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INNOVATION
COUNCIL**
(Ministry of Education Initiative)



SRI SAIRAM ENGINEERING COLLEGE, CHENNAI

FOURTH NATIONAL CONFERENCE ON ADVANCEMENT IN ARTIFICIAL INTELLIGENCE AND EMERGING TRENDS NCAA IET'25

Date: 11.09.2025

Venue: Apple hall

Duration: 9:00 AM – 4:00 PM

OBJECTIVE

The primary objective of the NCAA IET '25 conference is to create a focused platform for academics, researchers, and professionals to exchange and discuss the newest research, technological advancements, and practical applications across Artificial Intelligence (AI) and other emerging digital domains, such as data science, cybersecurity, and robotics.

BENEFITS

The key benefits of participating include the chance to publish and present research papers in the conference proceedings, acquire up-to-date knowledge on technological trends, and establish valuable networking connections with experts and peers in the field of AI and related technologies.

INTRODUCTION

NCAAJET'25

This report details the proceedings and key takeaways from the Fourth National Conference on Advancement in Artificial Intelligence and Emerging Trends (NCAAJET '25), organized by the Department of Artificial Intelligence and Data Science at Sairam Engineering College, Chennai. Held on September 11th, 2025, the conference served as a vital forum bringing together leading academics, researchers, and industry professionals to exchange insights, present cutting-edge research, and discuss the future landscape of Artificial Intelligence and related emerging technologies. This document summarizes the significant themes, papers presented, and overall contributions made to the current body of knowledge in AI, Robotics, Data Science, and other digital innovations.

PRE CONFERENCE TALK DETAILS :

The preparatory phase for NCAAJET '25 was initiated with a comprehensive series of Pre-Conference Online Talks, spanning three days from September 8th to September 10th, 2025, featuring six distinguished experts from both leading academic institutions and cutting-edge industry sectors. The talks commenced with Dr. K. Karnavel, Principal of Anand Institute of Higher Technology, and Mr. Ashvanth B, a Senior Associate in Technology Operations at MassMutual India, sharing their unique perspectives on Day 1. The momentum continued on Day 2 with valuable insights from Dr. Y. Srinivasa Rao, Vice Principal and Dean of Academics at Sardar Patel Institute of Technology, Mumbai, and Dr. S. Balakrishnan, Professor and Head of the Department of CSE at Aarupadai Veedu Institute of Technology (AVIT). Concluding the series on Day 3 were presentations by Dr. S. Saraswathi, a Professor at Saveetha School of Engineering, SIMATS, and Mr. Dishanth Gandhi, an AI Consultant and LLM Professional, who provided a forward-looking perspective on the practical and legal implications of Artificial Intelligence. Collectively, these online sessions served to effectively warm up the audience, covering a wide spectrum of theoretical foundations and practical applications of AI and emerging technologies, thus setting a strong academic and intellectual tone for the main conference.

PHOTOS OF PRE TALK SESSIONS

NCAA IET'25

Pre - Conference Talk Speakers (Online)

<p>Day 1 - 08.09.2025</p>  <p>Dr. K. KARNAVEL Principal Anand Institute of Higher Technology Kazhipattur</p>	<p>Day 2 - 09.09.2025</p>  <p>Dr. Y. SRINIVASA RAO Vice Principal, Dean of Academics Sardar Patel Institute of Technology Mumbai</p>	<p>Day 3 - 10.09.2025</p>  <p>Dr. S. SARASWATHI Professor Saveetha School of Engineering, SIMATS</p>
<p>Day 1 - 08.09.2025</p>  <p>Mr. ASHVANTH B Senior Associate, Technology Operations, MassMutual India</p>	<p>Day 2 - 09.09.2025</p>  <p>Dr. S. BALAKRISHNAN Professor and Head, Dept. of CSE, Aarupadai Veedu Institute of Technology (AVIT)</p>	<p>Day 3 - 10.09.2025</p>  <p>Mr. DISHANTH GANDHI AI Consultant, LLM Professional</p>

Yerramreddy Srinivasa Rao (Presenting)

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NCAAiet 25
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Homepage Forum Wiki Manjaro Discover Sof... Mozilla News WhatsApp Dashboard - Jenkins numpy full form - Yah... LinuxCommand.org...

Prof.S BalaKrishnan (Presenting)

2.1 Recent advancements in pre-training and fine-tuning techniques

1. Pre-training innovations
 - labs are exploring curriculum learning, domain-specific pre-training, and mixture-of-experts (MoE) architectures to achieve stronger performance with fewer resources
2. Fine-tuning advancements

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Prof.S BalaKrishnan

SUYASH B 2023-2027

7:23 PM 09/09/23

GUEST SPEAKERS DETAILS

The formal proceedings of the Fourth National Conference on Advancement in Artificial Intelligence and Emerging Trends (NCAA IET '25) were inaugurated by the esteemed Chief Guest, Ms. Indhu GR, Technical Lead at HTC Global Services, Chennai, alongside Dr. R. Augustian Isaac, Associate Professor in the Department of AIML at Saveetha Engineering College. Their presence and inaugural addresses provided a critical kick-off to the event, blending deep industrial experience with significant academic research in the field of Artificial Intelligence. Concluding the conference, the Valedictory Function was graced by another accomplished pair of industry and academic leaders: Mr. Nandakumar E, Architect at Cognizant Technology Solutions, and Dr. A. Abirami, Assistant Professor in the Department of CSE at SRM Easwari Engineering College. These closing addresses, combining perspectives on cutting-edge industry architecture and emerging academic trends, successfully summarized the event's achievements and offered a forward-looking vision to the assembled researchers and participants.

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Cordially invites you for the
**FOURTH NATIONAL CONFERENCE ON
ADVANCEMENT IN ARTIFICIAL INTELLIGENCE
AND EMERGING TRENDS
NCAA IET '25**

Inaugural on Thursday, 11th September, 2025 @ 09:30 AM
Venue : Apple Hall

Ms. INDHU GR
Technical Lead
HTC global services,
Chennai

Dr. R. AUGUSTIAN ISAAC
Associate Professor,
Dept. of AIML
Saveetha Engineering College

have graciously consented to serve as the chief guest and will deliver the inaugural address

Valedictory @ 2.30 PM

Mr. NANDAKUMAR E
Architect
Cognizant Technology Solutions

Dr. A. ABIRAMI
Assistant Professor, Dept. of CSE
SRM Easwari Engineering College
(Autonomous)

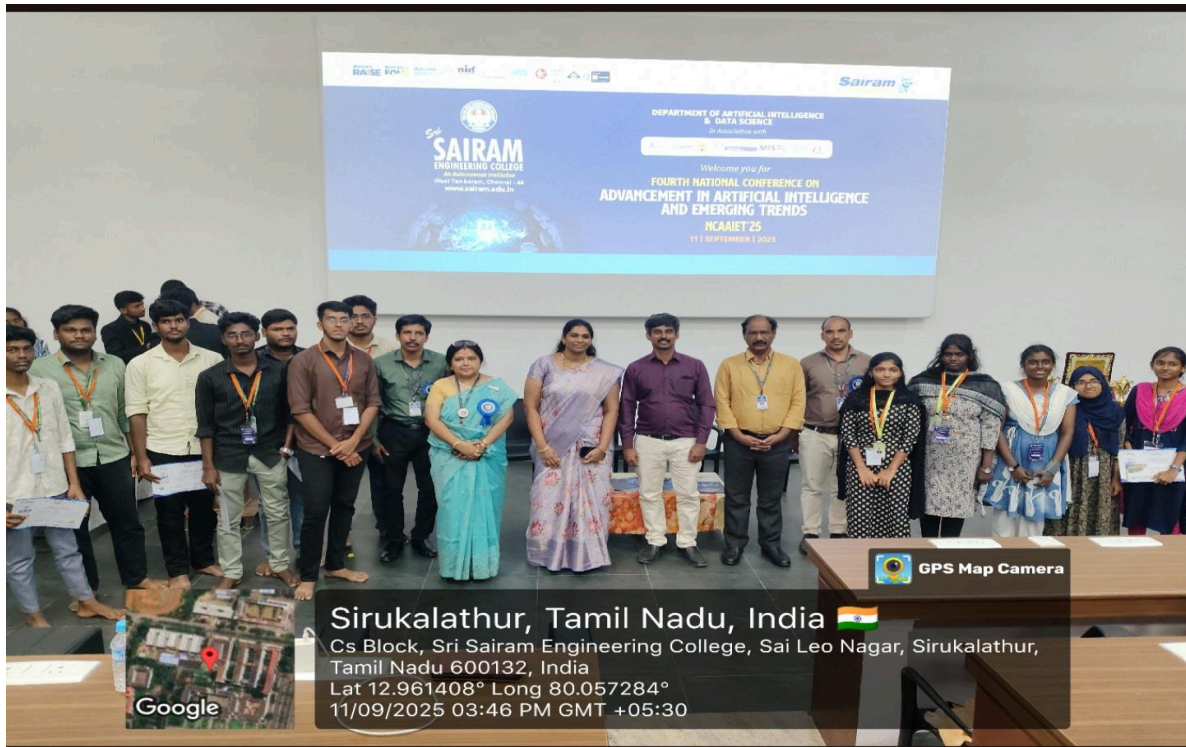
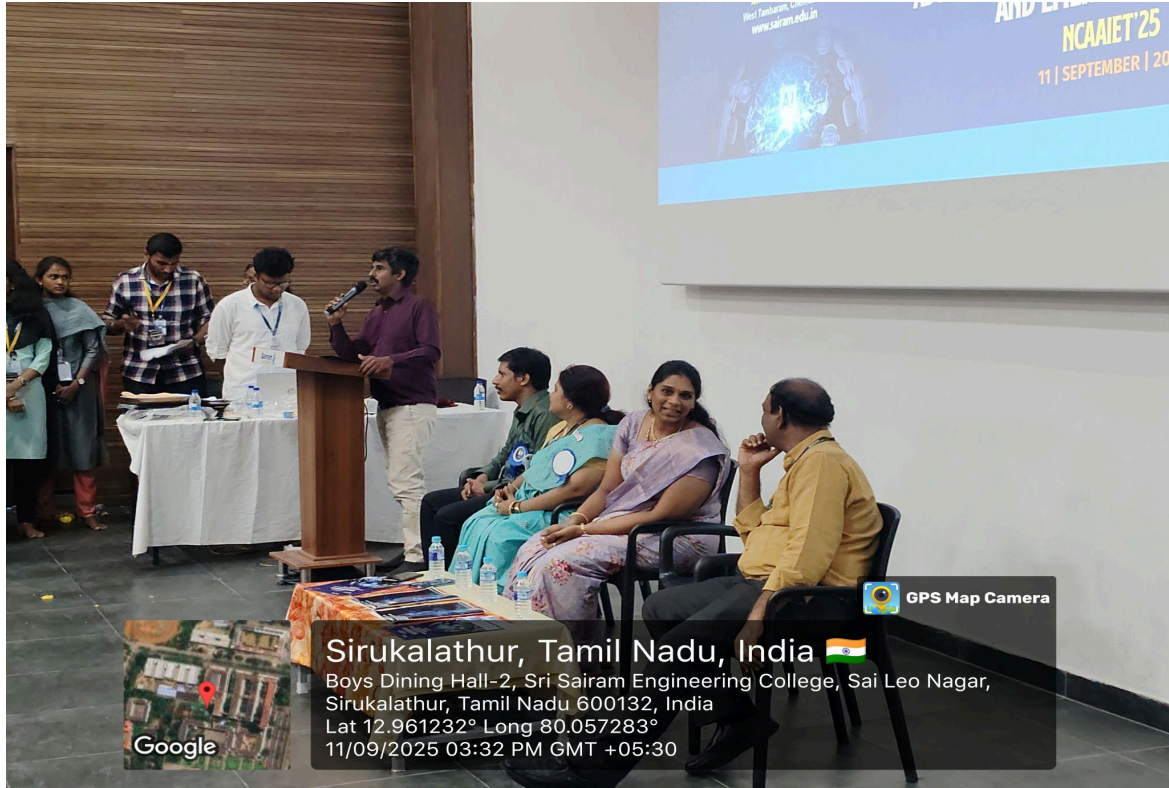
have graciously consented to serve as the chief guest and will deliver the valedictory address

Dr. Swagata Sarkar
HOD / AI&DS

Dr. J. Raja
Principal

Dr. Sai Prakash LeoMuthu
Chairman & CEO
Sairam Institutions

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EVENT POSTER

Sairam
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SEC202509

**DEPARTMENT OF
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IEEE CTSoc Computational Intelligence Society MTS

**FOURTH NATIONAL CONFERENCE ON
ADVANCEMENT IN ARTIFICIAL INTELLIGENCE
AND EMERGING TRENDS
NCAA IET'25**

11 | SEPTEMBER | 2025

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Dr. M. L. LEO MUTTU
Sairam Institutions

POSTER PRESENTATION DETAILS

The conference included a dedicated Poster Presentation session, specifically branded as NCAAIET '25 - 4.0 Poster Competition, which provided students and researchers an alternative and engaging platform to showcase their innovative work in AI and Emerging Trends. This competition was an excellent opportunity for participants to present their original research through visual aids, fostering direct and interactive discussion with experts and peers. The poster session was organized and supported by dedicated student volunteers (Sujith S M and Nataraj J L) and conference coordinators (Mr. V Arun and Mr. Sivamsurugan S), highlighting the college's commitment to promoting hands-on research and concise communication skills among emerging scholars.

The poster features a dark blue background with a glowing network of nodes and lines. At the top, the Sairam Engineering College logo and name are displayed, along with accreditation details and a QR code for registration. Below this, a row of logos for IEEE Computational Intelligence Society, Intel Unnati, IEEE CTSoc, and Sairam is shown. The central text reads 'DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE' and 'NCAAIET '25 - 4.0', followed by the conference title and date. A purple box lists the student volunteers and their contact numbers. At the bottom, the names and titles of the coordinators and principal are listed.

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**DEPARTMENT OF
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NCAAIET '25 - 4.0
4th National Conference on Advancement in Artificial Intelligence
and Emerging Trends
11th September 2025

Poster Competition

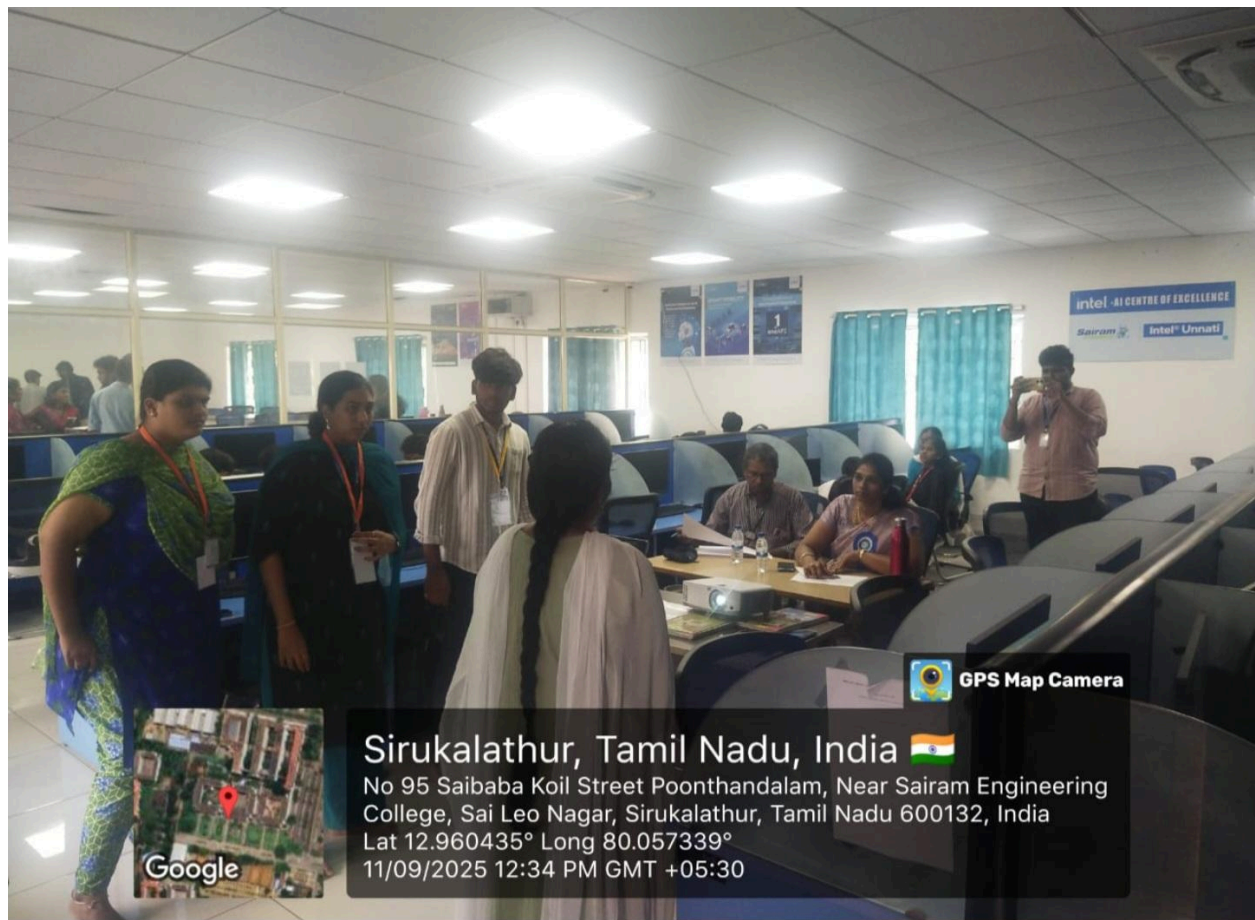
STUDENT VOLUNTEERS
SUJITH SM- 9176148035
NATARAJ EL- 8778380813

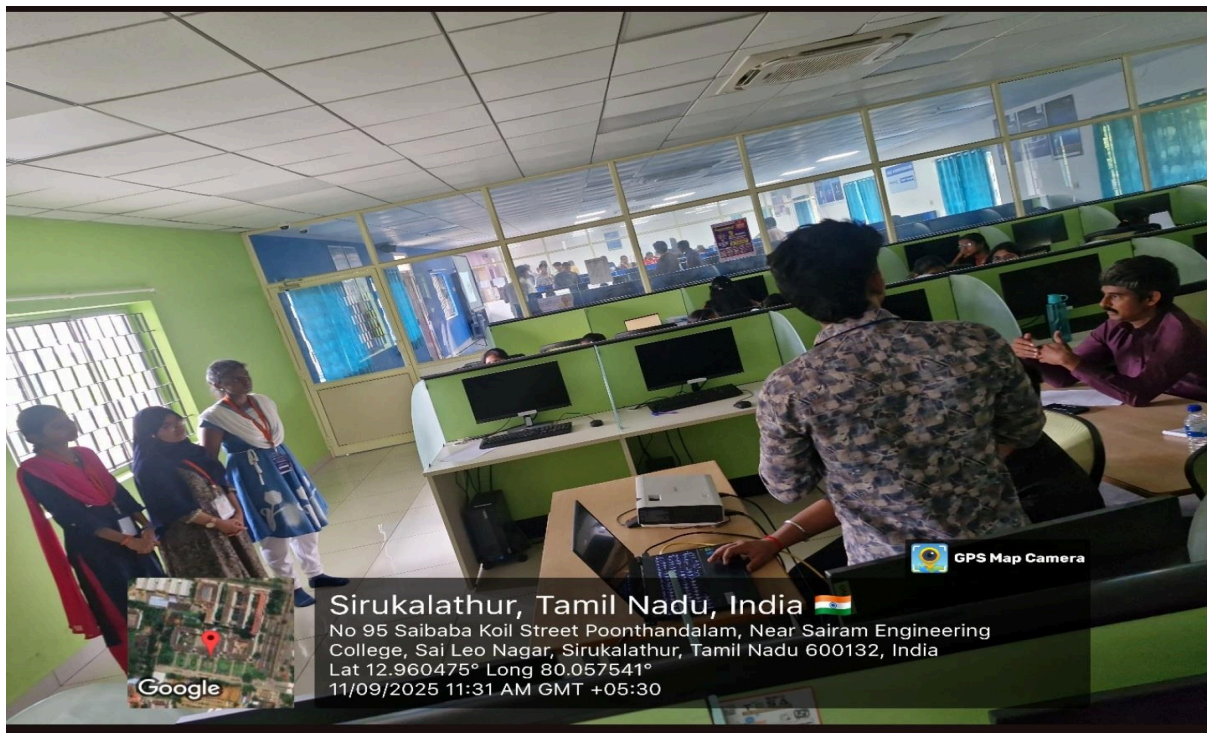
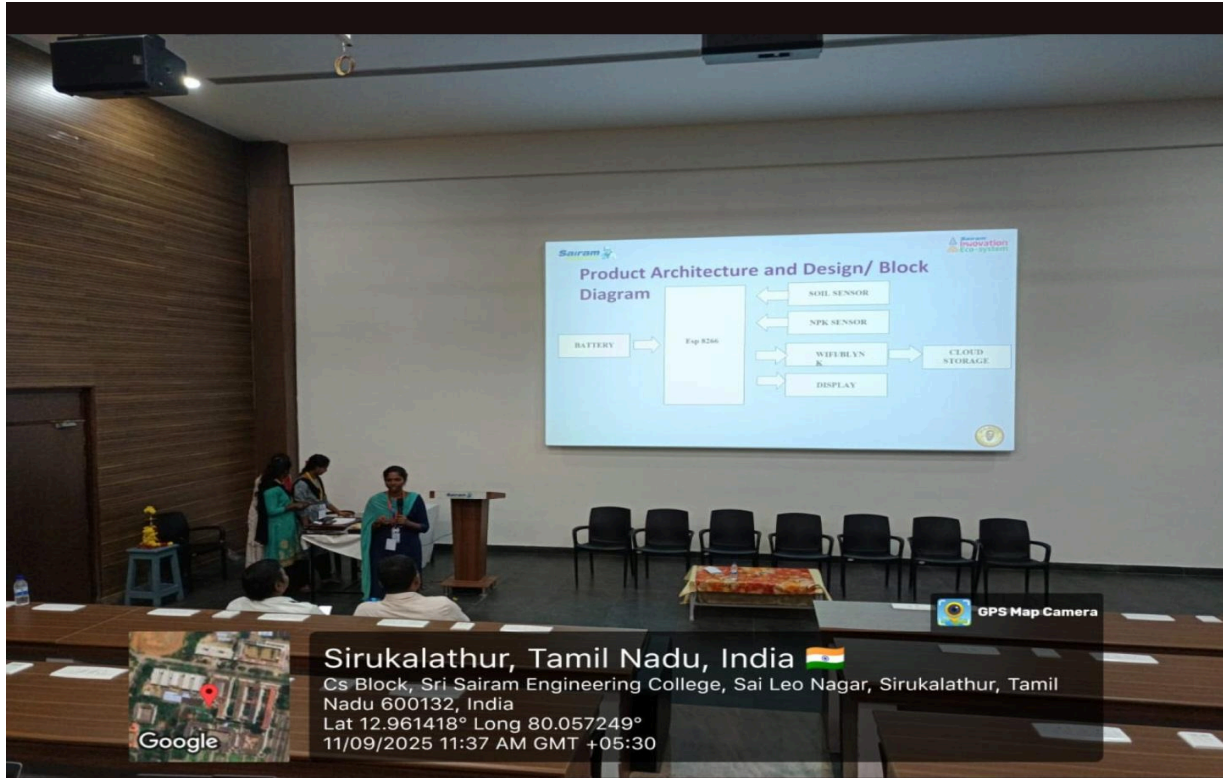
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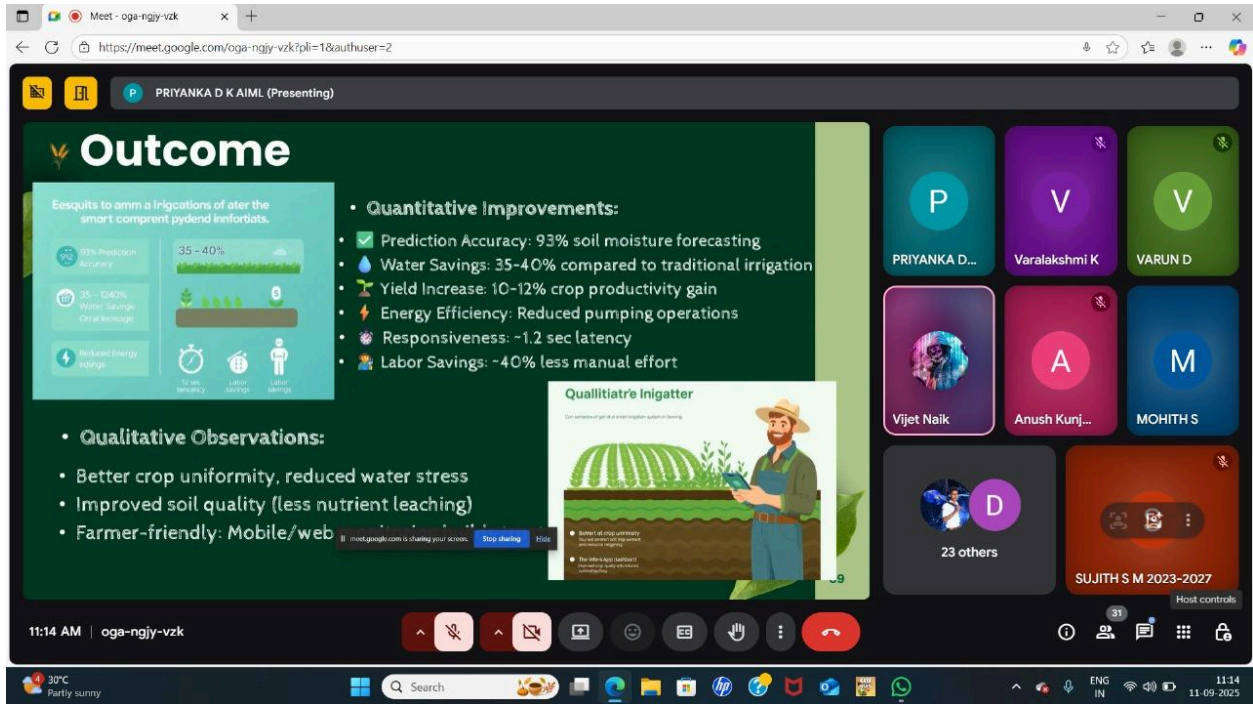
Mr. V Arun - Co-ordinator | Mr. Sivamsurugan - Co-ordinator | Dr. Swagata Sarkar - HOD/AI-DS | Dr. J. Raja - Principal SEC | Dr. Sai Prakash LeoMuthu - Chairman & CEO Sairam Institutions

CONFERENCE DETAILS

The conference presentation was organized into four distinct 4 panels that ran concurrently or sequentially. This structure allowed for multiple papers to be presented and discussed across different sessions during the day. Each panel had its own set of paper presentations, authors, faculty judges, and faculty in-charge to manage the flow and evaluation of the presentations Added to this panel 5 held online .







WINNERS DETAILS

1.Kabilesh & team

Panimalar Engineering college

2.Dhanush N & team

Simats Engineering

3.Dharshana K M & team

Aalim Muhammed Salegh College of Engineering

4.S C G Shree Soorya Kumar

Meenakshi College of Engineering

5.Poster winning :M.Illavarasi team -Mailum Engineering College

ABOUT THE PUBLISHING JOURNAL

The TIJER - International Research Journal (Technix International Journal for Engineering Research) is a peer-reviewed, open-access, and multidisciplinary publication. It aims to promote the exchange of scientific information by publishing original research, theoretical studies, and experimental work across various fields of engineering and technology. As an open-access platform, it ensures that the published papers are freely available to a wide audience of researchers, students, and practitioners globally.

CONCLUSION :

NCAAIET'25 has successfully fostered knowledge exchange and innovation, paving the way for future advancements in AI and Data Science.

ACKNOWLEDGEMENTS :

Thank you for your exceptional guidance

FEEDBACK :

The participants left feeling satisfied, enriched with valuable insights gained from the event.