

Department of Artificial Intelligence and Data Science

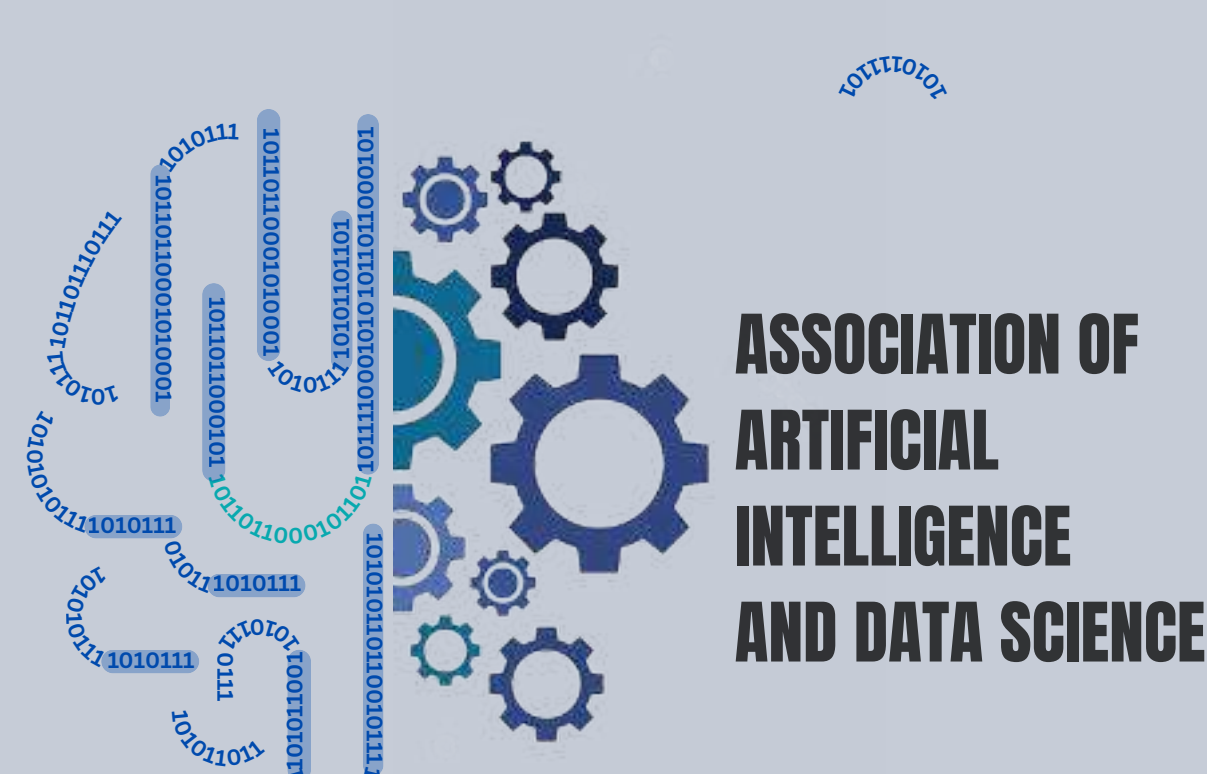
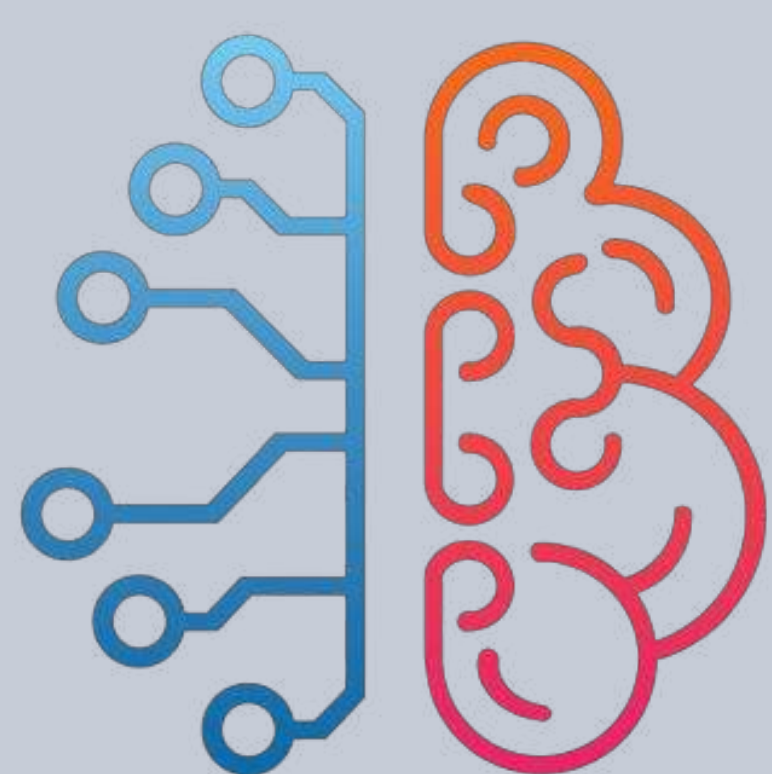
VOL - 04

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

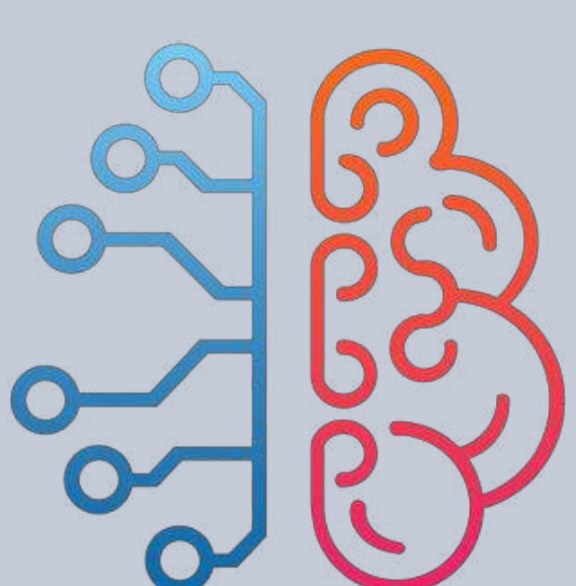


Editorial

Ms. Anupa Tom

Harigovind G - S7 CS(AI)

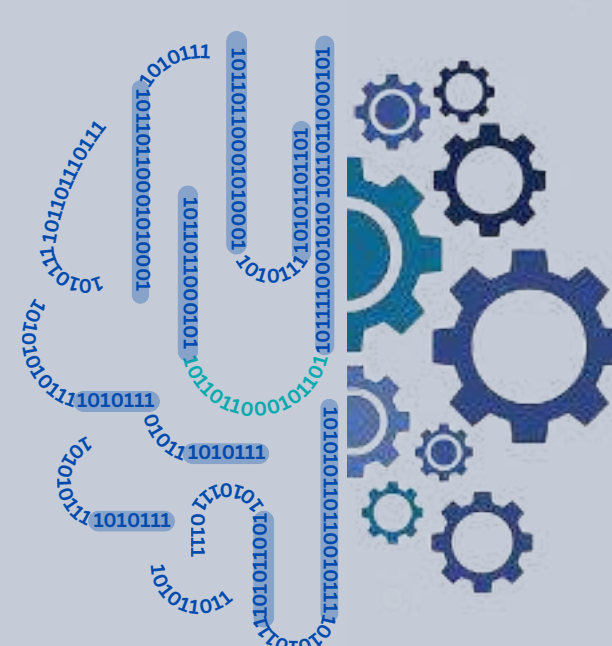
Kadeeja Manika - S4 AI&DS



Department of Artificial Intelligence and Data Science



Computational Intelligence Club



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AI CHRONICLES

VISION

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

MISSION

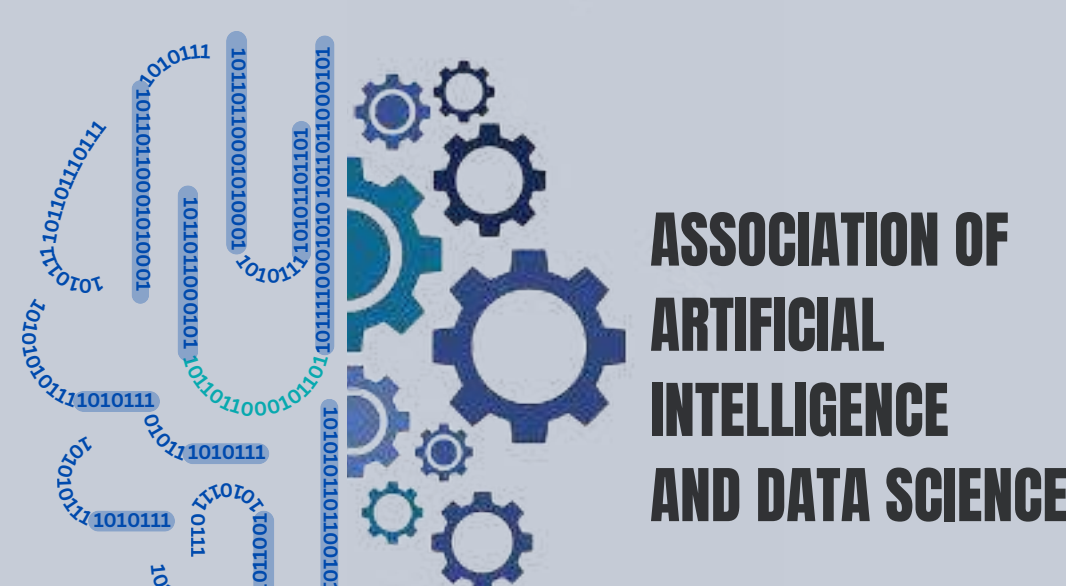
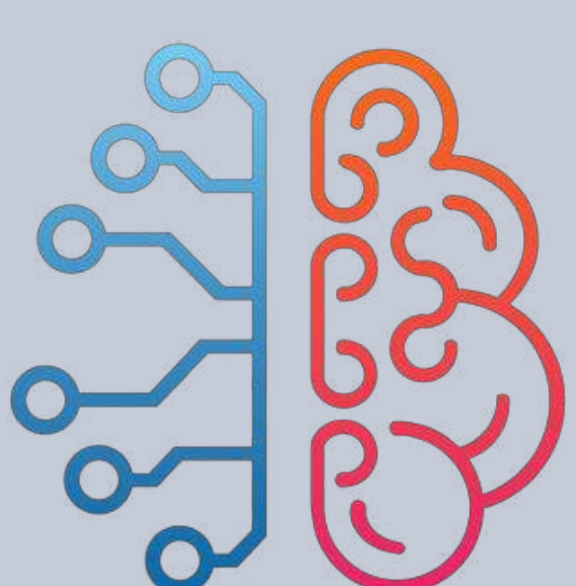
- To facilitate state-of-the-art teaching and learning to meet the expectations of the stakeholders.
- To empower students towards technology development & transfer, to solve socially relevant problems.
- To promote collaborative research through long term interaction with industry and R&D institutions

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.

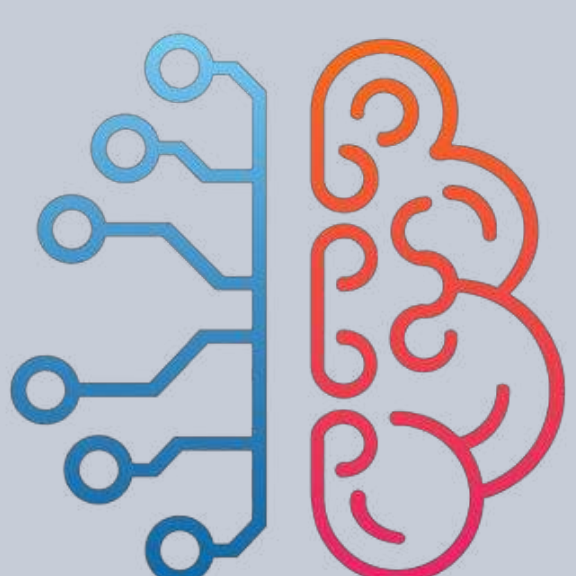


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PROGRAM EDUCATIONAL OBJECTIVES

Our graduates will

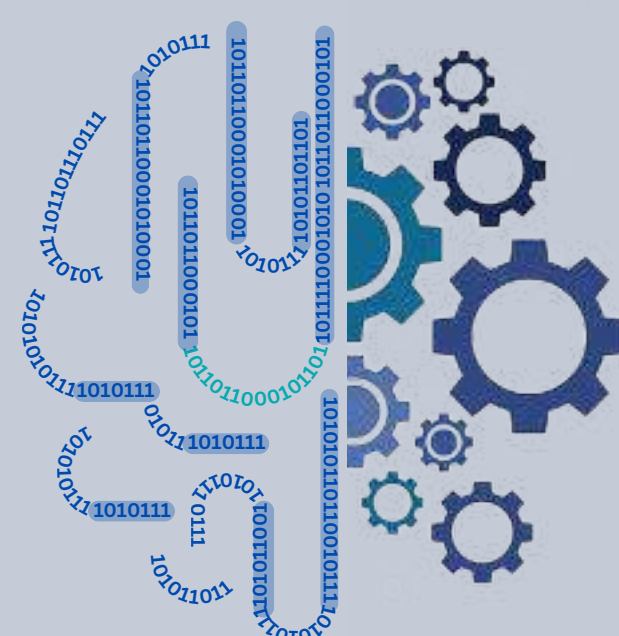
- PEO1: Create sustainable AI models.
- PEO2: Implement AI responsibly in research and development and technology transfer.
- PEO3: Deliver AI solutions for entrepreneurial activities leading to employment generation.



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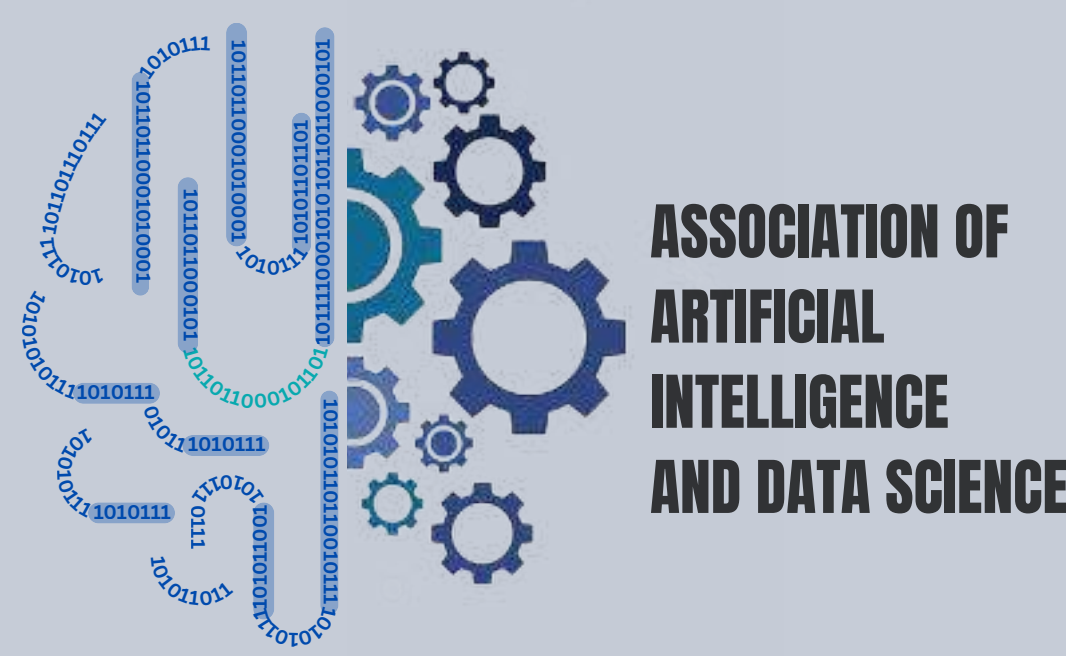
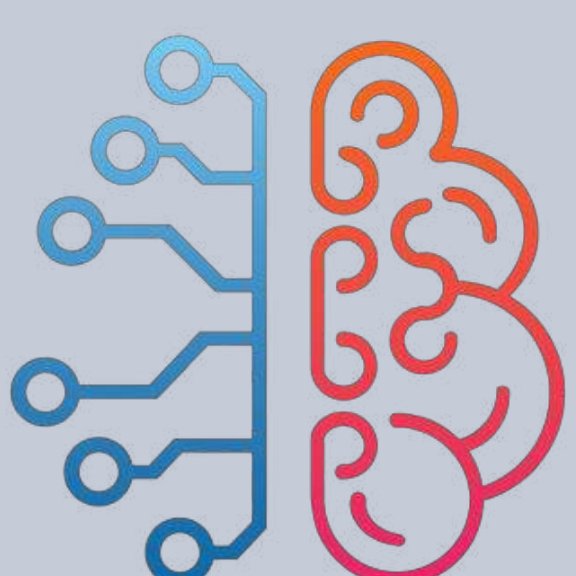
EVENTS ORGANIZED

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

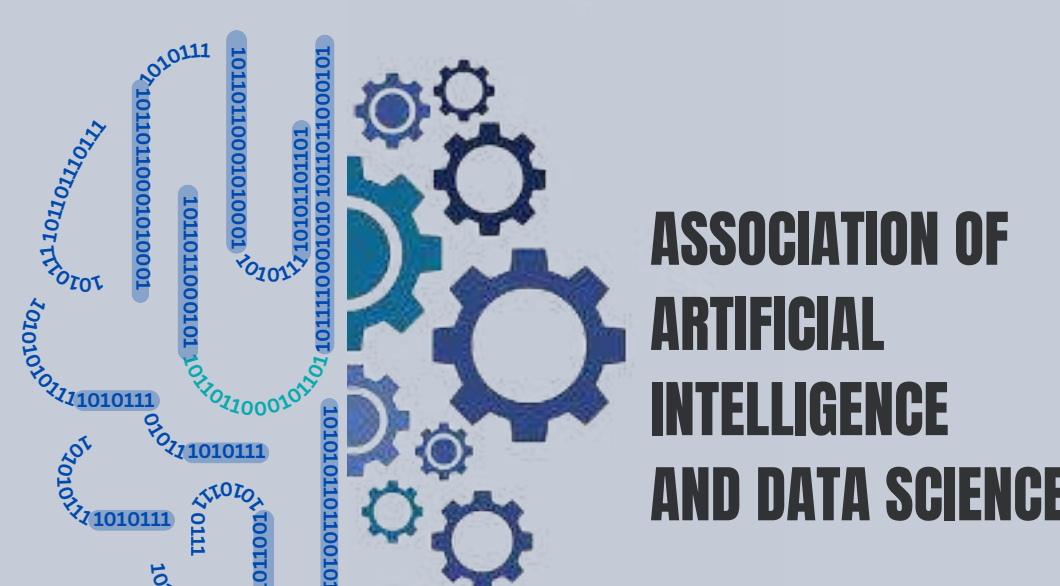
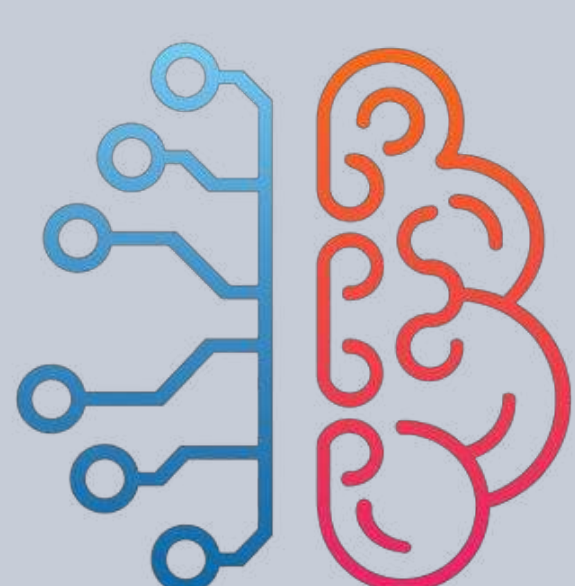
GDC CLUB INTRODUCTION

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.



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.



FACULTY ACHIEVEMENTS

DR.PRIYA C V

Dr Priya C.V Completed Online Lectures in Infosys Springboard Course Software Engineering and Agile software development course on 14 th june 2024. She also attended

NITTR Training Dr. Priya C V attended 3 Day Professional Development Programme on Outcome Based Education and Implementation by National Institute of Technical Teachers' Training and Research 18/06/2024-20/06/2024.



Expert Talks:

Dr. Priya C V delivered a talk on 'AI-101: Unlocking the Power of AI with Python', organized by the IEEE Student Branch College of Engineering Karunagappally in association with IEEE CS/RAS Jt Chapter and IEEE WIE AG CEK. 04/05/2024. She also delivered a talk on 'Demystifying AI & Machine Learning with Python, A Beginner's Guide', organized by the IEEE Student Branch Musaliar College of Engineering & Technology, Pathanamthitta in association with Tinker Hub 24/06/2024.

FACULTY ACHIEVEMENTS

MS. ANOOPA .S

Dr Anoopa S Completed WIPRO certified faculty program Organized By: Training by wipro from 26th august 2024 to 13th september 2024. She completed Atal FDP workshop Harnessing nlp and ml techniques for social media data analysis explicitly for Indian languages (IIT KOTTAYAM) ON 24/6/2024-28/06/2024.



She completed a six day fdp on research paper writing and publication in science ministry of India from 27/05/2025 to 31/05/2025 and two day fdp on Python programming in industrial perspective on 2/6/2025 and 3/6/2025. She also completed six day Adal FDP amplifying ai: advanced optimization strategies for enhanced performance (IIT kottayam)

MS. PARVATHY E.N.

Ms.Parvathy Completed WIPRO certified faculty program Organized By: Training by wipro from 26th august 2024 to 13th september 2024.



MS. DIVYA K.S.

Ms.Divya K.S has attended Attended six days national level FDP on " Generative AI Revolution: Navigating the opportunities and challenges at FISAT in association with TCS, Kochi on 12th august 2024 to 19th august 2024



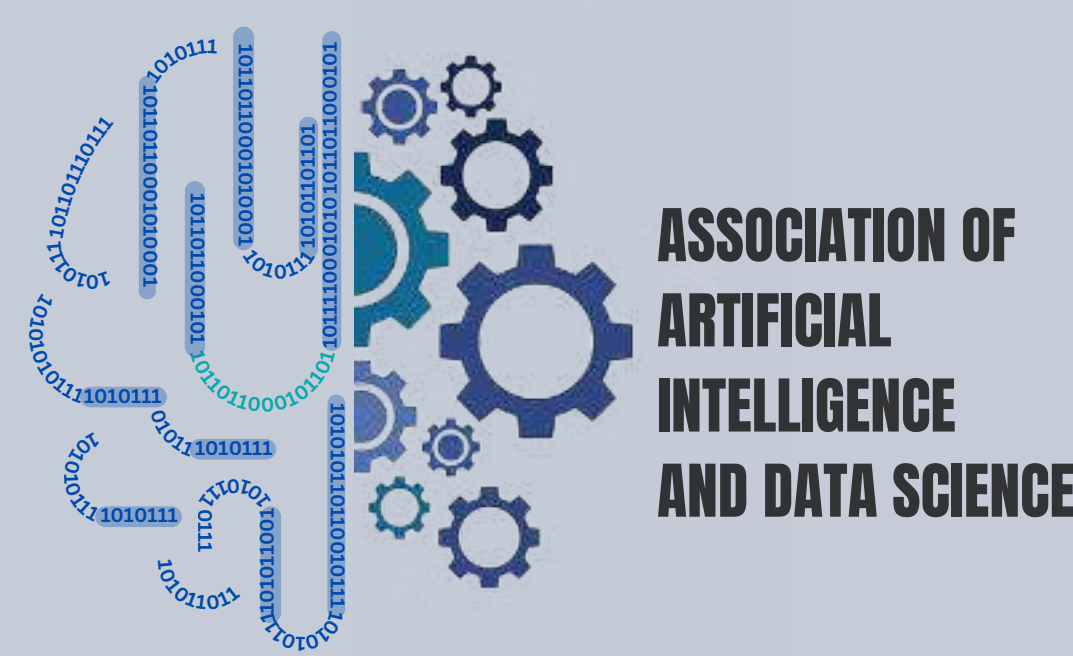
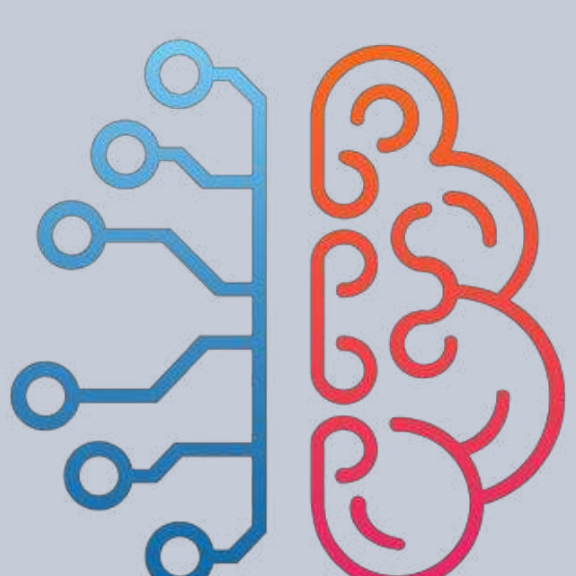
TEAM ACHIEVEMENTS

Ankita Shenoy, Anu Yeldho, James Panikulam, K Sabarinath, Sagar S Abraham (2020 CS(AI) batch) under the guidance of Angel Varghese & Dr. Priya C V published a paper titled 'Design and Functionality of an AGROBOT:A Conceptual Framework' in the proceedings of 5th International Conference on Innovative Trends in Information Technology 2024, organised by IIIT Kottayam. The paper is available in IEEE Xplore (Scopus Indexed). DOI: [10.1109/ICITIIT61487.2024.10580854](https://doi.org/10.1109/ICITIIT61487.2024.10580854). on July 2024.

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STUDENT ACHIEVEMENTS

PLACEMENTS



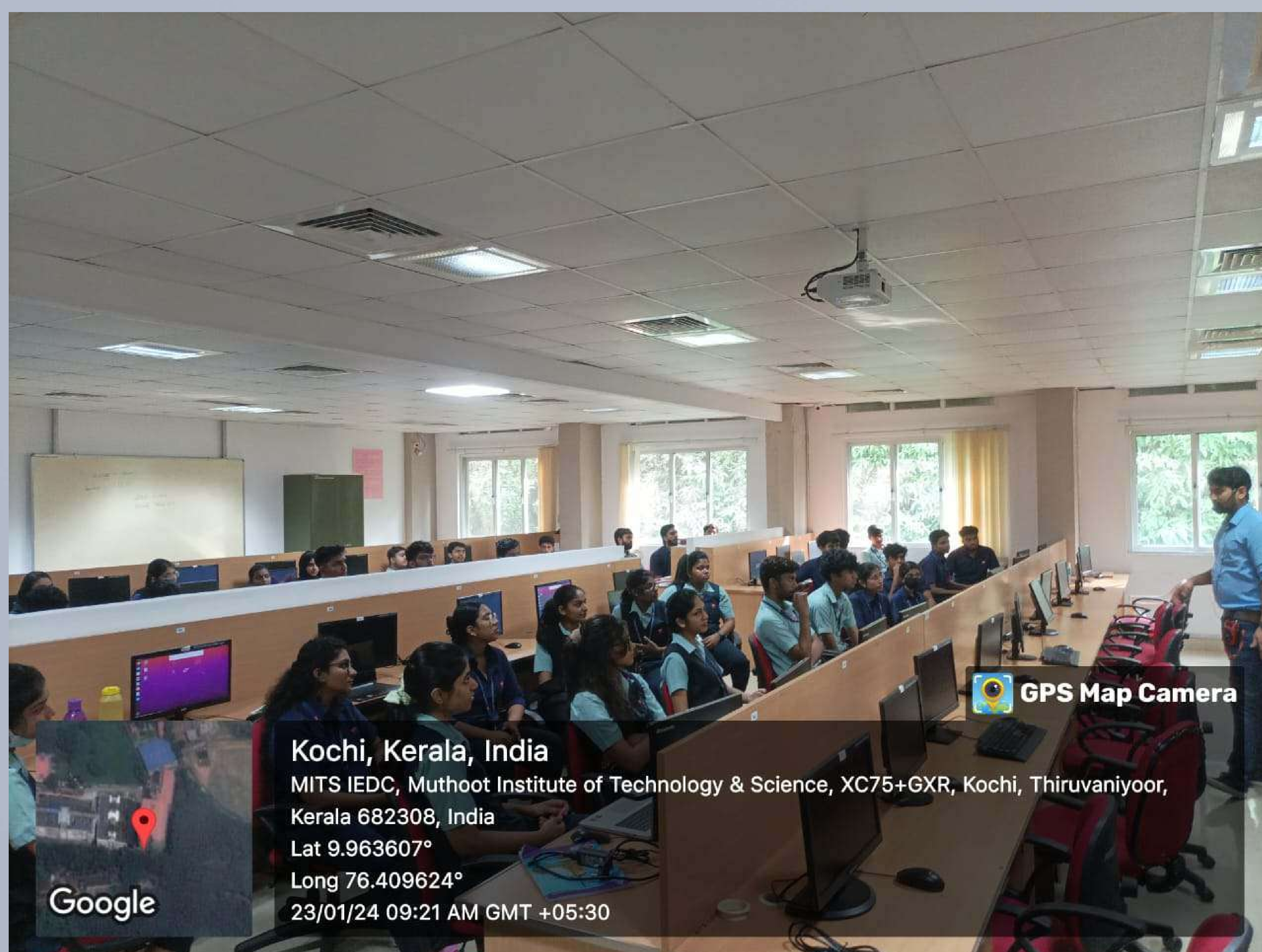
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DEPARTMENT ACHIEVEMENTS

ADD ON COURSE

23-01-2024 JOHN MCCARTHY LAB

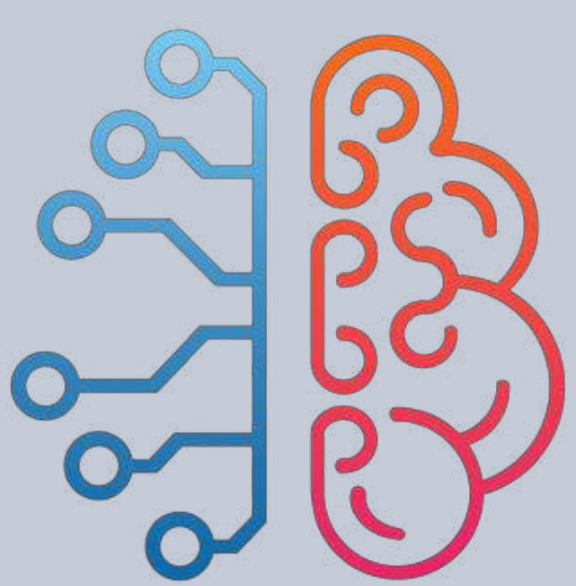
An add-on course in Python and Django web development was offered to S5 AI&DS and S5 CS(AI) students, enhancing their web application building skill. Simultaneously, an additional course in Generative AI and LLM was provided to S7 AI&DS and S7 CS(AI) students, advancing their proficiency in these technologies.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



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INTERNSHIP DETAILS

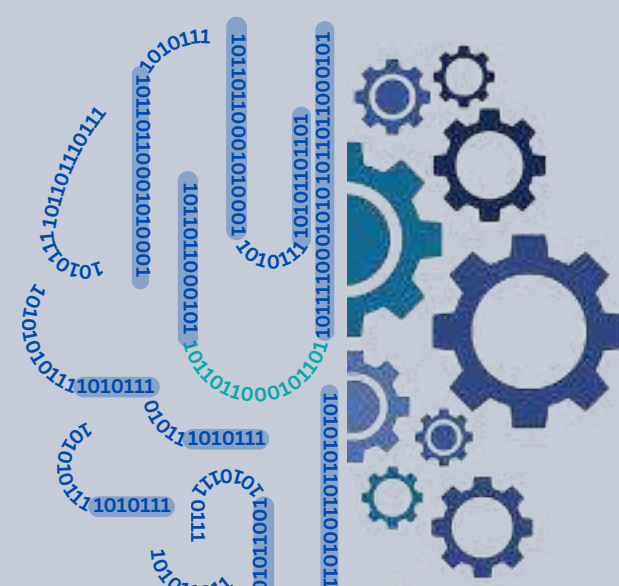
SL No.	Name	Branch	Company
1	AAKASH PRAVEEN	CS AI	ZERO PIXELS
2	ABHIJITH P BIJU	CS AI	MyGate (QA ROLE)
3	ALEX ABRAHAM GEORGE	CS AI	IBM
4	AMY M ELAMBLASSERIAL	CS AI	IBM
5	ASWIN DEV S P	CS AI	ZERO PIXELS
6	AYISHA SAHEED	CS AI	IBM
7	HIMA JYOTHISH	CS AI	IBM
8	MINSA AJI	CS AI	IBM
9	MUHAMMED AFREEN K N	CS 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



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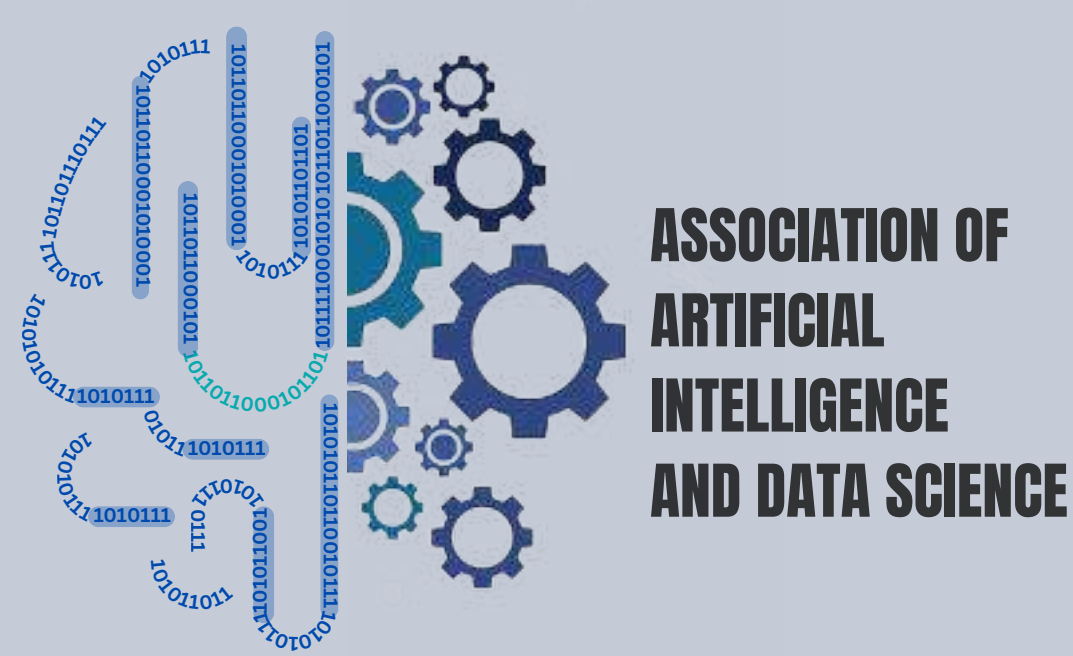
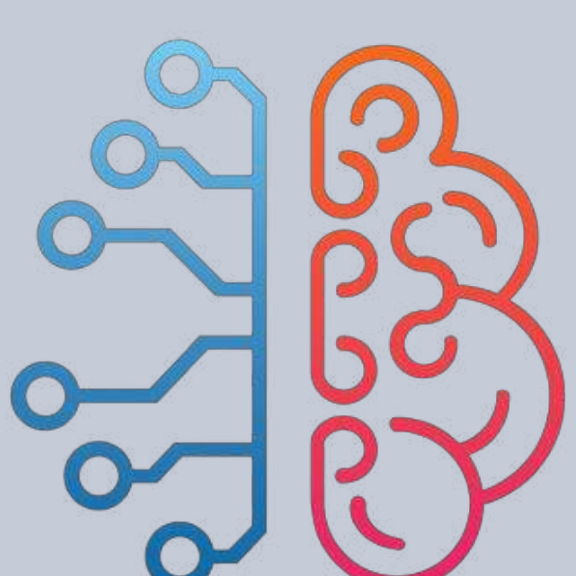
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INTERNSHIP DETAILS



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