at the national level for a prize pool of \$150,000 USD.



# PLACEMENT TRAINING PROGRAM



The Centre for Training and Placement conducted a **Placement Training Programme** for our III-year students in the month of February, focusing on Aptitude, Full Stack and Java Programming. The training was facilitated in collaboration with technical partners — FACE, SixPhrase and Aptitude Guru. This programme aimed to enhance students' technical and problem-solving skills, equipping them with the necessary competencies to excel in campus recruitment processes and industry placements.





# STAFF ACHIEVEMENTS

## Patent Publications



<p>(1) PATENT APPLICATION NO. 202511009522 A          (2) TITLE: SYSTEM AND METHOD FOR AI-DRIVEN GENOMICS-BASED ORGAN TRANSPLANTATION AND COMPATIBILITY ASSESSMENT          (3) INVENTOR: DR. M. K. KIRUBAKARAN          (4) APPLICANT: DR. M. K. KIRUBAKARAN          (5) ADDRESS: DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, SRM K J Somaiya Institute of Technology and Management, W-1, Sector 10, Gurgaon, Haryana, India          (6) PHONE: +91 98980 98980          (7) E-MAIL: kirubakaran.m@srmsomaiya.edu.in          (8) ADDRESS FOR CORRESPONDENCE: DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, SRM K J Somaiya Institute of Technology and Management, W-1, Sector 10, Gurgaon, Haryana, India          (9) PRIORITY CLAIM: None          (10) ABSTRACT: The present invention is an artificial intelligence (AI) based system and method for assessing compatibility between organ donors and recipients. The system leverages artificial intelligence (AI) and genomics data to enhance the accuracy and efficiency of organ transplantation by assessing compatibility between donors and recipients. The system includes a database of organ donor and recipient information, a machine learning model for predicting compatibility, and a user interface for inputting donor and recipient information. The system is designed to be used by medical professionals to assess the compatibility of organ donors and recipients, thereby improving the success rate of organ transplantation.</p>	
<p>(11) INVENTOR'S DECLARATION: I, the undersigned, do hereby declare that I am the sole inventor of the invention described in the foregoing specification, and I am the owner of the same. I have made this declaration in accordance with the provisions of the Patents Act, 1970, and I am aware of the legal consequences of this declaration.</p>	
<p>(12) INVENTOR'S SIGNATURE: _____          (13) DATE: 21/02/2025</p>	

The Patent Office Journal No. 08/2025 Dated 21/02/2025

18440

**Dr M K Kirubakaran**

**Assistant Professor, Department of Artificial Intelligence and Data Science**

**Dr M K Kirubakaran, has recently published a patent **SYSTEM AND METHOD FOR AI-DRIVEN GENOMICS-BASED ORGAN TRANSPLANTATION AND COMPATIBILITY ASSESSMENT**. This innovative system leverages artificial intelligence and genomics data to enhance the accuracy and efficiency of organ transplantation by assessing compatibility between donors and recipients.**

**Patent Details:**

**Patent Title:** **SYSTEM AND METHOD FOR AI-DRIVEN GENOMICS-BASED ORGAN TRANSPLANTATION AND COMPATIBILITY ASSESSMENT**

**Application Number:** **202511009522 A**

**Date of Publication:** **21/02/2025**



## STAFF ACHIEVEMENTS



## Patent Publications



Application Details	
APPLICATION NUMBER	202541013290
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/02/2025
APPLICANT NAME	1. MOHAN CHINNAGAMY 2. Saranya P 3. Dhya C 4. Harsh P 5. Priya SB
TITLE OF INVENTION	ENHANCED SAFETY AND MONITORING SYSTEM FOR SMART FRUIT QUALITY ASSURANCE
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	mohanc@stjosephstechnology.ac.in
ADDITIONAL-EMAIL (As Per Record)	mohanc@stjosephstechnology.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (IJS 11A)	21/02/2025

Application Status	
APPLICATION STATUS	Awaiting Request for Examination

[View Documents](#)

**Mrs. PRIYA S B**

**Assistant Professor, Department of Artificial Intelligence and Data Science**

**Mrs. Priya S B, has recently published a patent **ENHANCED SAFETY AND MONITORING SYSTEM FOR SMART FRUIT QUALITY ASSURANCE**. This innovation focuses on improving the safety, monitoring, and quality assessment of fruits using smart technologies, contributing to advancements in agriculture and food technology.**

**Patent Details:**

**Patent Title: ENHANCED SAFETY AND MONITORING SYSTEM FOR SMART FRUIT QUALITY ASSURANCE.**

**Application Number: 202541013290**

**Date of Publication: 21/02/2025**





# STAFF ACHIEVEMENTS

## Faculty Development Programme



Mrs. P. Chitra, faculty member from the Department of Artificial Intelligence and Data Science, successfully participated in and completed a **Faculty Development Program (FDP) on Cyber Security & Ethical Hacking**. The program was held from February 26 to 28, 2025, and was conducted by the Department of Computer Science and Engineering at St. Joseph's Institute of Technology, Chennai. This FDP provided valuable insights into cybersecurity practices and ethical hacking techniques

## Paper Publication

Dr.M.K.Kirubakaran presented a research paper at the 3rd International Conference on Innovative Materials and Smart Solutions for Sustainability (ICIMSSS-24) held at **KSR College of Engineering, Namakkal**. This participation highlights his contribution to advancing research in the field of innovative materials and sustainable solutions, showcasing our faculty's commitment to academic excellence and knowledge dissemination at global platforms.

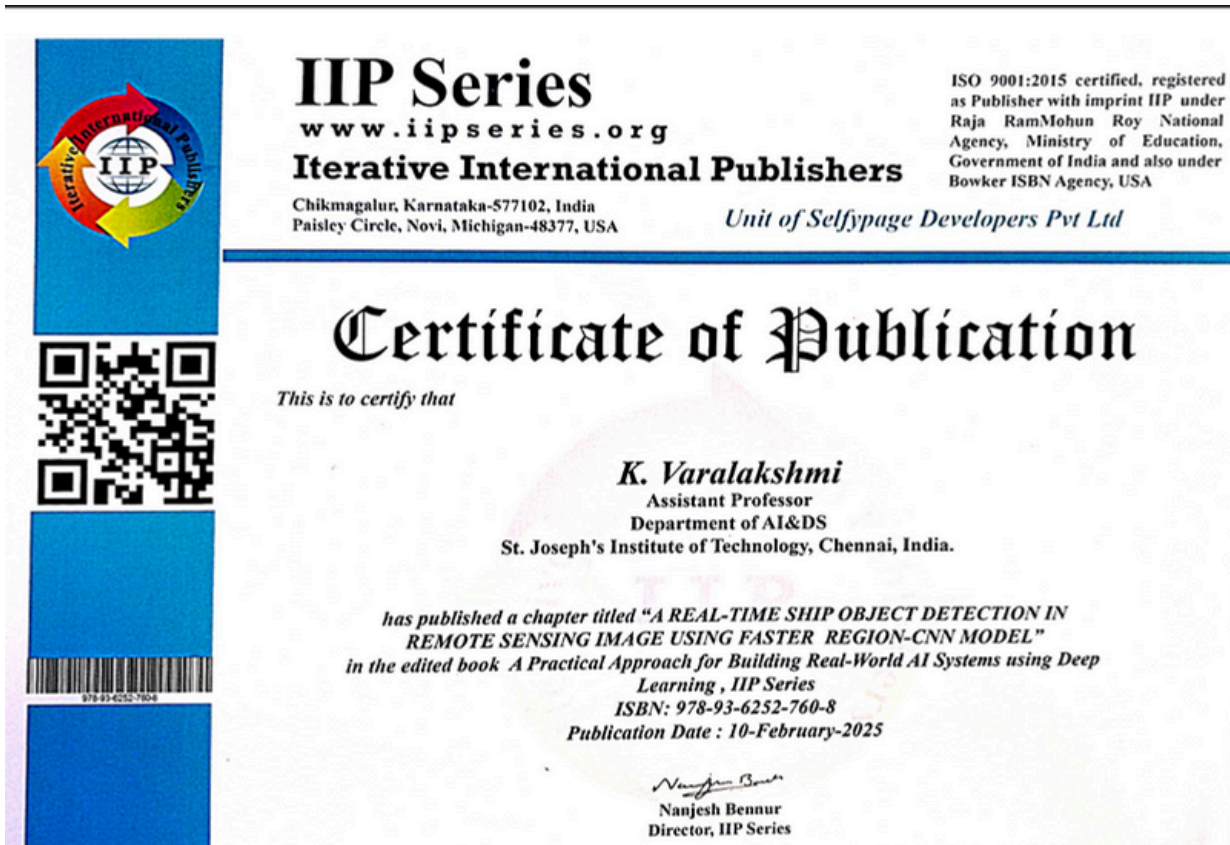






# STAFF ACHIEVEMENTS

## BOOK CHAPTER



**Mrs. K. Varalakshmi** has published a Book titled “A Practical Approach to Building Real-world Systems Using Deep Learning,” which includes her contribution to a Book chapter titled “Real-time Ship Object Detection in Remote Sensing Image using Faster R-CNN Model.”

**ISBN No: 13-935826-350-6**

Her contribution focuses on developing a real-time ship detection model using the Faster R-CNN algorithm, significantly improving accuracy and efficiency in maritime surveillance applications. This achievement highlights her expertise in deep learning and her commitment to impactful research and innovation.



# INDUSTRY INTERACTION




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## INDUSTRY INTERACTION



Greatify.ai is an AI-powered SaaS platform launched in 2021, dedicated to revolutionizing education by creating paperless campuses and offering personalized learning solutions. The platform provides a suite of tools designed to enhance the educational experience for students, educators, and institutions.



Interacted with **Kiran Dhamodaran** , Cluster Manager of Greatify.ai

**Outcomes :**

1. MOU
2. Placements
3. Incubation
4. Internships

**DATE : 04/02/2025**



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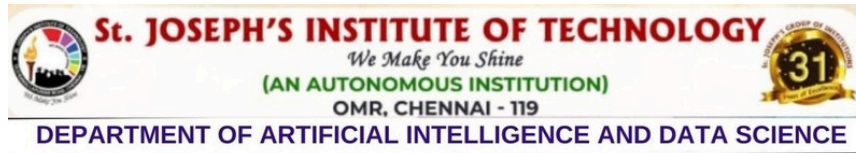



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**Dr. M.K. Kirubakaran**, faculty member from the Department of Artificial Intelligence and Data Science, visited **Graetify** on **04/02/2025**, where he had the opportunity to meet **Mr. Kiran Dhamodran, Cluster Manager**. The visit provided a valuable platform for discussions on industry-academia collaboration, exploring potential internship opportunities, student projects, and future partnerships to enhance student industry exposure and practical learning experiences.



# INDUSTRY INTERACTION



## INDUSTRY INTERACTION

DATE : 14/02/2025

**Furtim** is a software development and software consultancy company, pioneer in design and delivering software solutions using latest and cutting-edge technologies. Specialized in design and implementation of private, public and hybrid cloud solutions.



**RAJESH VADIVELU**  
Solutions Architect  
Furtim Technologies Pvt Ltd



### Outcomes :

1. MOU
2. Placements
3. Incubation
4. Internships

### Specialties:

Software Solutions  
Cloud Services  
IT Infrastructure management  
Web Based Services



**Dr. M.K. Kirubakaran**, faculty member from the Department of Artificial Intelligence and Data Science, visited **Furtim Technologies Pvt Ltd** on 14/02/2025, where he had the opportunity to meet **Mr. Rajesh Vadivelu, Solutions Architect**. The visit served as a valuable interaction to explore potential collaborations, discuss emerging technologies, and identify opportunities for student internships, industry projects, and faculty upskilling initiatives, further strengthening industry-academia engagement.



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**Skypler AI**  
Build. Integrate. Innovate.

## INDUSTRY INTERACTION

**DATE : 20/02/2025**

**Skypler AI** an Artificial Intelligence Company specializing in Computer Vision and Machine Learning. Currently in the process of developing Computer Vision AI Software for Warehouses, Retail, Shopping Malls, Public Events, Construction, and Security Surveillance



**SRIRAM RAJAN**  
Co-Founder and CEO  
Skypler AI

Skypler AI has been Incubated  
@AnnaIncubationCell



**AIC - AU**  
INCUBATION FOUNDATION  
Supported by NIFT Arany, And Innovation Hub, Govt. of India

**Outcomes :**

1. Mentorship
2. Incubation
3. Internships

**Specialties:**

App Development Workflow

Custom Multi Agent Workflow

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**Dr. M.K. Kirubakaran**, faculty member from the Department of Artificial Intelligence and Data Science, visited **Skypler AI** on 20/02/2025, where he had the opportunity to meet **Mr. Sriram Rajan, CO-Founder and CEO**. The visit facilitated fruitful discussions on AI innovations, industry trends, and collaborative opportunities such as student internships, real-time projects, and expert sessions, further strengthening the department's industry connect and exposing students to cutting-edge advancements in AI.



# INDUSTRY INTERACTION




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## INDUSTRY INTERACTION

**DATE : 25/02/2025**

**Altrosyn is a leading provider of end-to-end AI-integrated technology solutions, delivering custom software development with cutting-edge AI and advanced data-driven insights.**



**Godwin Sam Josh**  
Co-Founder of Altrosyn

**Specialties:**

1. Full Stack Development
2. AI Integration
3. Cloud Solutions
4. Agile Methodology
5. SaaS Solutions

**Outcomes :**

1. MOU
2. Placements
3. Incubation
4. Internships

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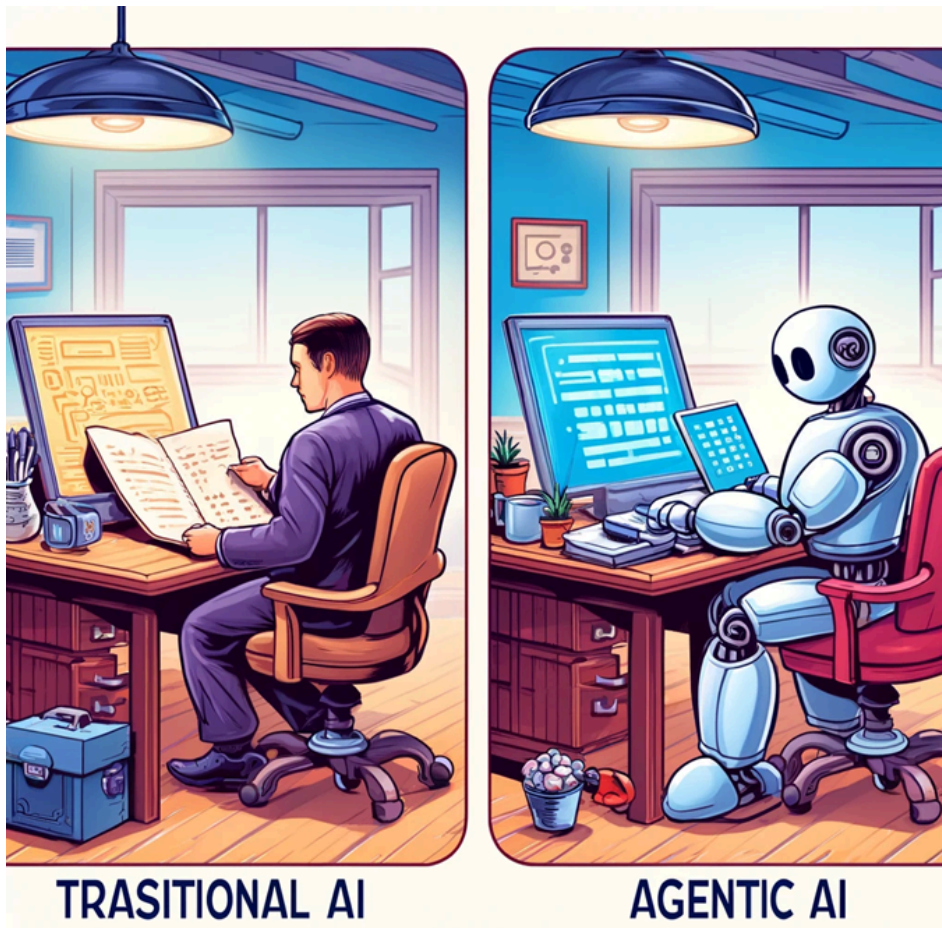

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**Dr. M.K. Kirubakaran**, faculty member from the Department of Artificial Intelligence and Data Science, visited **Altrosyn** on 25/02/2025, where he had the opportunity to meet **Mr. Godwin Sam Josh, CO-Founder**. During the visit, they discussed emerging trends in Artificial Intelligence, collaborative opportunities for research, and potential industry-academia partnerships to benefit students and faculty alike. The discussion also explored the integration of real-time industry projects into the curriculum to enhance practical learning. This visit marked a step toward fostering innovation-driven learning through industry collaboration.

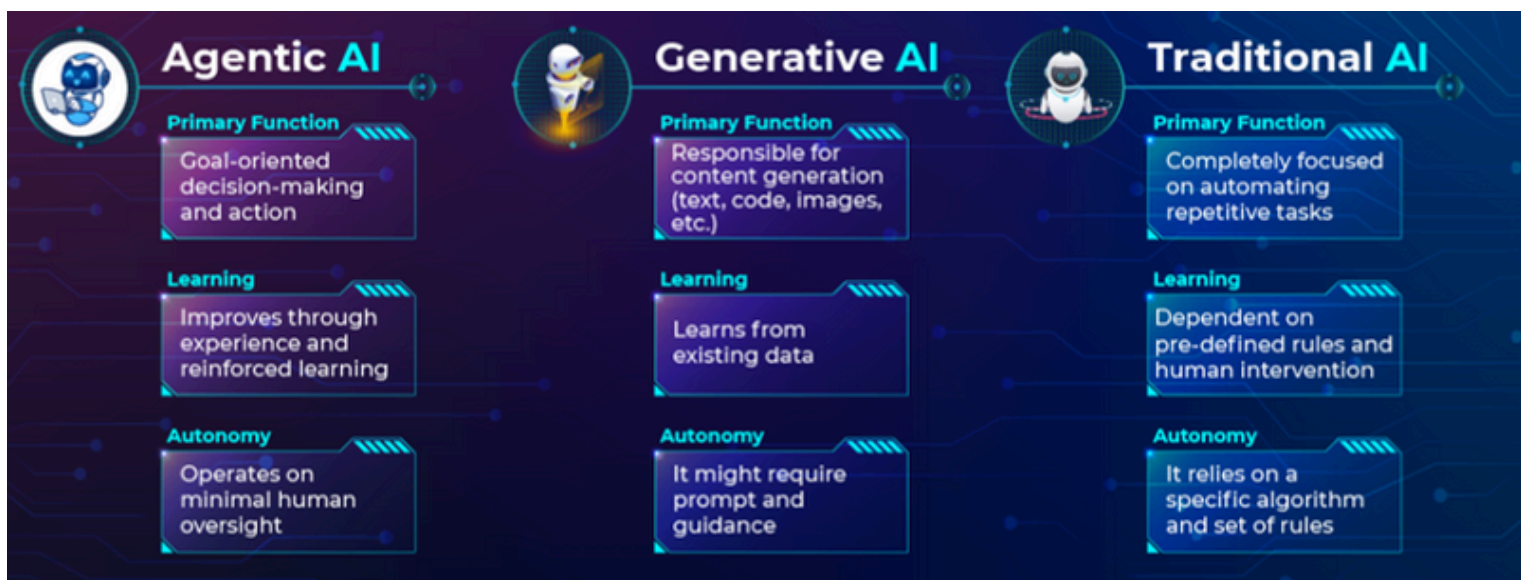


# EduTech Pioneers



TRASITIONAL AI

AGENTIC AI



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