



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF CSE (DATA SCIENCE)

DATA ANALYTICS CLUB

13-07-2026

A Report on the Data Analytics Club Activity

As part of the technical activities under the **Data Analytics Club** of the Department of CSE (Data Science), this event was conducted.

Name of the Event: Technical Seminar

Name of the Topic: AI Agents: The future automation

Name of the Speaker: P. Sameera (25A35A4413)

Date of the Event: 11-07-2026

Time of the Event: 11:00 AM TO 12:00 PM

Venue of the Event: CF – 8(TECH BLOCK)

A total of 72 students attended this event. All the students have actively participated in the event.

BRIEF WRITE – UP OF THE EVENT:

The Data Analytics Club organized an engaging technical session on "**AI Agents: The Future of Automation.**" The session aimed to introduce students to the concept of AI agents, their working principles, and their growing role in automating tasks across various industries.

The speaker began by explaining how Artificial Intelligence is transforming the way people work and how AI agents are becoming an important part of modern technology. Students learned how AI agents can perceive information, make decisions, and perform tasks with minimal human intervention. Real-world examples and demonstrations helped participants understand the practical applications of AI agents in everyday life.

1. Introduction to AI Agents

- AI agents are intelligent software systems that can perceive, reason, make decisions, and perform tasks autonomously.
- They use technologies such as Artificial Intelligence (AI), Machine Learning (ML), and Natural Language Processing (NLP) to solve problems and automate workflows.



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2. Applications of AI Agents

- AI agents are widely used in healthcare, education, banking, customer support, manufacturing, e-commerce, and transportation.
- Popular AI agents such as ChatGPT, Google Gemini, Microsoft Copilot, and virtual assistants were discussed to demonstrate real-world use cases.

3. Benefits, Challenges, and Future Scope

- AI agents improve productivity, reduce repetitive work, support faster decision-making, and operate continuously.
- The session also highlighted challenges such as data privacy, security, ethical concerns, bias in AI systems, and the need for responsible AI development.
- The future of AI agents includes smarter automation, human-AI collaboration, and increased adoption across industries.

HIGHLIGHTS AND KEY TAKEAWAYS:

- Understanding the concept and working of AI agents.
- Real-world applications of AI agents across different industries.
- Benefits of automation using AI in improving productivity and efficiency.
- Awareness of ethical challenges, privacy, and responsible AI usage.
- AI agents are transforming the future of automation by enabling intelligent decision-making and supporting humans in solving complex tasks.

POST-EVENT FEEDBACK:

Participants found the session highly informative, interactive, and relevant to current technology trends. Students appreciated the real-world examples, demonstrations, and discussions on AI tools and automation. The session increased awareness about AI agents, their practical applications, career opportunities, and the importance of learning AI-related technologies for future professional growth.

Questions Raised by Students:

- How can beginners start learning AI agents and automation?
- What is the difference between AI agents and chatbots?



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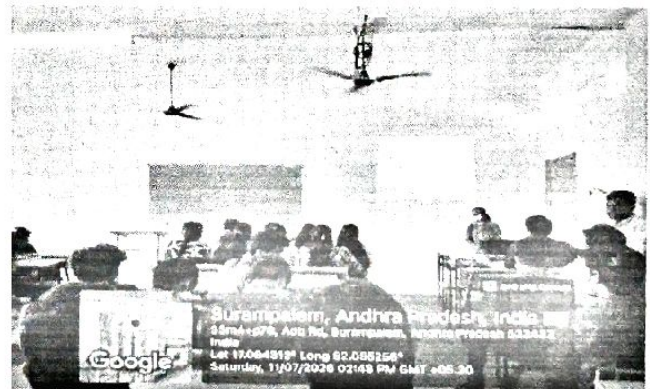
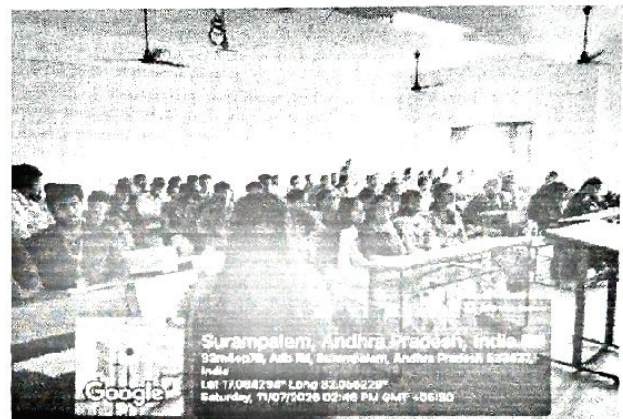
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- Which programming languages and tools are required to build AI agents?
- What are the career opportunities in Artificial Intelligence and AI Agent development?
- How can AI agents be used in real-world projects and businesses?

PHOTOGRAPHS FROM THE EVENT:




Faculty Coordinator


HOD - CSE (DS)

