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COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

An Autonomous Institute Affiliated to Savitribai Phule Pune University
Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra
Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes



Department of Artificial Intelligence & Machine Learning Organized Workshop on

"AI for Atmanirbhar Bharat"

The **Department of Artificial Intelligence and Machine Learning**, organized a workshop on **"AI for Atmanirbhar Bharat"** on **4th February 2026**. The sessions by **Dr. Vivek Patil** and **Mr. Mohanraam Pillai** provided valuable insights into Artificial Intelligence, innovation, and industry practices, inspiring students to explore emerging technologies and contribute towards building an **Atmanirbhar Bharat**.

Session 1: AI for Awareness

1. Objectives of the Program:

The objective of Session 1 was to create awareness among students and faculty about the role of Artificial Intelligence in strengthening India's self-reliance under the vision of *Atmanirbhar Bharat*. The session aimed to highlight indigenous AI innovations, encourage research-driven problem solving, and inspire students to develop AI-based solutions for national development. It also focused on bridging the gap between academic learning and real-world AI applications by promoting innovation, entrepreneurship, and industry readiness.

2. Participants' Benefits/Outcomes:

Participants gained valuable insights into how Artificial Intelligence contributes to building a self-reliant India across sectors such as healthcare, manufacturing, agriculture, and defense through expert discussions and real-world examples. The session included **hands-on training in Generative AI**, where participants performed live coding using **Google Colab and Hugging Face platforms**. Students also learned about **Agentic AI** and its ability to design autonomous, task-performing AI systems. The session enhanced practical AI skills, motivated students toward research and startups, and strengthened technical competence and innovation mindset.



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Session 2: Artificial Intelligence in Robotics

1. Objectives of the Program:

The objective of Session 2 was to familiarize students with the role of Artificial Intelligence in transforming modern robotic technologies. The session aimed to enhance understanding of core AI concepts such as machine learning, computer vision, intelligent control, and their applications in robotic systems. It focused on integrating AI algorithms with sensors, actuators, and embedded systems for autonomous decision-making and real-time operations. Another key objective was to foster an innovation-oriented mind-set by encouraging AI-driven solutions in industrial automation, healthcare, agriculture, and service robotics.

2. Participants' Benefits / Outcomes:

Participants gained a clear understanding of how AI enhances robotic perception, decisionmaking, and autonomous behaviour. The session helped students connect theoretical concepts with practical applications through exposure to current tools, technologies, and industry practices in AI-driven robotics. Students improved analytical and problem-solving skills and developed awareness of interdisciplinary collaboration involving electronics, control systems, software, and data-driven intelligence. The session prepared participants to contribute effectively to the evolving field of intelligent and autonomous robotic systems.



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Some glimpses of the program:



AI FOR ATMANIRBHAR BHARAT

Workshop organised by Department of Artificial Intelligence and Machine Learning and Department of Robotics and Automation

Distinguished Guests

Dr. Vivek Patil AI Researcher, VIT Speaker	Mr. Mohanraam Pillai Certified Scrum Master Speaker
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**4th Feb 2026**
Wednesday

**3rd Floor ,CITP Hall**
AISSMS COE

**10:00 AM-03:00 PM**

Dr. P. S. Gajjal HOD, R&A	Dr. D. M. Ujalambkar HOD, AIML
Dr. V. N. Patil Dean, Innovtion, Incubation and Entrepreneurship	Dr D. S. Bormane Principal

Faculty Co-Ordinators

Dr. S. F. Sayyad
Prof. V. V. Waykule
Dr. Archana Ubale
Prof. K. S. Hangargi
Prof. D. R. Kamble





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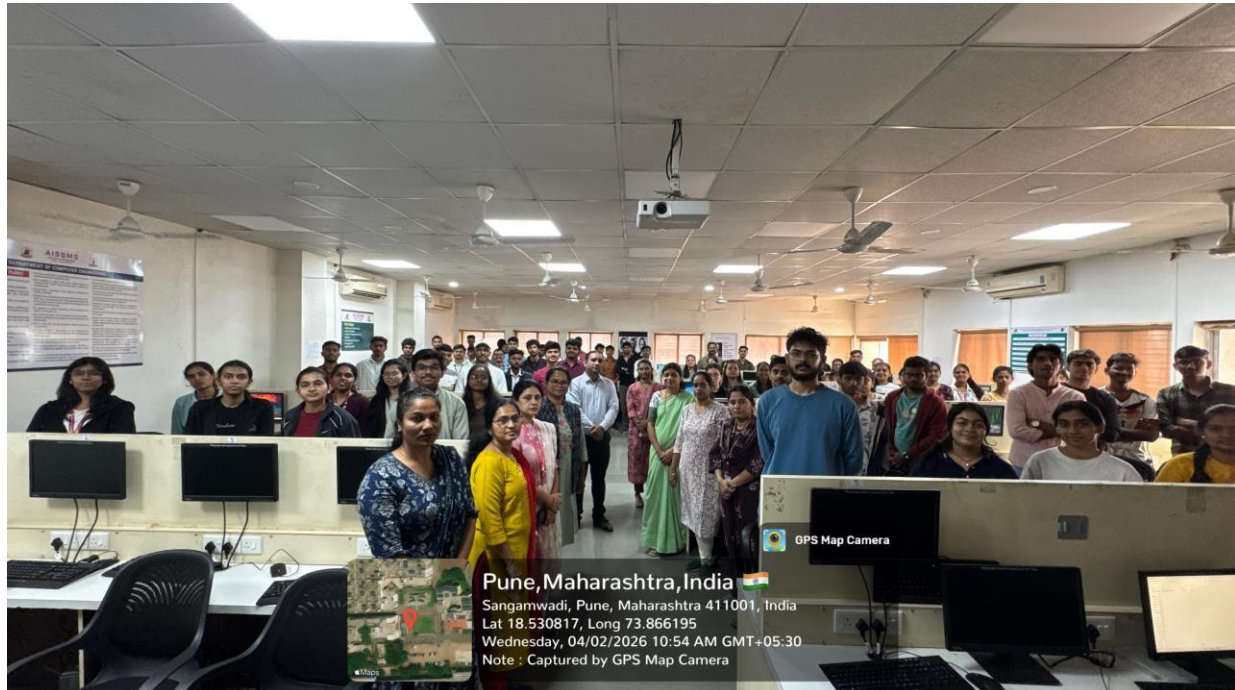
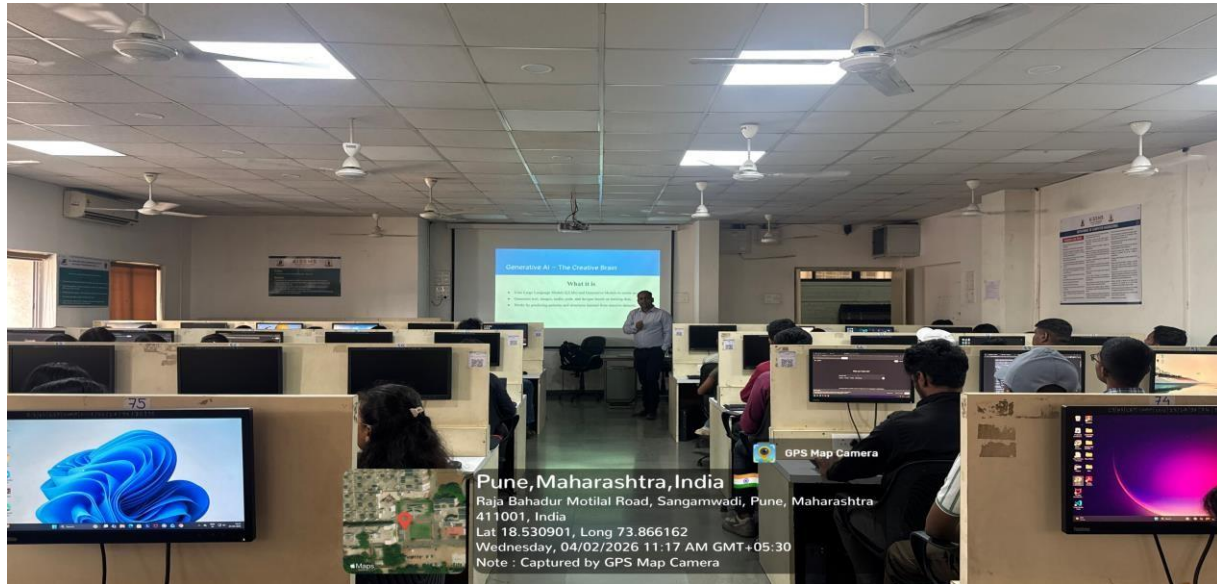
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Photograph 1: Expert delivering Session 1 on AI for Awareness



Photograph 2: Students actively participating in hands-on Generative AI session

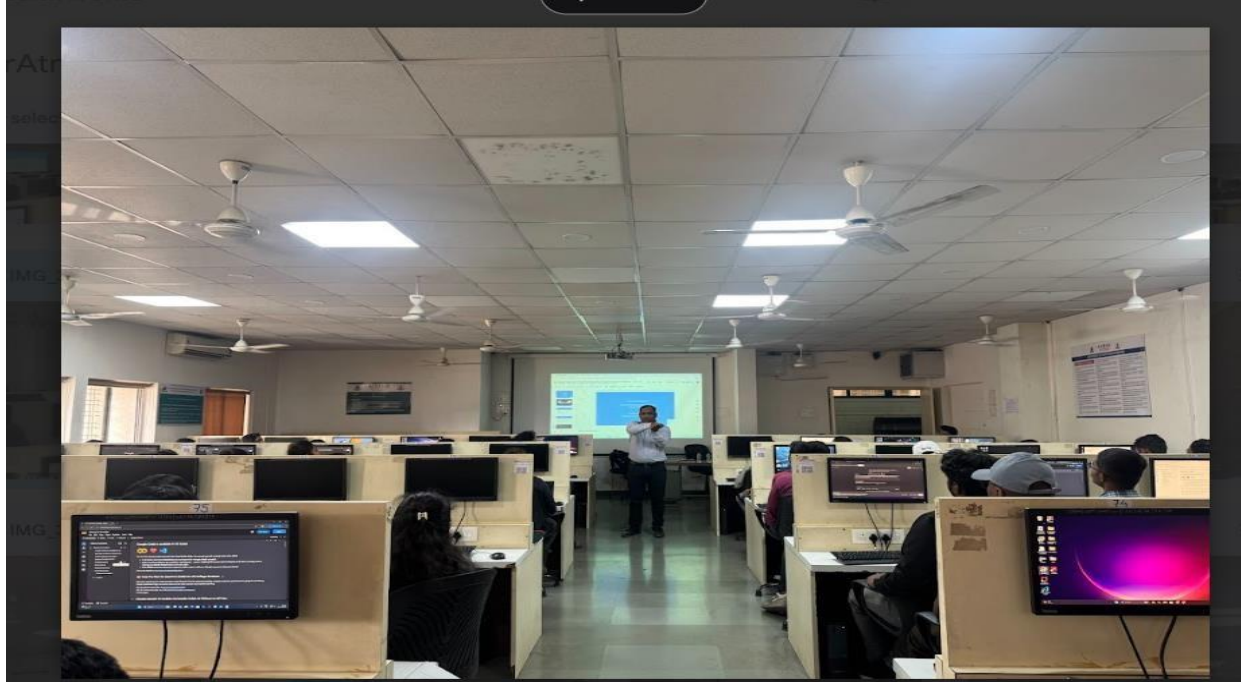


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Photograph 3: Expert explaining AI concepts in Robotics



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1. Participants information:



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AISSMS COE Pune Students	100+
AISSMS COE Pune Faculty	10
Other than AISSMS COE Pune participants	NIL

3. Social Media Published Links:

Social media published links	https://drive.google.com/drive/folders/1mL_95nRTNetsPa9_atn8yW41MmQzUb4T?usp=drive_link
College LinkedIn	https://www.linkedin.com/posts/aissms-coe_the-department-of-artificialintelligence-activity-7424364568535236610-Xj3c?utm_source=share&utm_medium=member_ios&rcm=ACoAAGEm2ZQBI6QGWqtVz0PYYclUGkT-IZxWL_s https://www.instagram.com/p/DUiEtMDD57v/?igsh=aTQ5bmJueWh5OWgy https://www.linkedin.com/posts/aissms-coe_the-department-of-artificialintelligence-activity-7424364568535236610-Xj3c?utm_source=share&utm_medium=member_android&rcm=ACoAAC56wcBP-H711t9iMvpbxFo9EdhqZodiVE https://www.facebook.com/100063733543529/posts/pfbid02nT4bUvw7sEuG6oHt2kiV4A9pAVWhppEBhwBMgMPv2T3UWpE9tMLQn28EsFC6DVcZI/?mibextid=Nif5oz
College Facebook	https://www.facebook.com/100063733543529/posts/pfbid02nT4bUvw7sEuG6oHt2kiV4A9pAVWhppEBhwBMgMPv2T3UWpE9tMLQn28EsFC6DVcZI/?mibextid=Nif5oz

K S Hangargi
D R Kamble
Name of Coordinator

Head of Department
Artificial Intelligence &
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AISSMS COE, Pune-1

Dr. D M Ujalambkar
HOD



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