



MGM's COLLEGE OF ENGINEERING, NANDED

Near Air-port, Hingoli Road, Nanded-431605.
Department of Computer Science and Engineering

[Co-curricular or Extra-curricular Activity]

Name of Activity: MACHINE LEARNING TO AI AGENTS	
Prepared by: Dr. B. S. Kapre, Ms. N. L. Pariyal, Ms. M. H. Khan	Date: 14 th October 2025

Introduction:

The Department of Computer Science and Engineering, in collaboration with the Institute of Engineers (India) Students' Chapter, successfully organized an expert talk on "Machine Learning to AI Agents." The session was conducted by Mr. Atul Kahate, a renowned Software Professional, Trainer, and Author with over 25 years of industrial experience and more than 80 published books.

His expertise in Artificial Intelligence, Machine Learning, Cryptography, and Computer Networks made him an excellent resource person for this insightful session. The event commenced with a formal welcome, followed by an introduction of Mr. Kahate by the Head of the Department of Computer Science and Engineering, Dr. A. M. Rajurkar mam.

His vast experience in emerging technologies, industry projects, and technical education provided deep insights to the participants. Designed to enhance students' understanding of modern AI concepts, the session covered the evolution of Machine Learning, AI Agents, real-world applications, and the future of intelligent systems.

Mr. Kahate explained the fundamentals of AI, discussed agent-based systems, and demonstrated how industries are adopting intelligent automation. His interactive examples and real-time discussions kept students engaged throughout the session. Participants gained a clear understanding of the transition from traditional ML models to advanced AI agents capable of decision-making and autonomous operations.



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Activity Details:

- Date: 14th October 2025
- Time: 10:00 AM – 1:00 PM
- Duration: 3 Hours
- Location: Seminar Hall, Dept. of CSE

Participants:

- Number of participants: 120
- Class: CSE (All Years)

Outcome of the Event:

The expert talk enriched students' understanding of Machine Learning, AI Agents, and their role in modern technology. Participants gained theoretical and real-world knowledge, inspiring them to explore advanced AI concepts. The session motivated students to learn continuously and understand the growing importance of AI in various industries.

Relevance with Program Outcomes:

Engineering Knowledge (PO1):

The session strengthened students' foundational understanding of Artificial Intelligence and Machine Learning concepts.

Problem Analysis (PO2):

Students developed analytical thinking through real-world examples and problem scenarios discussed during the session.



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Design/Development of Solutions (PO3):

The event encouraged students to think about designing intelligent systems and AI-based solutions.

Modern Tool Usage (PO5):

Exposure to modern AI frameworks and agent-based technologies enhanced students' awareness of current tools and methodologies.

Lifelong Learning (PO12):

The session encouraged continuous learning as students explored emerging AI advancements and industrial trends.

Feedback:

The session on AI Agents was very insightful, as Mr. Kahate explained complex topics in a clear and easy-to-understand manner. It was truly inspiring to learn from such an experienced professional, and the use of real-world examples made the concepts more practical and easier to grasp.

Areas for Improvement:

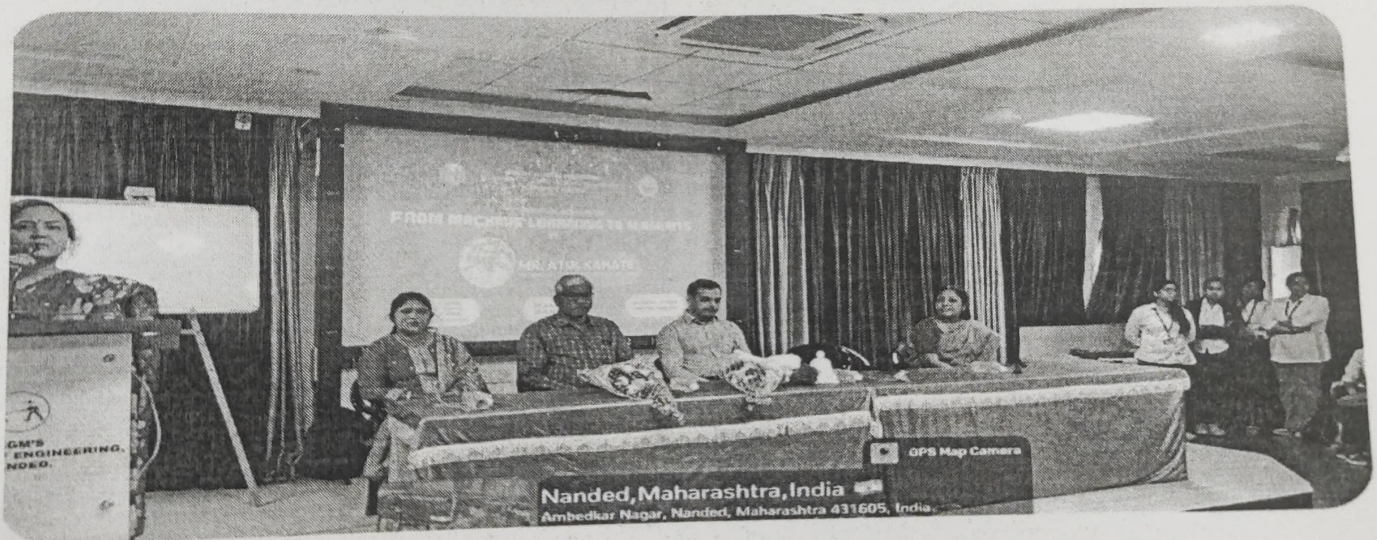
"More hands-on demonstrations related to AI tools would have enhanced the learning experience."



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Attachments:



Dr. B. S. Kapre

Ms. N. L. Pariyal

Ms. M. H. Khan
Event Co-ordinator

Dr. A. M. Rajurkar
Head, Dept of CSE