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## **SRI SAIRAM ENGINEERING COLLEGE, CHENNAI (IC201811156)**

### **Third National Conference on Advancement in Artificial Intelligence and Emerging Trends (NCAA IET'24) Report**

<b>Objective</b>	<b>Benefits</b>
The conference aimed to promote the latest advancements in Artificial Intelligence (AI) and emerging technologies by providing a platform for knowledge sharing, research discussions, and interaction with experts.	Participants gained valuable insights into cutting-edge AI technologies during the conference. Researchers and professionals had the opportunity to network with experts, which helped them deepen their understanding of the rapidly evolving AI landscape. Additionally, the event served as a platform for showcasing innovative research work and ideas, fostering collaboration and intellectual growth among attendees.

**Date: 12th September 2024**

**Venue: Sri Sairam Engineering College**

**Duration: 9:30 AM - 4:00 PM**

## **Introduction:**

On September 12, 2024, Sri Sai Ram Engineering College hosted the third National Conference on Advancement in Artificial Intelligence and Emerging Trends (NCAAIIET'24), organized by the Department of Artificial Intelligence and Data Science. The event brought together experts, researchers, and students from various institutions to explore cutting-edge developments in AI.

Led by Dr. Swagata Sarkar, Head of the Department, and coordinated by Ms. V. Sangeeta, the conference featured insightful pre-conference talks and presentations by prominent guest speakers such as Dr. Malliga P. from NITTTR and Dr. S. Balakrishnan from Aarupadai Veedu Institute of Technology. Participants showcased innovative research, while the event fostered collaboration and intellectual growth in the AI domain, marking it as a significant academic gathering.

## **Guest Speakers Details:**

### **Dr. Malliga P**

*Professor, National Institute of Technical Teachers Training and Research (NITTTR)*

### **Dr. S. Balakrishnan**

*HOD, Computer Science and Engineering, Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation, Chennai*

## **Key highlights of the session:**

The NCAAIIET'24 conference saw the participation of numerous academicians, researchers, and students from various institutions. The conference focused on emerging trends and advancements in Artificial Intelligence, fostering an environment of collaboration and intellectual growth.

- **Technical Paper Presentations:** The conference featured technical paper presentations from researchers, where innovative ideas were showcased.
- **Poster Presentations:** Participants also presented their research through posters, providing a visual and concise overview of their work, sparking discussions and feedback from peers and experts.
- **Networking Opportunities:** The event also facilitated networking, allowing participants to share ideas and explore potential collaborations

## Event Poster:

RAISE EOMS Sairam SUDACTA nif AICTE NBAR NIPAA SAI

**Sairam**  
INSTITUTION

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE  
In Association with

MTS

Welcome you for  
**THIRD NATIONAL CONFERENCE ON  
ADVANCEMENT IN ARTIFICIAL INTELLIGENCE  
AND EMERGING TRENDS  
NCAAIET '24  
12th September 2024**

**Chief Guests**

**Dr. MALLIGA P**  
Professor  
National Institute of Technical  
Teachers Training and Research (NITTR)

**Dr. S. BALAKRISHNAN**  
HOD - Computer Science and Engineering,  
Aarupada Veedu Institute of Technology,  
Vinayaka Mission's Research Foundation Chennai

Sai  
**SAIRAM**  
ENGINEERING COLLEGE  
An Autonomous Institution  
West Tambaram, Chennai - 44  
www.sairam.edu.in

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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairam.edu.in

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DEPARTMENT OF  
ARTIFICIAL INTELLIGENCE & DATA SCIENCE

**NCAAIET '24 - 3.0**  
3rd National Conference on Advancement in Artificial Intelligence and  
Emerging Trends  
12th September 2024  
**Poster Competition**

FOR REGISTRATION

STUDENT COORDINATORS

Dhannush R -7358546251  
Thrisala K -8667635731  
Vishwanathan -70103-80412  
Aburoobha A -7200270146

Mrs.V.Sangeetha Co-ordinator  
Dr. Swagata Sarkar HOD/AI-DS  
Dr. J.Raja Principal SEC  
Dr. Sai Prakash LeoMuthu Chairman & CEO Sairam Institution

## Pretalk Posters :

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Presents  
**NCAAIET '24 - 3.0**  
PRE TALK DAY - 1

Mr. DISHANT  
Senior Bot Developer at ChatOwl  
TOPIC : Large Language Models(LLM)

TIME : 7:30 pm - 8:30 pm  
MODE : ONLINE  
SCAN HERE TO JOIN  
<https://meet.google.com/wh-bx5x-qi/v>

Date:8th September , Sunday

Mrs.V.Sangeetha Co-ordinator  
Dr. Swagata Sarkar HOD/AI-DS  
Dr. J.Raja Principal SEC  
Dr. Sai Prakash LeoMuthu Chairman & CEO Sairam Institution

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Presents  
**NCAAIET '24 - 3.0**  
PRE-TALK DAY - 2

DR. A REVATHI  
Associate Professor  
SRM Institute of Science and Technology  
TOPIC : THE ROLE OF STATISTICS IN ML

TIME : 7pm - 8 pm  
MODE : ONLINE  
SEARCH HERE TO JOIN  
<https://meet.google.com/bh-hy9v-sz/v>

Date:9th September, Monday

Mrs.V.Sangeetha Co-ordinator  
Dr. Swagata Sarkar HOD/AI-DS  
Dr. J.Raja Principal SEC  
Dr. Sai Prakash LeoMuthu Chairman & CEO Sairam Institution

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Presents  
**NCAAIET '24 - 3.0**  
PRE-TALK DAY - 4

Dr.D.MANOHARI  
Associate Professor & Head  
Department of CSE  
PERI Institute of Technology  
TOPIC: Generative AI and Landscape

TIME : 7pm - 8 pm  
MODE : ONLINE  
SEARCH HERE TO JOIN  
<https://meet.google.com/wh-bx5x-qi/v>

Date:11th September, Wednesday

Mrs.V.Sangeetha Co-ordinator  
Dr. Swagata Sarkar HOD/AI-DS  
Dr. J.Raja Principal SEC  
Dr. Sai Prakash LeoMuthu Chairman & CEO Sairam Institution

## Event Photos :



## OUTCOMES:

The conference successfully enhanced participants' knowledge and understanding of artificial intelligence and machine learning, particularly through insightful sessions on the role of statistics and generative AI. It provided valuable networking opportunities, fostering collaborations among attendees, speakers, and industry professionals. Participants engaged directly with experts like Dr. Malliga P, Dr. S. Balakrishnan, Dr. A. Revathi, and Dr. D. Manohari, enriching their discussions and inspiring future research. The event also raised awareness of emerging trends in AI, equipping attendees with insights into the latest developments. Feedback collected will guide improvements for future events, and follow-up initiatives such as webinars and workshops were discussed to sustain the learning momentum.

## **WINNERS :**

### **1st Prize:**

Title :DESIGN AND DEVELOPMENT OF AUTOMATIC UNDERWATER RESCUE JACKET

- ATHITHYA S
- SRIRAM R
- SRI HARIHARA SUDHAN K

### **2nd Prize:**

Title:REAL ESTATE BUSINESS PREDICTION AND MANAGEMENT

- WISHAL RB
- SHREEDHARAN R
- SHIVA PRIYANKA A'V
- SIVARANJINI

### **3rd Prize:**

Title : AI DRIVEN SOLUTIONS FOR THE DETECTION AND CURE OF SICKLE CELL ANEMIA USING GENE THERAPY

- AISHWARYA S
- DEVIPRIYA
- DEVI JEYA

### **Conclusion:**

The Third National Conference on Advancement in Artificial Intelligence and Emerging Trends (NCAAIET'24) was a great success, with strong participation and a wealth of ideas exchanged among attendees. The event promoted AI advancements and demonstrated its transformative potential in various sectors.

## Acknowledgments:

We extend our gratitude to the chief guests, Dr. Malliga P and Dr. S. Balakrishnan, for gracing the occasion and sharing their expertise. Special thanks to our pre-talk speakers, Dr. A. Revathi from SRM Institute of Science and Technology for her insightful presentation on "The Role of Statistics in Machine Learning," and Dr. D. Manohari from PERI Institute of Technology for his engaging talk on "Generative AI and Landscape." We also appreciate the organizing team for their efforts in making the conference a success.

## Feedback Analysis :

FEEDBACK FORM	
NAME :	P. S. Nivedita Shree
COLLEGE / Dept & Yr :	Sri Sai Ram Institute of Technology / 1 <sup>st</sup> year AIEEDS
Very Useful to gain more ideas and knowledge about projects and skills	

FEEDBACK FORM	
NAME :	Satheshwaran . k
COLLEGE / Dept & Yr :	Sri Sai Ram Institute of Technology / EEE/AIAD 2 <sup>nd</sup> year
This conference helped me to gain self confidence and development.	

FEEDBACK FORM	
NAME :	K. Melwin Joel
COLLEGE / Dept & Yr :	Sri Sai Ram Engineering College / ECE / 3 <sup>rd</sup> year
The event was organized in a good manner. Reviewers gave good comments to us which will help us to rectify the limitations and improve the project.	

FEEDBACK FORM	
NAME :	Umamaheshwari R.a.c
COLLEGE / Dept & Yr :	B. S. Abdul Rahaman Crescent Institute of Science and Technology / MITech CSE
Well done co-ordination, very good assistance and overall performance is very good.	

## Social media links:

Website : <https://conference2k24.github.io/NCAAJET3.0/>

YouTube : <https://youtu.be/LNHVerO69GE?si=FWXuryfRhphSbg7f>

Instagram : [https://www.instagram.com/p/C-px\\_29yifu/](https://www.instagram.com/p/C-px_29yifu/)