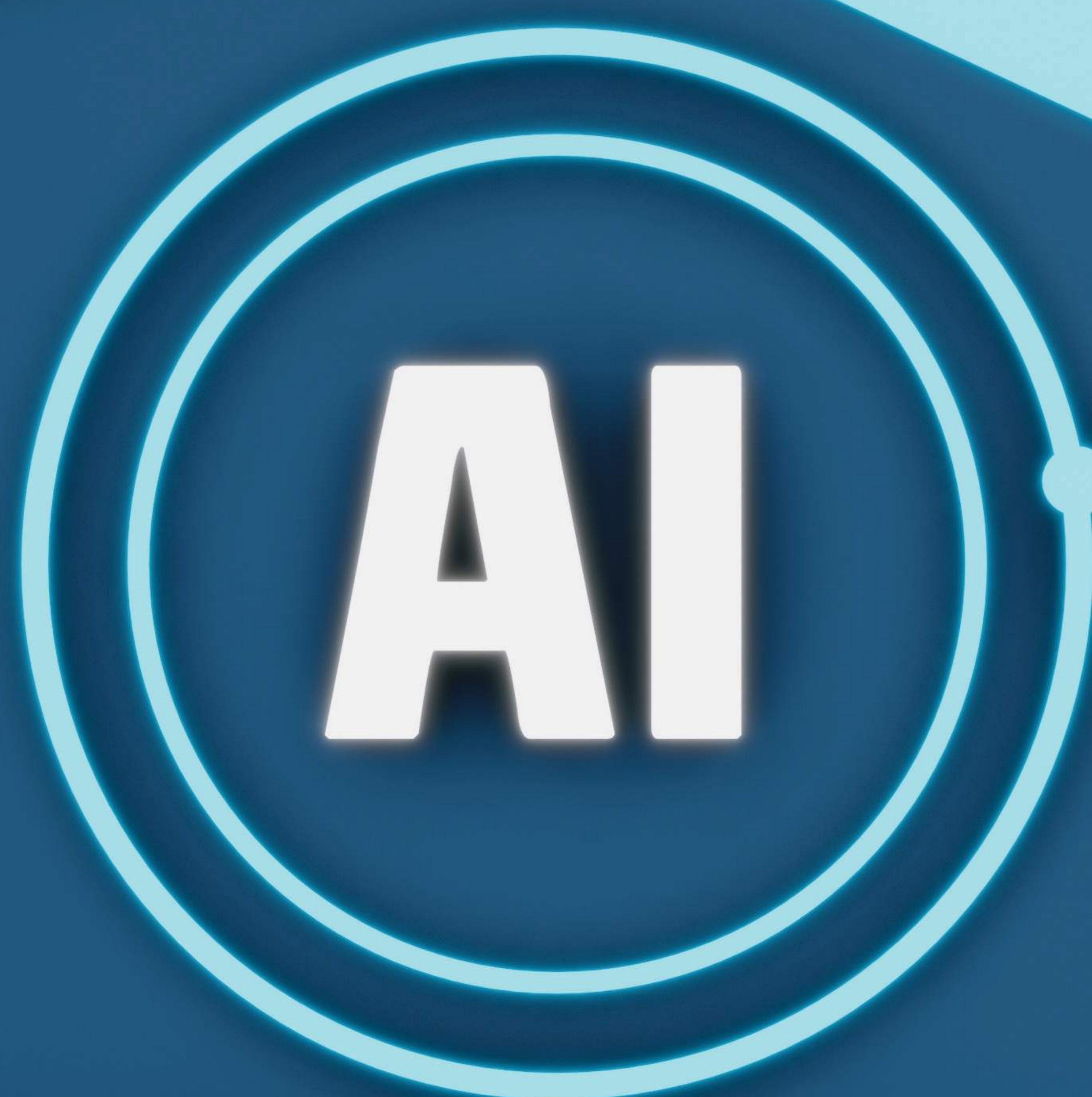


Department of Artificial Intelligence and Data Science

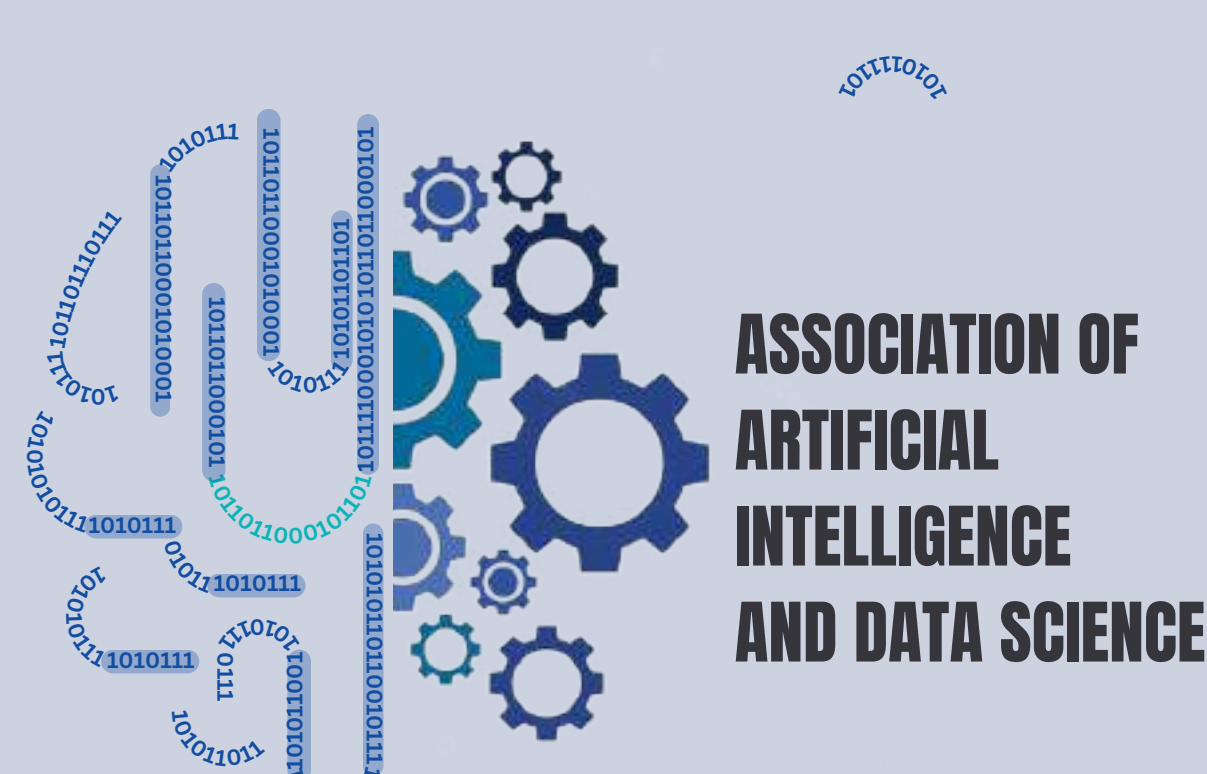
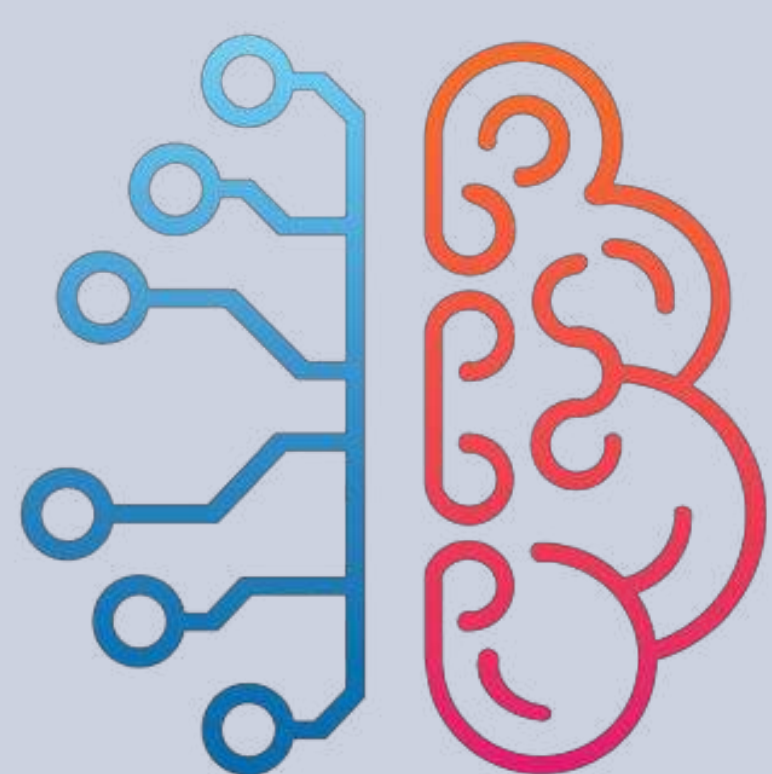
VOL - 04

April 2024 - September 2024



CHRONICLES

NEWSLETTER



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EDITORIAL

Dear All,

In this edition of our department newsletter, we are delighted to present you the most recent information and successes from the Artificial Intelligence and Data Science Department. This publication honors the outstanding accomplishments, insights, and inventions that define our vibrant and thriving community. We have a number of intriguing activities planned, including seminars, workshops etc. These events are a wonderful opportunity to learn from industry leaders and broaden your understanding of AI&DS. Our department's lifeblood, our students, take center stage as we highlight their exceptional achievements in projects and academics. I sincerely thank all of the writers, researchers, and contributors who have helped to make this newsletter a success.

Warm regards,

Anupa Tom

Editor

AI & DS Department Newsletter

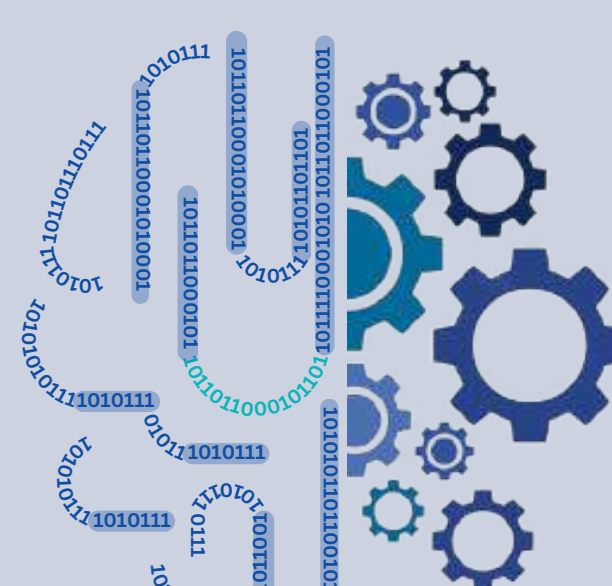
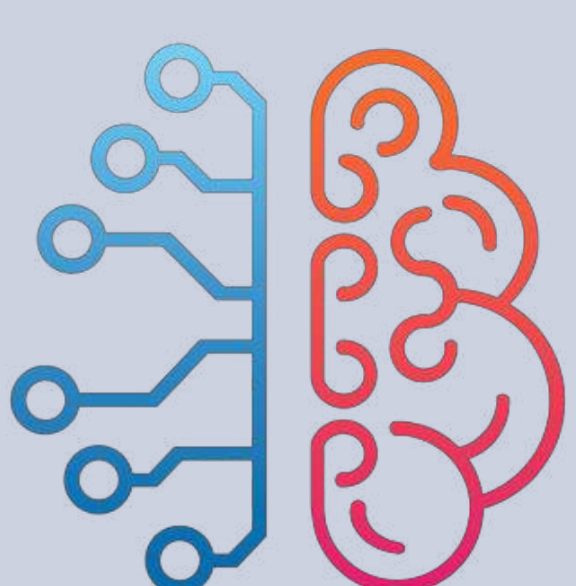


Editorial

Ms. Anupa Tom

Harigovind G - S7 CS(AI)

Kadeeja Manika - S4 AI&DS



AI CHRONICLES

VISION

To be a center of excellence in teaching, research and technology development in the field of Artificial Intelligence and Data science with a strong sense of social responsibility.

MISSION

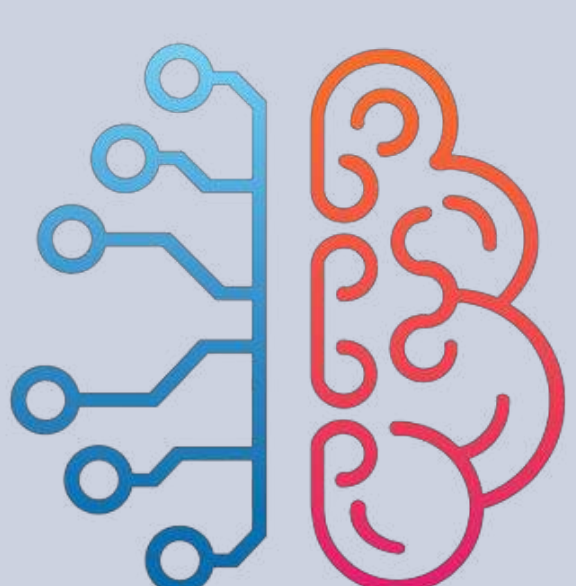
- To facilitate state of the art teaching and learning to meet the expectations of the stakeholders.
- To empower students towards technology development & transfer, to solve socially relevant problems.
- To promote collaborative research through long term interaction with industry and R&D institutions

PROGRAM SPECIFIC OUTCOME OF CS(AI)

- PSO1: Implement AI models and strategies for real world problems to meet the challenges of future.
- PSO2: Develop computational models for system automation.

PROGRAM SPECIFIC OUTCOME OF AI&DS

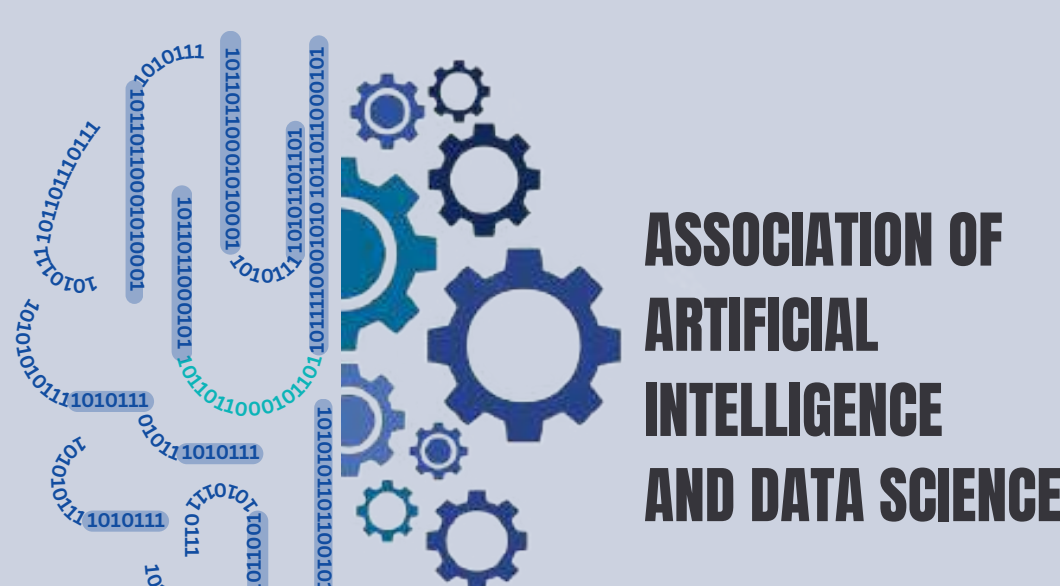
- PSO1: Interpret and visualize high dimensional data for decision making systems.
- PSO2: Develop computational models for system automation.



Department of Artificial Intelligence and Data Science



Computational Intelligence Club



ASSOCIATION OF
ARTIFICIAL
INTELLIGENCE
AND DATA SCIENCE



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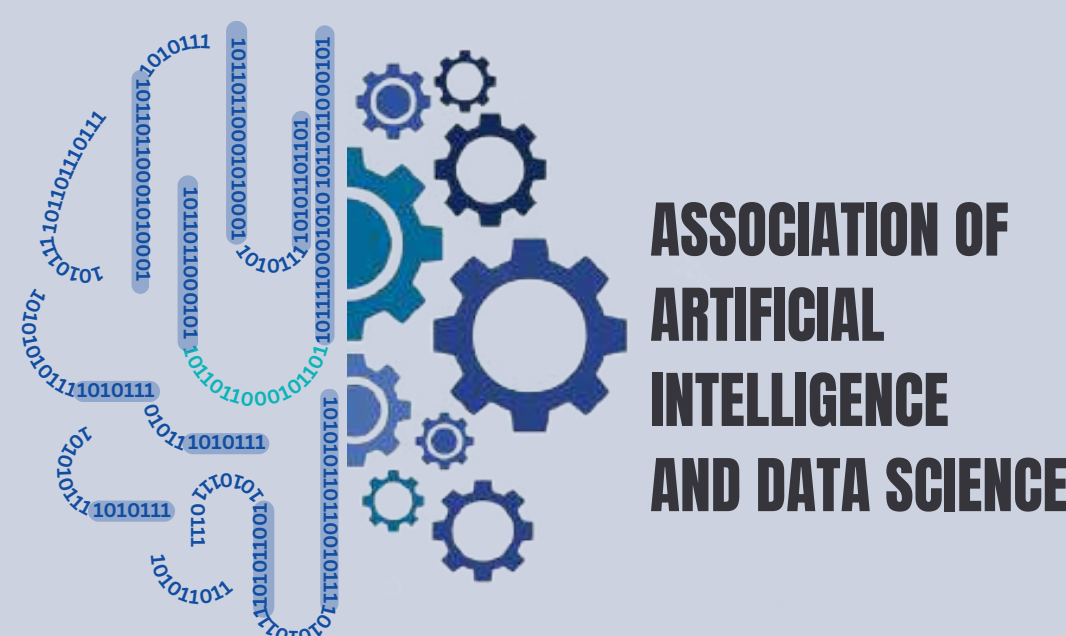
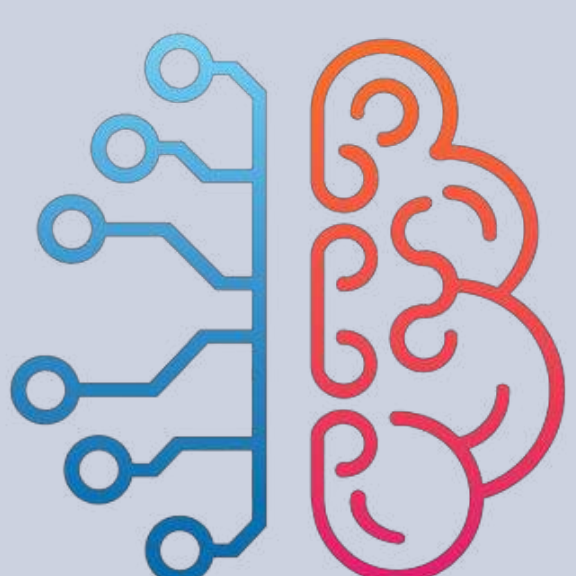
AI CHRONICLES

PROGRAM EDUCATIONAL OBJECTIVES OF AI&DS

- PEO1: Design & develop AI models to automate various processes in industrial applications.
- PEO2: Design & develop solutions relating to big data problems.

PROGRAM EDUCATIONAL OBJECTIVES OF CS(AI)

- PEO1: Design & develop AI models to automate various processes in industrial applications.
- PEO2: Design & develop solutions relating to automation of systems.



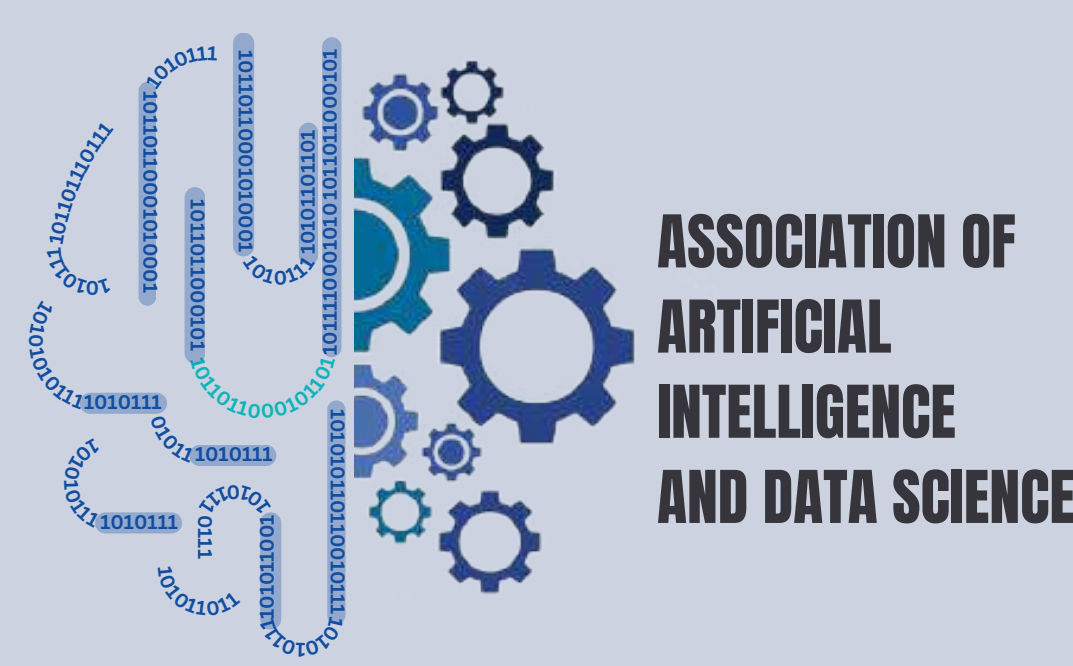
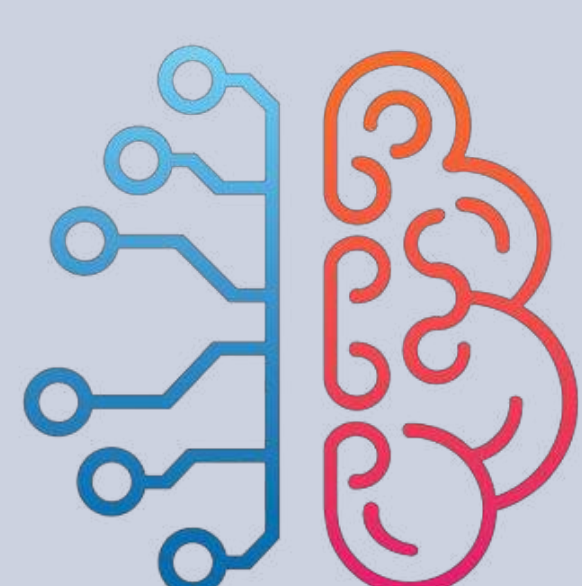
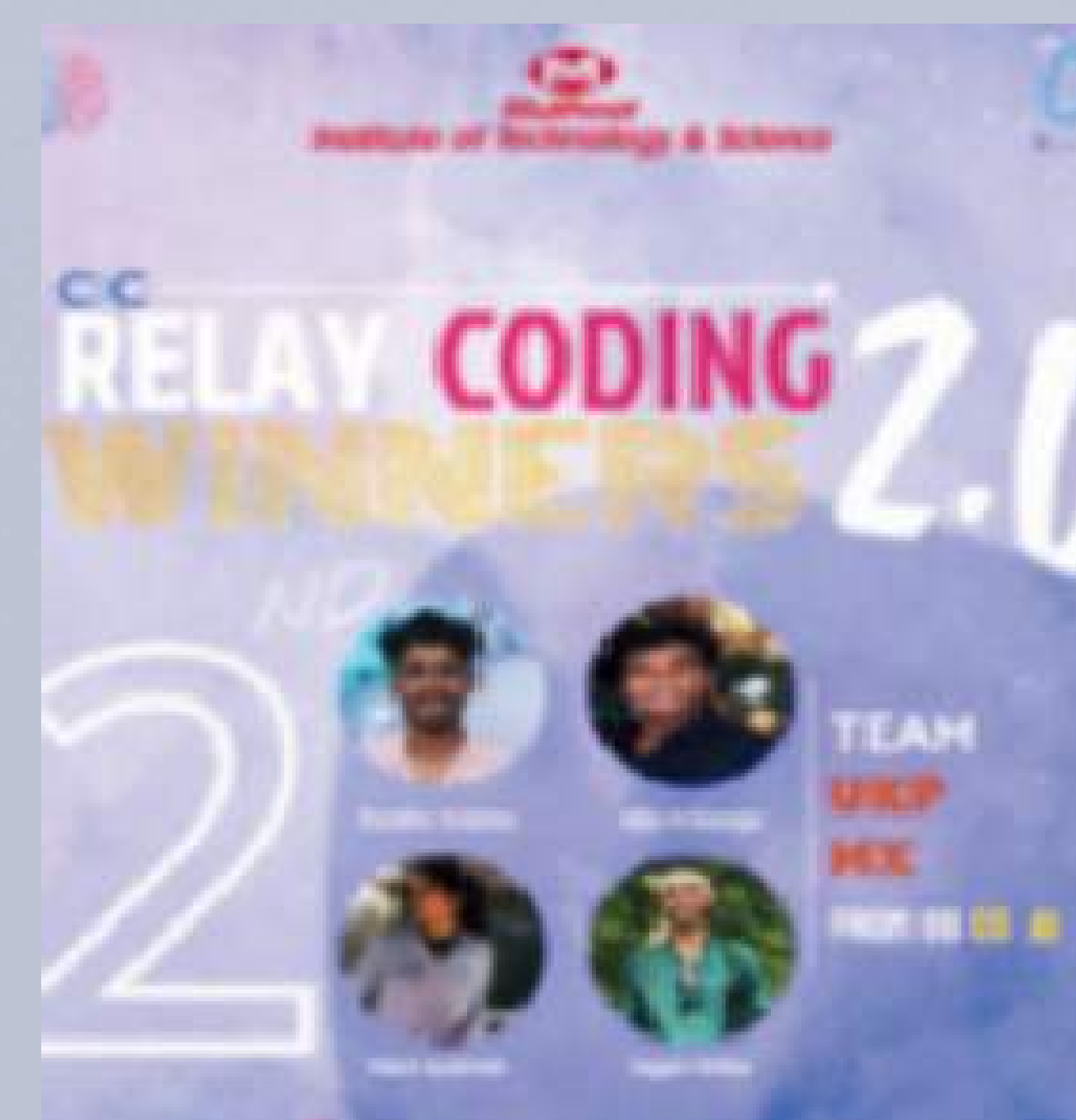
EVENTS ORGANIZED

RELAY CODING 2.0

17/04/2024 HINTON LAB

The much awaited second part of the innovative coding challenge, Relay 2.0 preserves the same formula of “baton pass” that made it unique, and had improved coding questions that challenged the team’s mettle to balance between solving and helping the team. The event was held on 17th of April, 2024, and participants who were “holding the baton” were led to the Hinton Lab, while other team members waited at John McCarthy Lab for the “baton pass”.

On 17th April 2024, the Computational Intelligence Club organized 'Relay Coding 2.0', coordinated by Ms. Dimple Elizabeth Baby. The winners were Sudhi Krishna N A, Alimon N A, Febin P T, and Gowri M (first prize); Hima Jyothish, Jegan Shibu, Alex Abraham George, and Pardhiv Krishna (second prize); and Gauthamkrishna Binoy, JR Gopika, Basil B Palathinkal, and Adnan Al Ameer (third prize).



EVENTS ORGANIZED

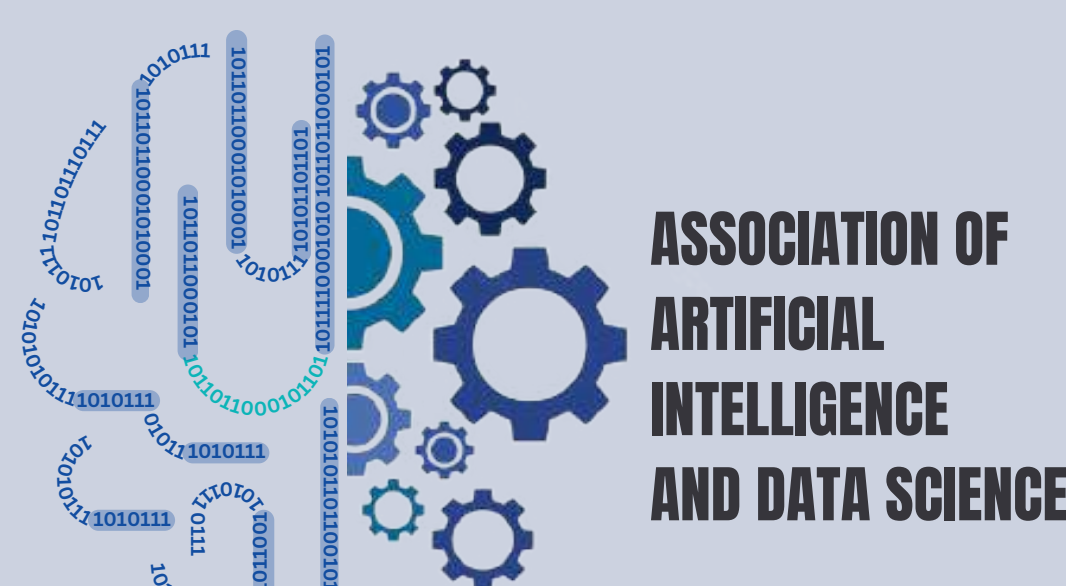
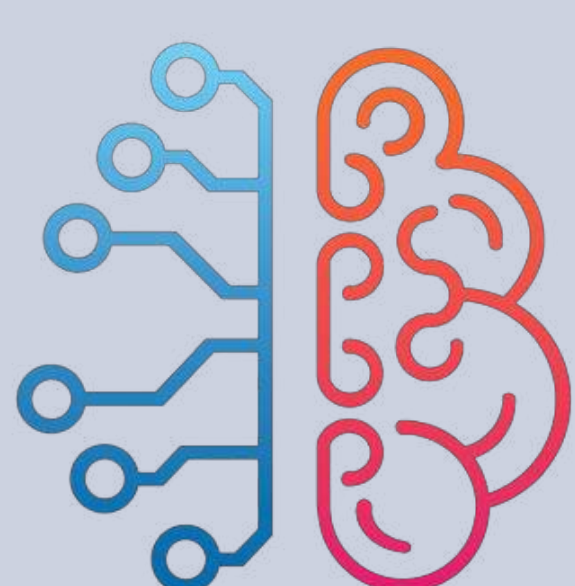
GDC CLUB INTRODUCTION

18-04-2024 ALBERT EINSTEIN HALL



The GDC community kicked off their club with an introduction session held to ease upcoming devs into the field of game development.

The programme was held from morning till noon at albert einstein hall where students where introduced to a number of game engines and ideas regarding the development and upkeep of games and how the industry is shaping up for the future.



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FACULTY ACHIEVEMENTS

DR. SUMAM MARY IDICULA



GUI Element Detection via YOLOV8: A Deep Learning Approach for Widget Identification S Jose, P Samuel, SM Idicula - 2024 1st International Conference on Trends in Engineering Systems and Technologies (ICTEST) 2024/4/11

Review on Sanskrit Sandhi Splitting using Deep Learning Techniques

SM Idicula - Journal of Information Technology, 2024 6/2024

A Systematic Survey of Automatic Image Description Generation Systems SR Sreela, SM Idicula - International Journal of Image and Graphics, 2024/6/18 published by World Scientific Publishing Company

FACULTY ACHIEVEMENTS

DR.CERENE MARIAM ABRAHAM

Attended Industry-Assisted Online Lecture Series On IoT Data Modelling, conducted by PALS with support from leading Industry Experts, on 12th April and 16th April 2024.



MS DIMPLE ELIZABETH BABY

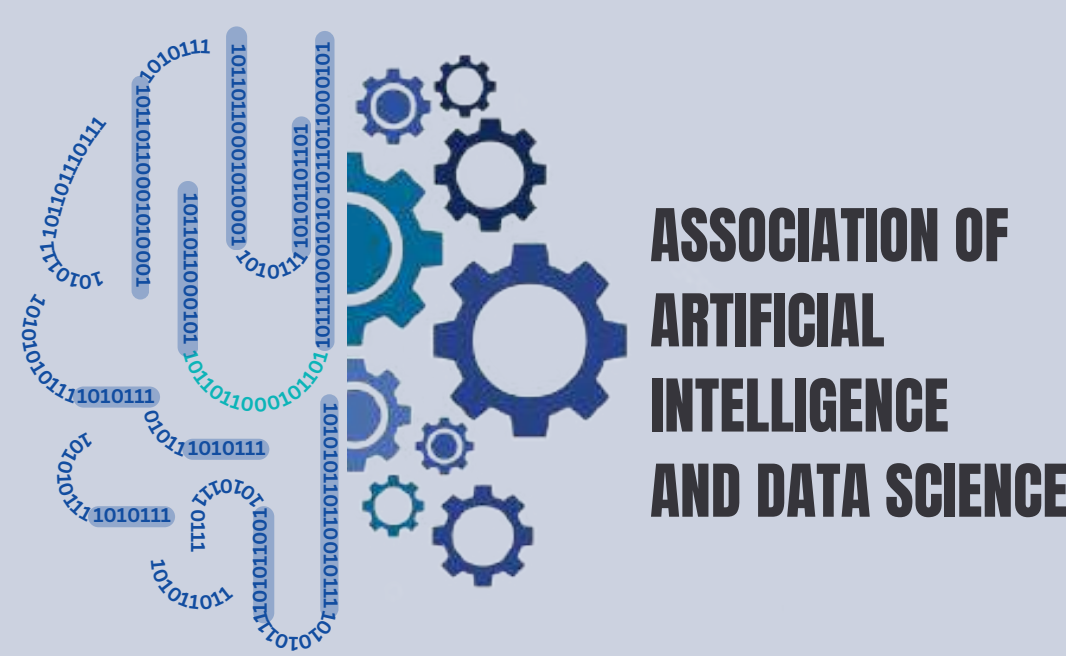
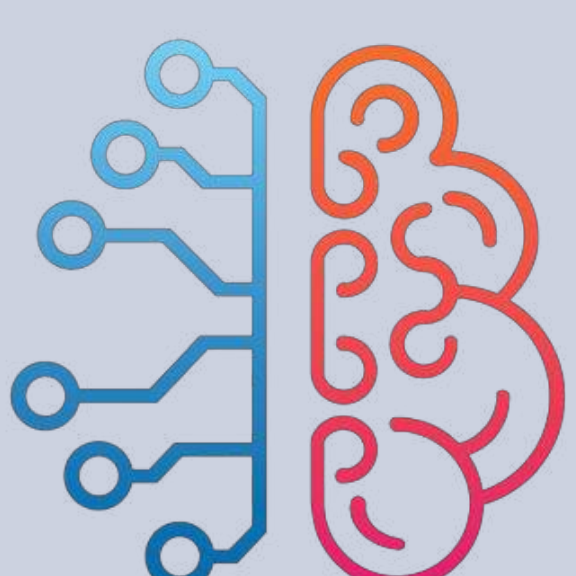
- Published the paper "Automated System for Identifying Vaccinated Person by Iris Recognition Technique using Deep Learning". Publication: AIP conference proceedings ,2942,020009(2024),indexed by Scopus and Web of Science. Year: 2024
- Unlocking AI: Hands-On Techniques and Tools for Educators. For the Teacher's Training Program held for Sanskara School.



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STUDENT ACHIEVEMENTS

PLACEMENTS



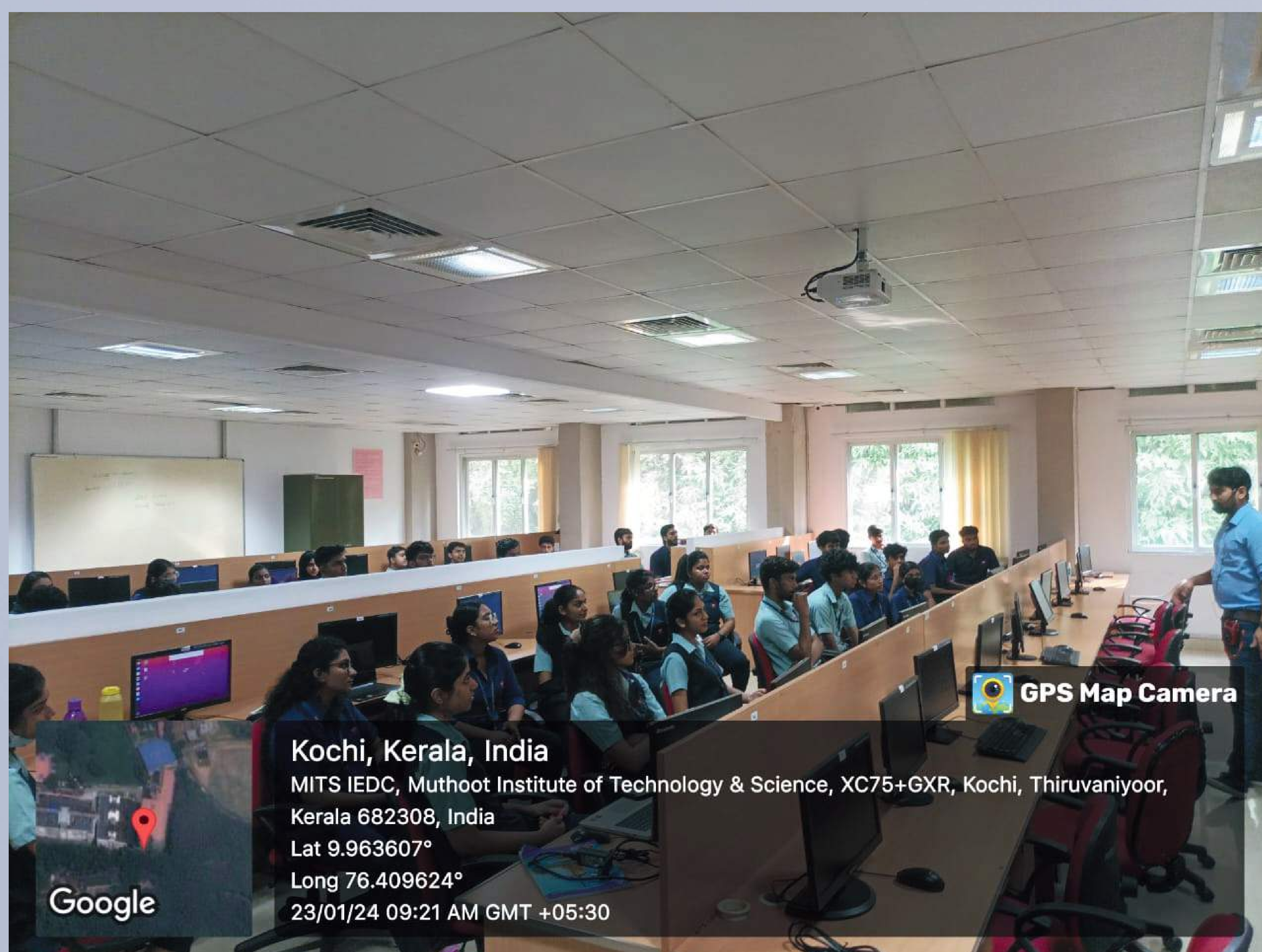
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DEPARTMENT ACHIEVEMENTS

ADD ON COURSE

23-01-2024 JOHN MCCARTHY LAB

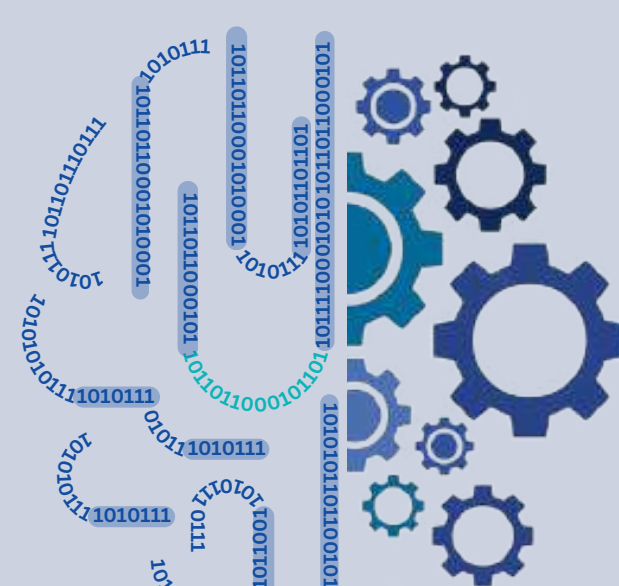
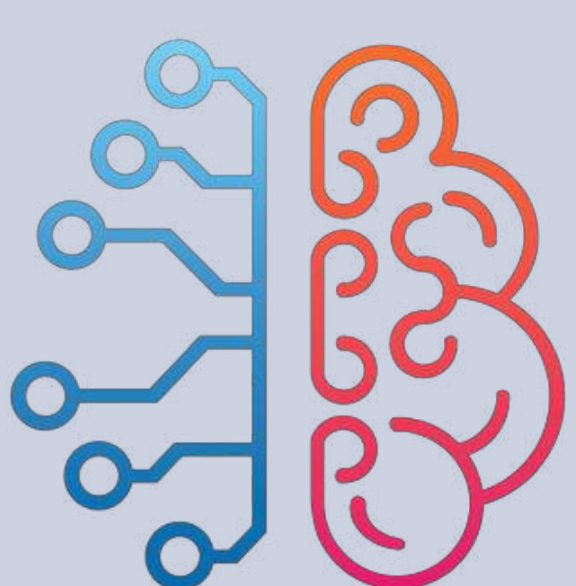
An add-on course in Python and Django web development was offered to S5 AI&DS and S5 CS(AI) students, enhancing their web application building skill. Simultaneously, an additional course in Generative AI and LLM was provided to S7 AI&DS and S7 CS(AI). students, advancing their proficiency in these technologies. These initiatives aimed to broaden technical expertise and prepare students for challenges in AI and data science.



AI CHRONICLES

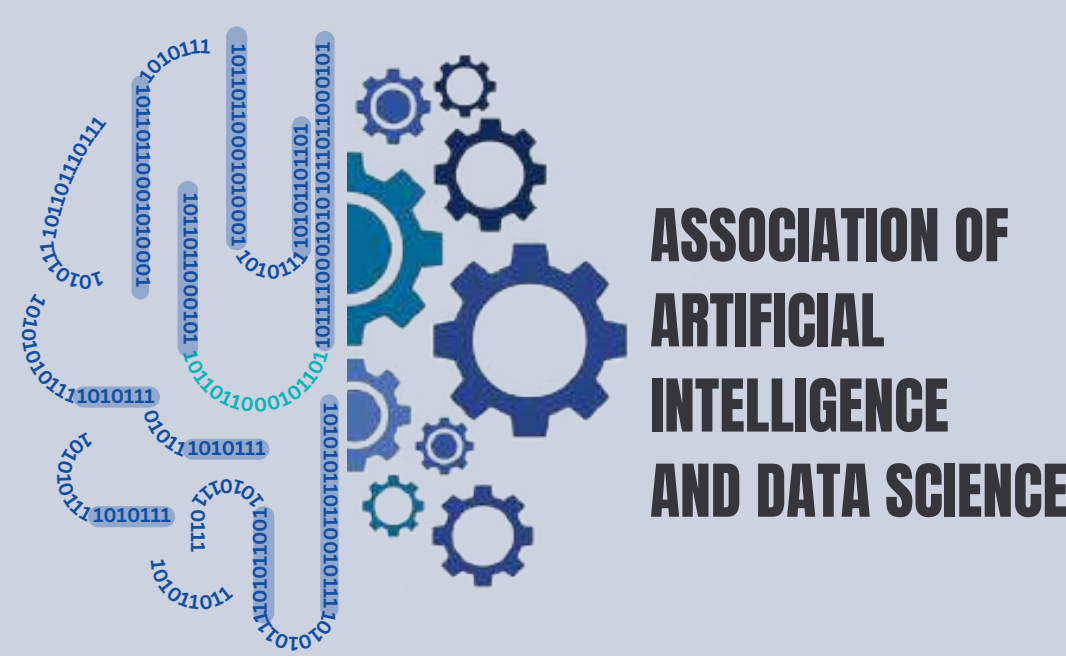
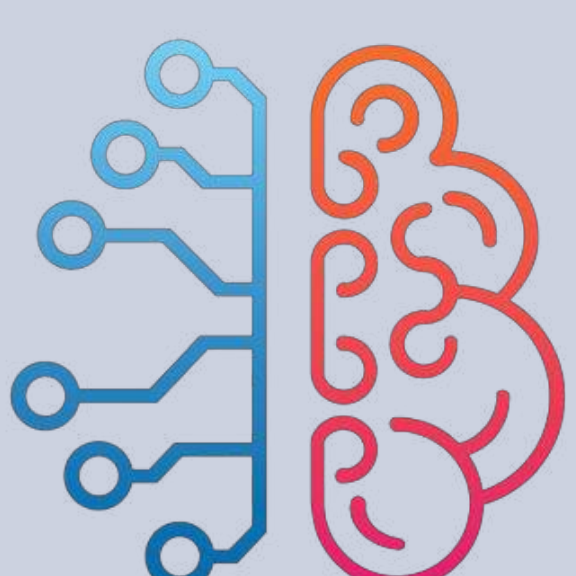
INTERNSHIP DETAILS

SL No.	Name	Branch	Company
1	AAKASH PRAVEEN	CS AI	ZERO PIXELS
2	ABHIJITH P BIJU	CS AI	MyGate (QA ROLE)
3	ALEX ABRAHAM GEORGE	CS AI	IBM
4	AMY M ELAMBLASSERIAL	CS AI	IBM
5	ASWIN DEV S P	CS AI	ZERO PIXELS
6	AYISHA SAHEED	CS AI	IBM
7	HIMA JYOTHISH	CS AI	IBM
8	MINSA AJI	CS AI	IBM
9	MUHAMMED AFREEN K N	CS AI	MyGate
10	NIKHITHA ELDHOSE	CS AI	IBM
11	NOEL SUSAN MATHEW	CS AI	IBM
12	PARDHIV KRISHNA	CS AI	IBM
13	PARVATHY V. P	CS AI	IBM
14	SAMEERA T U	CS AI	ZERO PIXELS
15	STEVIN SONY	CS AI	ZERO PIXELS
16	AANAND DEVA SURESH	AI & DS	IBM
17	EBEN G ABRAHAM	AI & DS	MyGate
18	KEZIA MICHELLE GEORGE	AI & DS	IBM
19	MEBIA SEBIN	AI & DS	MyGate
20	MEGHA NAIR	AI & DS	MyGate
			IBM
21	NANDIKA PRINCE	AI & DS	IBM
22	SHERIN ROSE	AI & DS	MyGate
			IBM



AI CHRONICLES

INTERNSHIP DETAILS



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