

# Annamalai University

## Department of Computer and Information Science

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### Report on Poster Presentation for M.C.A. Students

A **Poster Presentation** was conducted on **26.09.2024 (Thursday)** between **2:00 p.m. and 5:00 p.m.** at the **Department of Computer and Information Science, Annamalai University**. The event aimed to enhance students' **awareness and understanding of current and emerging topics** in computer science through visual learning and peer interaction.

The event was **coordinated by Dr. M. Jeyakarthic** under the **guidance of Dr. L.R. Aravind Babu**, Head of the Department.



M.C.A. students actively participated by preparing and presenting posters on a variety of contemporary topics. These posters offered concise, informative snapshots of their respective areas and sparked discussions among peers and faculty alike.

### List of Participants with Poster Topics and Nutshell Descriptions:

Student Name	Topic	Nutshell Information
Nandhini R L	Extended Reality	Combines real and virtual environments to enhance user experience through AR and VR.
Deepika S	Top Python Libraries	Overview of popular libraries like NumPy, Pandas, Matplotlib, and TensorFlow.
Vijayavelan K	Types of Malwares	Explanation of viruses, worms, Trojans, ransomware, and spyware.
Aruna A	KNN Algorithm	A simple ML algorithm that classifies data based on the majority of its nearest neighbors.
Sornalatha N	Decision Tree	A tree-like ML model used for decision making and classification tasks.
Yuvaraj G	Random Forest	An ensemble learning method that uses multiple decision trees for better accuracy.
G. Bharathi	Logistic Regression	A classification algorithm used for binary and multi-class prediction.
Nivya V B	Linear Regression	A basic ML technique to model the relationship between dependent and independent variables.
Vaishnavi D	Cyber Attack	An insight into types of cyber threats like phishing, DDoS, and hacking.
Priyadarshini N	Data Visualization	Techniques and tools for representing data graphically to uncover insights.
Sneha S	Programming Languages and Uses	A comparison of languages like C, Java, Python, and their applications.
Yamalai N	Java vs Python	Key differences in syntax, performance, and use cases between the two languages.
Vinotha D	Signal Propagation Effects	Describes how signals travel and the challenges like fading, reflection, and noise.
Dhandayuthabani T	ML and AI in	Use of AI/ML for autonomous driving,

Student Name	Topic	Nutshell Information
	Automotive Industry	diagnostics, and predictive maintenance.
<b>Ariharamoorthy P</b>	Bandwidth Management	Methods to optimize and allocate bandwidth efficiently in networks.
<b>Vennila V</b>	How Machine Learning Works	Overview of the ML workflow: data collection, model training, and prediction.
<b>Jeeva E</b>	Mobile Computing: CSMA-CD	A protocol for network communication to avoid data collisions in mobile computing.
<b>Vaishali S</b>	About Artificial Intelligence (AI)	Introduction to AI and its role in automation, decision-making, and data analysis.
<b>Jayasri K</b>	Change Your Word... Change Your Mind	A motivational tech-themed topic exploring positive thinking in digital communication.
<b>Subhiksha G</b>	Naïve Bayes Algorithm	A probabilistic classifier based on Bayes' theorem for text classification and spam detection.
<b>Thamilmathi N</b>	Multi Linear Regression	A model that explains the relationship between one dependent and multiple independent variables.

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The department congratulates all student participants for their creativity, clarity, and commitment in delivering high-quality posters. Special thanks to the faculty members and organizers for making this event a meaningful learning experience.

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