Sri Sharada Peetham, Sringeri
Jyothy Charitable Trust

AI THINKLET

2024-25 (FEB-JUL)

DEPARTMENT OF
ARTICIAL INTELLIGENCE & MACHINE LEARNING

INFORMATION. INNOVATION. INSPIRATION

VISION

To transform students into responsible citizens and competent professional by creating environment conductivity to disseminate the knowledge in area of artificial intelligence and machine learning

MISSION

M1: To provide an environment that fosters innovation, creativity, and team spirit.
M2 : To cultivate a culture of high professional ethics, integrity, and transparency.
M3: To impart quality education and promote cutting-edge research in the field of Artificial Intelligence and Machine Learning.
M4: To develop professionals with strong leadership qualities capable of delivering sustainable solutions to global challenges.

TABLE OF CONTENTS

Dr. Madhu B R
Professor and Head

Message from the HOD

I am extremely happy that THINKLET 2024–25 (September - January) is being released. The magazine is a means for students and faculty to exhibit their creative skills. It provides a vibrant platform for sharing their technical knowledge and innovative ideas. The faculty of the department leaves no stone unturned in nurturing the students to express themselves within and outside of their classes.

The department's endeavors produce confident professionals, tuned to a real-time working environment. Students actively team up with the faculty to work on collaborative projects, from which they tend to imbibe the required skills and benefit a lot from their understanding of current opportunities and challenges while developing new technologies within the realm of information science. The magazine serves as a testament to their dedication and passion for learning, fostering an environment where curiosity thrives. It not only showcases academic excellence but also highlights the department's commitment to holistic development, encouraging students to explore, innovate, and push the boundaries of knowledge.

Teaching Faculty

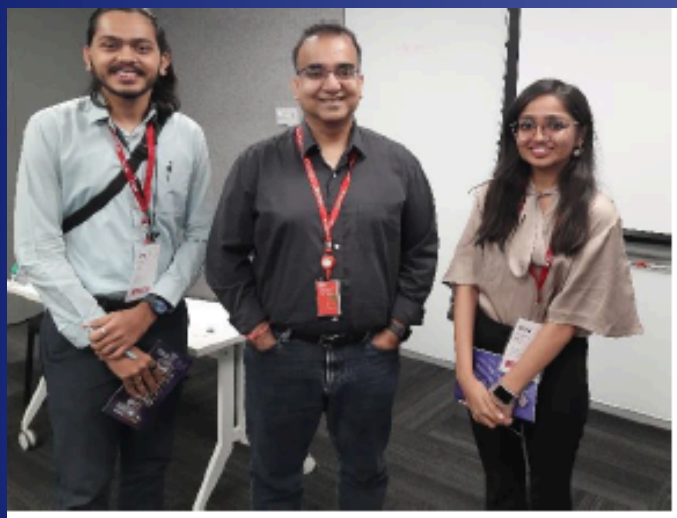
NAME	DESIGNATION	QUALIFICATION
Dr. Madhu B R	Professor and Head	Ph.D
Dr. Manjunath H R	Associate Professor	Ph.D
Dr. Soumya K N	Associate Professor	Ph.D
Mrs. Ramya B N	Assistant Professor	M.Tech
Mr. S Vinodh Kumar	Assistant Professor	M.Tech., (Ph.D)
Mr.Praveen R	Assistant Professor	M.Tech., (Ph.D)
Mrs. Archana V R	Assistant Professor	M.Tech
Mrs. Deepti Das V	Assistant Professor	M.Tech

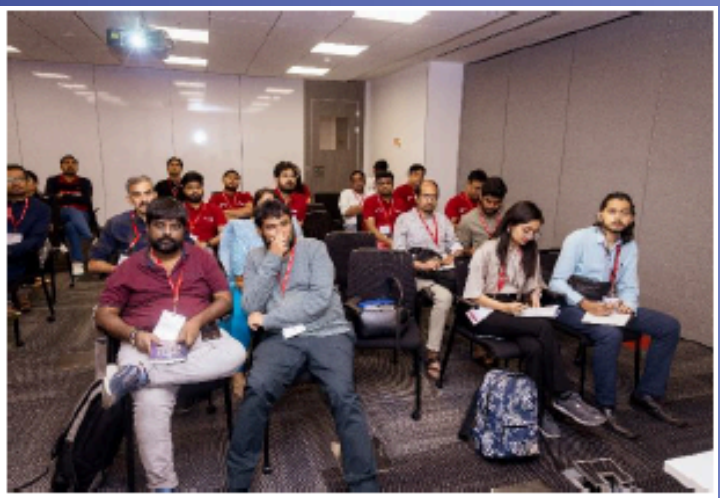
Non Teaching Faculty

NAME	DESIGNATION
Mrs. Pooja R	Second Divisional Clerk

All India Oracle Users Group Yatra 2024

The students of 4th semester AIML, Akash M Athreyas (1JT22AI001) and Khushi S Sorathia (1JT22AI018), recently attended the prestigious All India Oracle Users Group Yatra 2024. This top-notch event covered a wide range of topics, showcasing the latest advancements in Oracle technologies. Expert speakers from around the globe shared their extensive knowledge and experiences, offering valuable insights and practical tips. Akash and Khushi actively participated in the sessions, gaining in-depth understanding of cutting-edge Oracle tools and methodologies. The Yatra provided an excellent platform for networking, learning, and professional growth, equipping our students with the skills and knowledge to excel in their future careers. Their participation highlights our commitment to fostering academic excellence and industry readiness among our students. 176





Project Exhibition AIML Department Project Exhibition 2024

The Project Exhibition held on 07-05-2024 was a resounding success, highlighting the creativity and technical prowess of the students from the Department of Artificial Intelligence and Machine Learning.

Mr. Shravan S Bharadwaj praised the students for their exceptional projects and motivated them to continue exploring the vast possibilities in technology. The winners were then announced: Team 02 won first place for their project “Data Wizard” securing Rs. 3000/-, followed by Team 03 with Rs. 2000/- for their AI-based CCTV video storage optimization, and Team 05 with Rs. 1000/- for their pioneering pneumonia detection model using Vision Transformers.

- The students of 6th semester AIML Jahnavi P (1JT21AI017) & Amrutha Surabhi(1JT21AI002) have successfully achieved 2nd Prize in the Event "Tech It to Win It" in a techno cultural fest conducted at Coorg Institute of Technology on 11th June2024.
- Neethu, Raksha, Kruthika, Sharanya Naresh under the guidance of Dr.Madhu BR bagged the "Best exhibit project award" for their project titled – "Data Wizard" in the Annual state level poster presentation and project exhibition competition held in Sharnbasva University, Kalaburgi.

•Aryan M(1JT22AI004) student of 4 th semester AIML participated in 5000 metres run in VTU meet.

•Asritha Y (1JT22AI004) student of 4 th semester AIML participated in Javeline throw and shot put in the annual VTU athletic meet held this year.

•Thanmayi B (1JT22AI0053) student of 4 th semester AIML participated in 4x100 relay in the annual VTU athletic meet held this year.

The students of 4th semester AIML, Akash M Athreyas (1JT22AI001) and Khushi S Sorathia(1JT22AI018), recently attended the prestigious All India Oracle.The Yatra provided an excellent platform for networking, learning, and professional growth, equipping our students with the skills and knowledge to excel in their future careers. Their participation highlights our commitment to fostering academic excellence and industry readiness among our students.

STUDENT ACHIEVEMENTS

In today's dynamic educational landscape, the role of technology in fosteringlearning experiences continues to evolve. A notable challenge is addressingquestions that go beyond traditional teaching materials. To bridge this gap, a newsolution has emerged: "The teaching assistant bot." This AI-powered assistantaddresses specific queries promptly and effectively, enriching the educationalexperience by providing accurate and accessible explanations for both students andinstructors.Students are enhancing classroom learning using a Raspberry Pi 3 model B andPython programming. By embedding their code into the Pi, they're creating a custom teaching assistant to address various questions and provide tailoredexplanations. This DIY approach demonstrates how technology can empowerstudents to innovate in education, making complex concepts more accessible andfostering a deeper understanding among peers.In conclusion, students from the AIML department, including Aniruddha H D,Koyilada Jahnavi, Priya R Vishwaroop, and Sriraksha S, have shown how technology can improve education. This project highlights the benefits of practicallearning and teamwork in making education more effective.