

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT),  
CHANGA – 388 421**

**Chandubhai S. Patel Institute of Technology  
Department of Artificial Intelligence and Machine Learning**



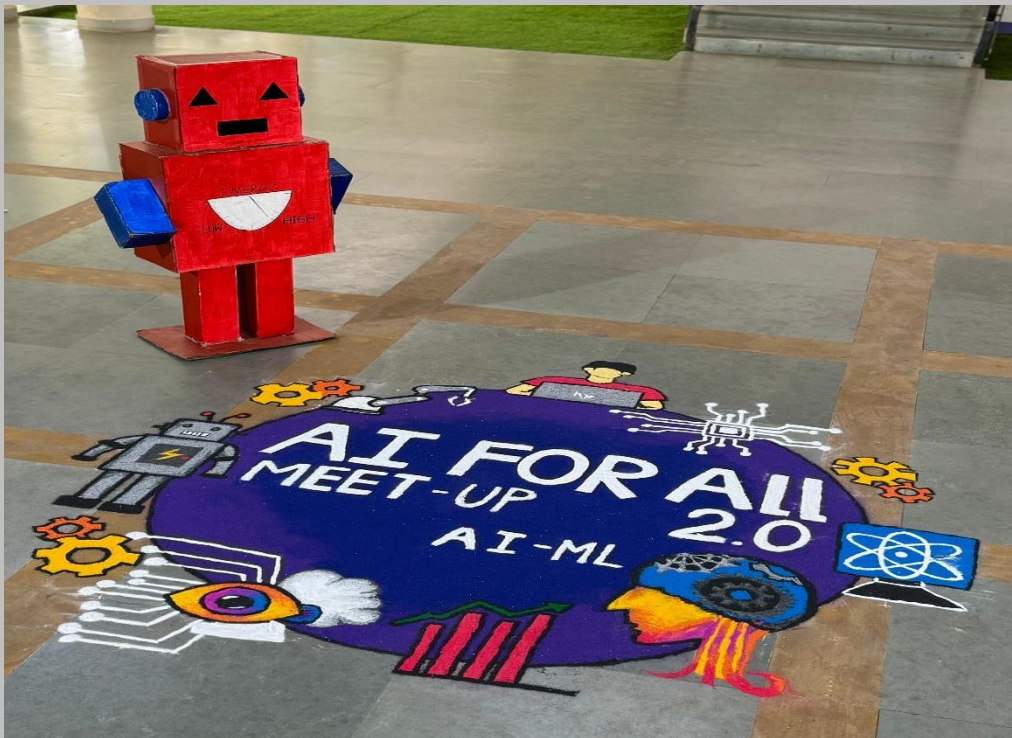
### **Event Overview**

- **Date:** 5<sup>th</sup> October, 2024
- **Time:** 12:00 PM to 3:00 PM
- **Location:** CSPIT, Charusat University, Changa
- **Organizer:** Department of Artificial Intelligence and Machine Learning (AIML)
- **Attendees:** Industry Experts, Dean, Principal, HoDs, Faculty members, Students

### **Purpose of the Meetup**

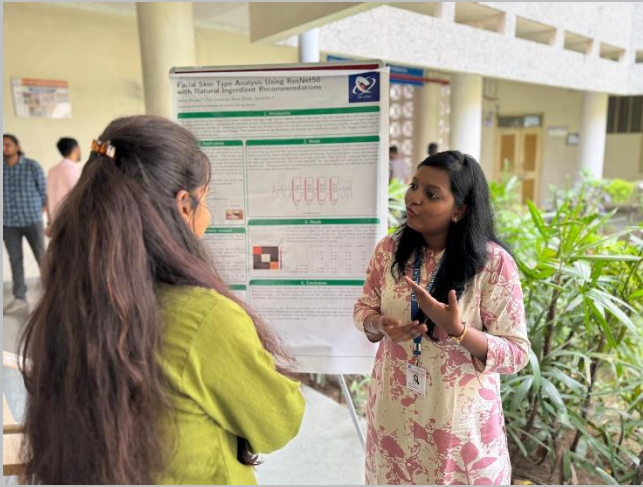
- ✓ “AI for ALL” event was organized by the Department of AI-ML in CSPIT, CHARUSAT. The primary purpose of this event was to connect the industry experts and students to explore current trends, technologies, and problems that need more attention in which AI technologies can be incorporated.
- ✓ The goal is to bring together experts, academia, researchers, and undergraduate AI-ML students to address present-day socio-economic concerns and promote AI tools and technology for better solutions.
- ✓ The event aimed to introduce AI technology, their practical uses, and future possibilities. It aimed to make AI available to everyone, regardless of background or experience, by creating an inclusive learning environment.

## AI for All Meetup 2.0



Dr. Nirav Bhatt (HoD, Department of AIML) kicked off the program by underlining the aim of our gathering and the revolutionary role of AI in today's environment. His ideas demonstrated how AI is more than just a tool; it is a catalyst for creativity, influencing the future of numerous industries.

## Faculty and Students' Interaction with the industry experts and academicians



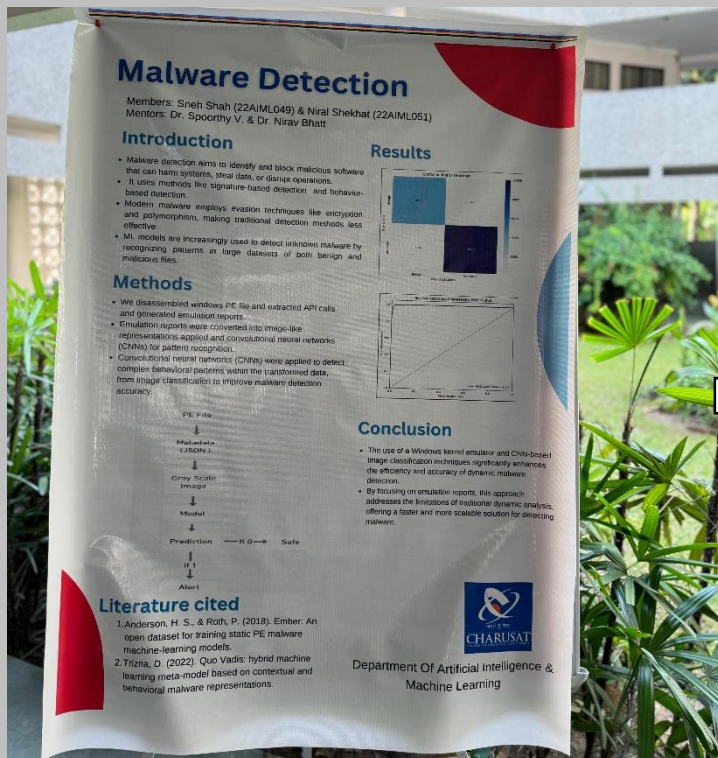
Project presentation showcased the incredible synergy between students and teachers, highlighting the essence of collaborative learning.

Each interaction was filled with enthusiasm, curiosity, and a shared commitment to learning.





## AI based poster project presentation by Students



- The malware detection project utilized deep learning techniques to classify files as malicious or clean.

- It employed binary classification.

- The goal was to enhance detection accuracy and automate malware identification processes.

~ Niral Shekhat & Sneh Shah

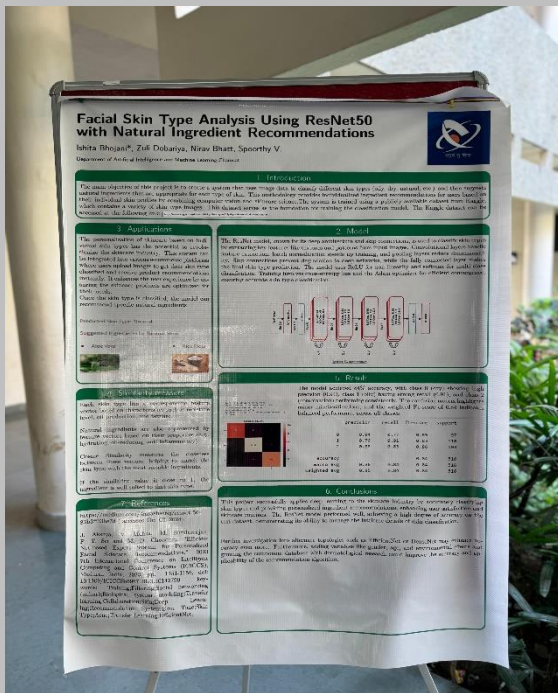
- The AI Enable Smart Bin uses AI to identify and sort waste based on the sound it makes when disposed off.

- It reduces human errors, increases recycling rates, and is scalable for homes, offices, and public spaces.

- The project is in the preparation phase, with plans for further development and implementation.

~ Deep Kakadiya, Dhwani Navadia, Dhairya Isotiya, Yug Thummar





- The research classifies facial skin types (combination, oily, dry) using image data, achieving 84% accuracy.

- Performance metrics like recall, F1-score, and precision show balanced and efficient classification with few misclassifications.

- The system offers personalized skincare suggestions, with potential future enhancements considering factors like age and environment.

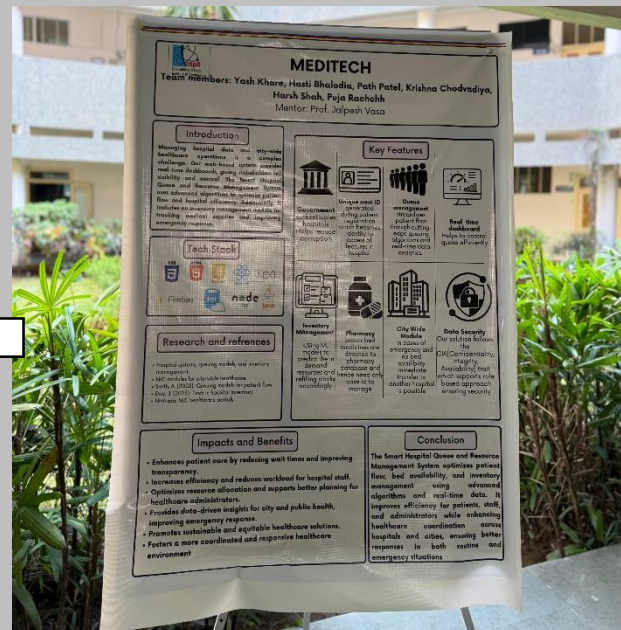
~ Ishita Bhojan

- The project develops a hospital queuing and bed management system integrated with city-wide healthcare modules.

- It optimizes patient registration, OPD queuing, bed tracking, and inventory management using real-time data to reduce wait times and improve resource utilization.

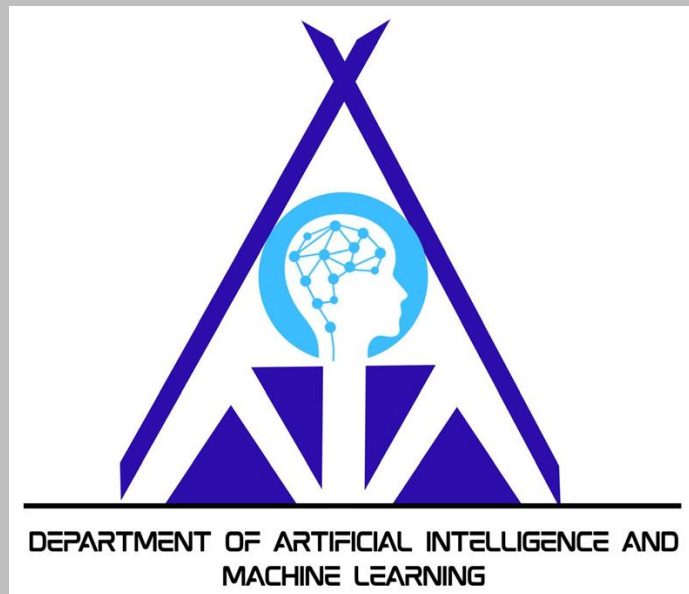
- The system also aids public health authorities with data for better resource planning and emergency response.

~ Yash Khare, Puja Rachch, Path Patel, Krishna Chodvadiya, Harsh Shah, Hasti Bhalodia





Launching official logo of Department of Artificial Intelligence & Machine Learning



Launching yearbook of AIML department “SAAR 2024”



## Industry Experts present for the AI for ALL Event



*Figure 1: Introduction of the experts done by Dr. Nirav Bhatt*



*Figure 2: Andhariya Malay A from Oracle india pvt Ltd*



*Figure 3: Vivek Shah from Capermint Technologies*

**Program Outcomes:**

- ✓ One of the key outcome of this event is the exposure of current AI technologies and tools to the students.
- ✓ The industry experts offered collaborative projects to the students.
- ✓ The discussion panel opened upto many project ideas which needs attention of the academicians, research scholars as well as industry.
- ✓ The academicians from the other institutes of the CHARUSAT university also provided multiple project definitions which will provide opportunities for interdisciplinary research.
- ✓ Two projects from the project poster presentations were chosen for filing patents.