

Vikrant University, Gwalior
Report on
AI Awareness Week

In line with the All-India Council for Technical Education (AICTE) declaring 2025 as the Year of AI, the School of Engineering & Technology and the Department of Computer Science & Engineering has organized an AI Awareness Week.

Academic Year	2024-2025
Activity Driven By	Department of Computer Science & Engineering
Activity Name	AI Awareness Week
Organizing Department	Computer Science and Engineering
Name of the Speaker/Guest and Designation	<ol style="list-style-type: none"> 1. Speaker: Prof. Dileep S. Rajput, Assistant Professor CSE 2. Prof. Surjeet S. Parihar, Assistant Professor CSE 3. Prof. Sandeep Tiwari, Assistant Professor CSE 4. Prof. (Dr.) Shashank Swami, Assistant Professor CSE 5. Prof. Dr. Naveen Singh, HOI Natural & Applied Science 6. Mr. Rahul Jha, Quality Analyst, Turing Technology
Program Starts Date	13th January 2025
Program Ending Date	18th January 2025
Number of student Participants	Approx 400
Mode of Delivery	Offline
Objectives	The primary goal of AI Week is to raise awareness about Artificial intelligence (AI) across various disciplines at Vikrant University.
Benefits in terms of learning/skill/knowledge development/ Outcome	The program will involve expert speakers from different fields who will share insights into how AI is revolutionizing their respective domains. Each day will cater to a specific school, ensuring relevance to their area of study.
Event Coordinator (s)	Shashi Pratap Singh Tomar
Facebook link	https://www.facebook.com/share/p/1XLaDK5hzH/ https://www.facebook.com/share/p/15pStX34TA/ https://www.facebook.com/share/p/19mvyQioit/ https://www.facebook.com/share/p/1EyAYM7eAE/ https://www.facebook.com/share/p/1AySqUJAnH/



Detailed Report on AI Awareness Week

Day 1: 13th January 2025

📍 School of Legal Studies

🗣️ Speaker: Prof. Dileep S. Rajput

💡 Topic: "AI and its Role in Legal Technology and Case Prediction"

Outcomes -

1. **AI in Legal Technology:** Participants learned how artificial intelligence is being applied to the legal field to automate tasks such as document review, legal research, and contract analysis.
2. **Better Decision Making:** The seminar demonstrated how lawyers can make better decisions using AI tools by analyzing data and predicting case outcomes based on previous judgments and legal patterns.
3. **Efficiency in Legal Processes:** Attendees discovered how AI saves time by reducing human effort in repetitive legal tasks, enabling legal professionals to focus on more complex aspects of their work.
4. **Ethical and Practical Considerations:** Discussions explored the ethical implications of using AI in the legal field and the importance of ensuring responsible and fair application of AI tools.
5. **Future of Legal Practice:** The seminar highlighted future trends in AI technology that will enhance the accessibility and efficiency of the legal profession.

Day 2: 15th January 2025

📍 School of Management & Commerce

🗣️ Speaker: Prof. Surjeet S. Parihar

💡 Topic: "AI in Business Decision Making and Strategy"

Outcomes -

1. **Better Decisions**
AI helps businesses make smarter and faster decisions by analyzing data and predicting outcomes more accurately.
2. **Improved Strategies**
It helps companies create more effective plans by identifying trends and patterns that humans might miss.
3. **Saving Time and Money**
AI automates repetitive tasks, which reduces costs and allows employees to focus on creative and strategic work.



4. **Personalized Customer Experience**

By understanding customer behavior, AI helps businesses offer personalized products and services, improving customer satisfaction.

5. **Risk Management**

AI identifies potential risks early, allowing businesses to respond proactively and minimize losses.

6. **Staying Competitive**

Companies that use AI stay ahead of the competition by adapting quickly to changes and improving their operations.

Day 3: 16th January 2025

📍 **School of Agricultural Science**

🗣️ **Speaker: Prof. Sandeep Tiwari**

💡 **Topic: "AI in Agricultural Innovations and Sustainable Practices"**

Outcomes –

1. The participants developed an understanding of the transformation of agriculture using AI, starting from increasing yields all the way to monitoring soil health.
2. Various AI technologies and tools were also discussed, pointing toward their use in precision farming and optimization of resources.
3. Participants learned about practical case studies where AI solutions brought about great strides in the field of sustainable farming.
4. The seminar allowed for the collaboration of professionals, researchers, and stakeholders in related agricultural fields.

Day 4: 17th January 2025

📍 **School of Pharmacy**

🗣️ **Speaker: Prof. (Dr.) Shashank Swami**

💡 **Topic: "AI in Pharmaceutical Research and Drug Discovery"**

Outcomes –

1. **Enhanced Drug Discovery:** AI significantly accelerates the identification of potential drug candidates by analyzing vast datasets faster than traditional methods.
2. **Personalized Medicine:** AI helps tailor drug treatments based on individual genetic profiles, improving patient outcomes and reducing side effects.
3. **Predictive Modeling:** AI models predict how drugs will interact with biological systems, streamlining the process of drug design and reducing the need for extensive trial and error.
4. **Cost and Time Efficiency:** By automating repetitive tasks and predicting clinical trial outcomes, AI reduces both the time and cost associated with drug development.



5. **Collaborations and Future Potential:** The growing trend of AI integration in the pharmaceutical industry highlights the importance of collaboration between researchers, data scientists, and clinicians to fully leverage its potential.

Day 5: 18th January 2025

📍 **School of Engineering & Technology**

🗣️ **External Speaker: Mr. Rahul Jha, Quality Analyst, Turing Technology**

💡 **Topic: "AI in Engineering: Enhancing System Design and Quality Assurance"**

Outcomes -

The session explored Generative AI, a groundbreaking domain enabling machines to create text, images, and more. Mr. Jha explained Supervised and Unsupervised Learning, the two core paradigms that power AI systems, and touched upon the role of PHP in integrating AI into user-centric web applications. Additionally, he shared knowledge on Large Language Models (LLMs)—their architecture, training processes, and immense potential to reshape industries.

The session also briefly discussed futuristic innovations, including Google DeepMind's contributions and the significance of the transformer architecture that underpins modern AI models.

Conclusion:

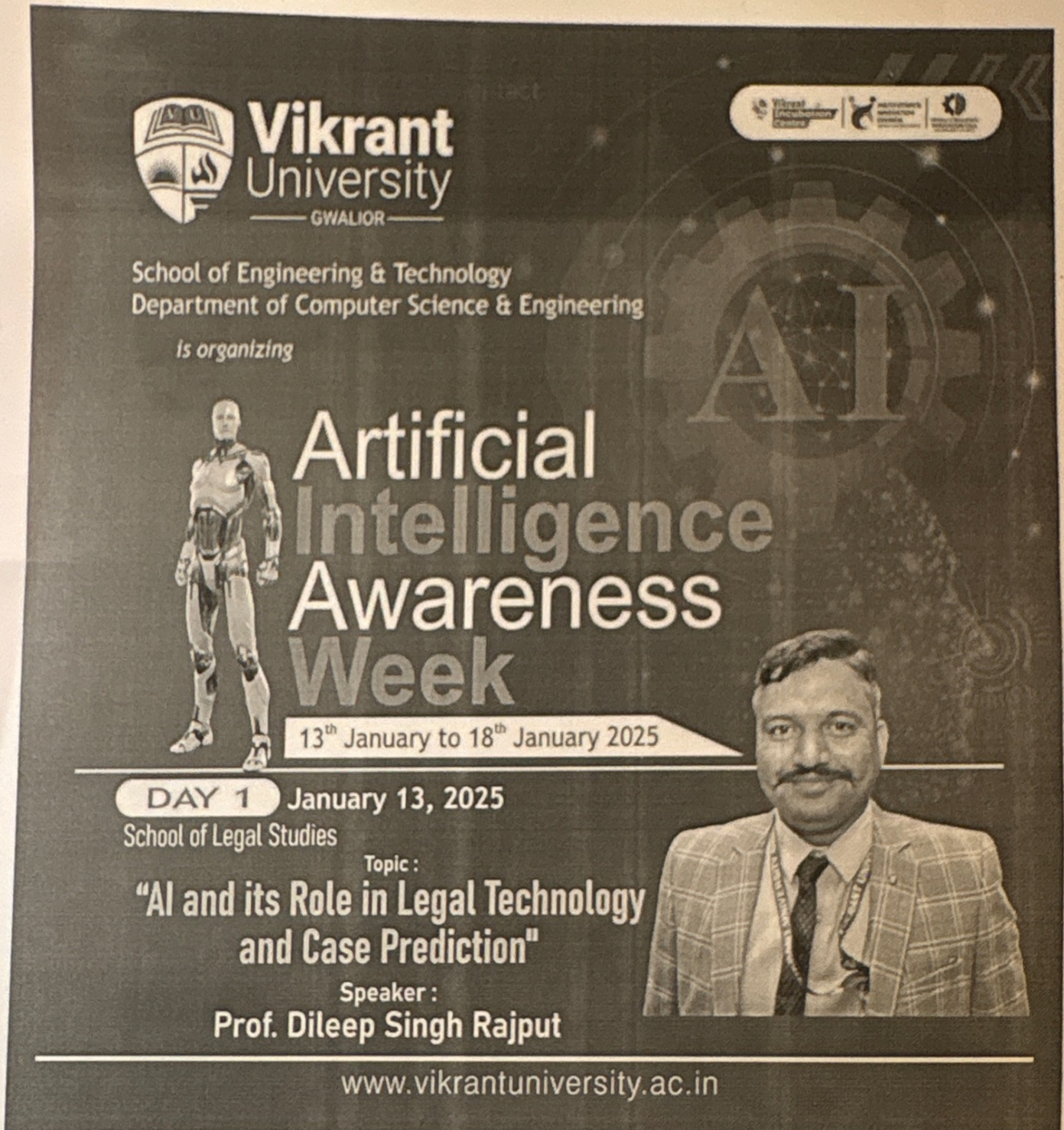
The AI Awareness Week, conducted by the Computer Engineering Department, proved to be a highly insightful and enriching event. Over five days, experts from diverse fields explored the transformative impact of AI across various industries, including legal technology, business decision-making, agriculture, pharmaceuticals, and engineering.

From Prof. Dileep S. Rajput's session on AI's role in legal technology to Mr. Rahul Jha's discussion on AI integration in engineering, participants gained a comprehensive understanding of how AI is revolutionizing different sectors. The series of talks highlighted how AI enhances decision-making, optimizes processes, and drives innovation, all while addressing critical ethical concerns and exploring future trends.


The event fostered a collaborative environment where students, faculty, and professionals exchanged ideas, building a deeper appreciation of AI's potential. Overall, the AI Awareness Week successfully promoted awareness and stimulated discussions on the responsible and forward-thinking use of AI, setting the stage for its continued application in various fields.



Photos of the events with poster:



The poster features a dark background with a large, faint 'AI' logo in the center. On the left, there is a stylized illustration of a humanoid robot. On the right, there is a portrait of Prof. Dileep Singh Rajput. The text is arranged in a structured layout, starting with the university logo and name, followed by the organizing department, the event title, dates, and specific details for Day 1.

 **Vikrant**
University
Gwalior

School of Engineering & Technology
Department of Computer Science & Engineering
is organizing


**Artificial
Intelligence
Awareness
Week**

13th January to 18th January 2025

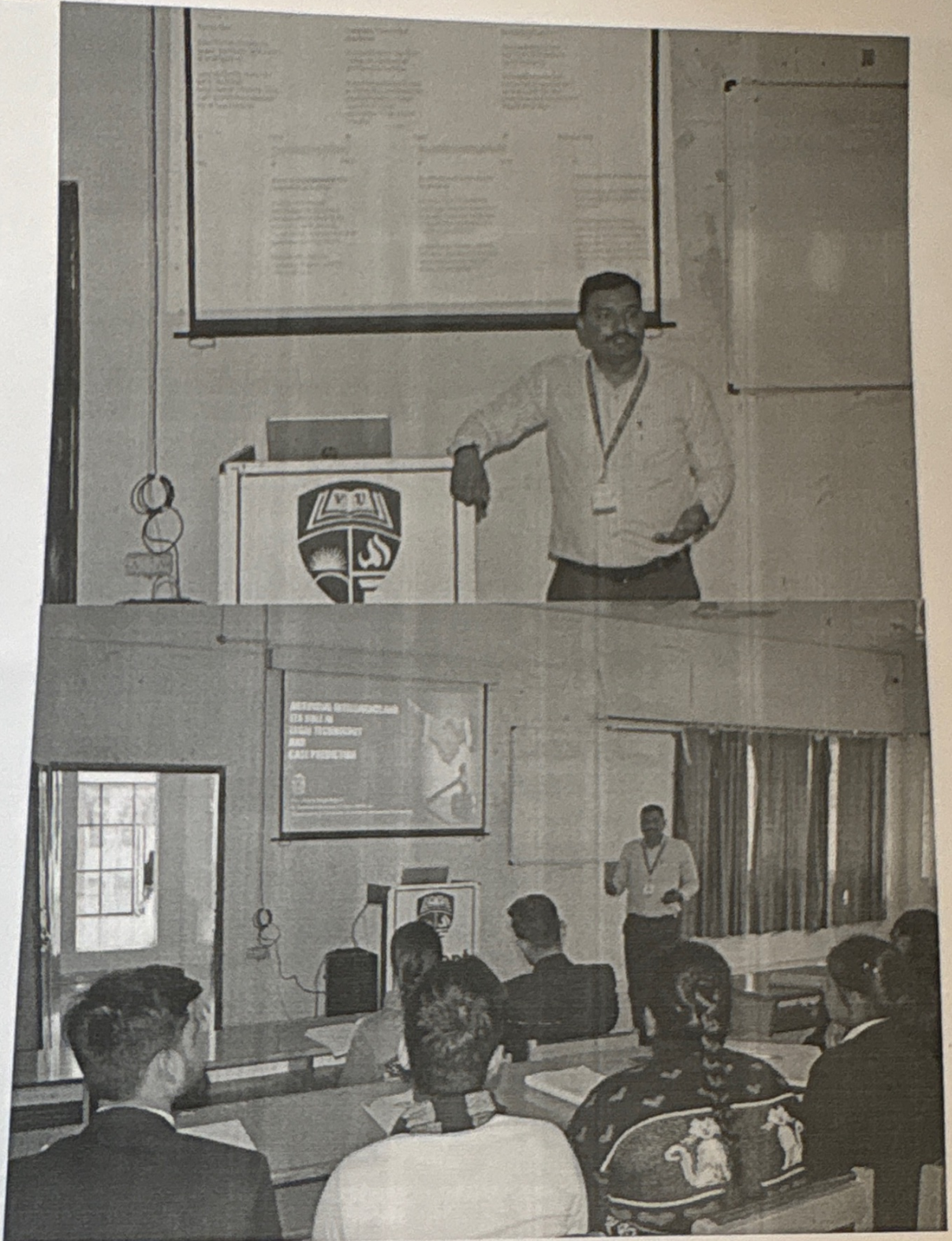
DAY 1 January 13, 2025
School of Legal Studies

Topic :
**"AI and its Role in Legal Technology
and Case Prediction"**

Speaker :
Prof. Dileep Singh Rajput



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DAY 2 January 15, 2025

School of Management & Commerce

Topic :

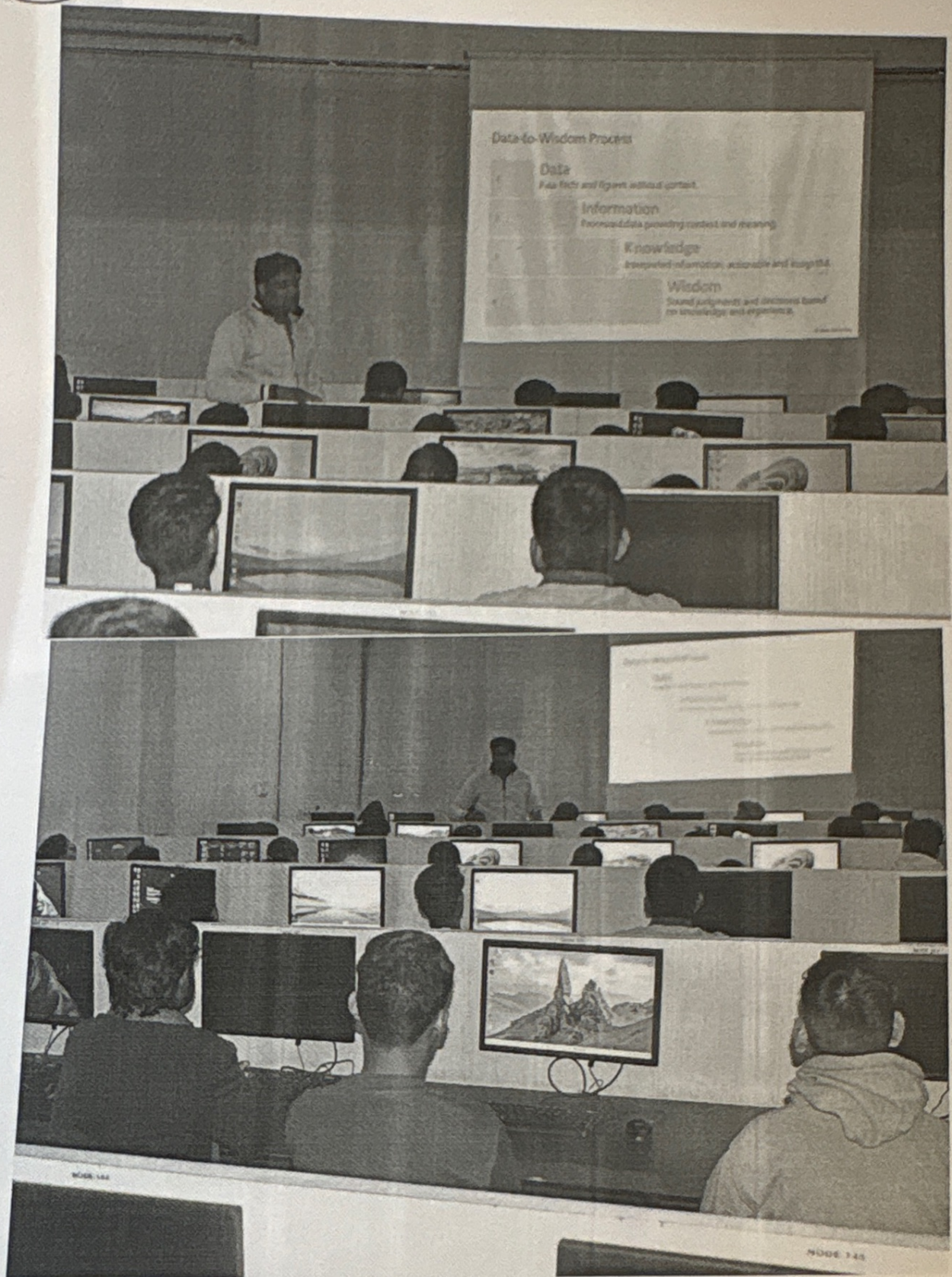
**"AI in Business Decision
Making and Strategy"**

Speaker :

Prof. Surjeet Singh Parihar



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DAY 2 January 15, 2025

School of Natural & Applied Science

Topic :

**"Ethical Considerations of
AI in Scientific Research"**


Online Session


Speaker :


Prof. (Dr.) Naveen Kumar Singh Chauhan


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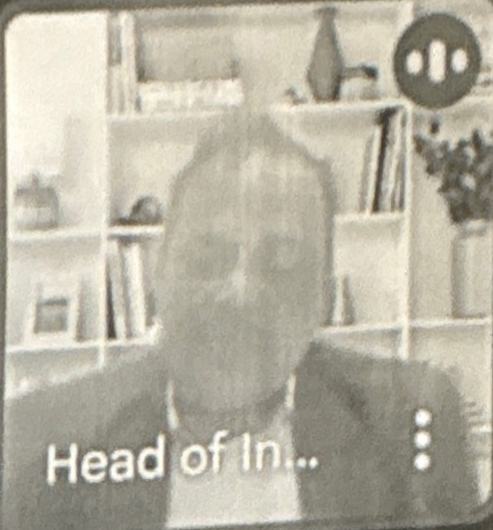





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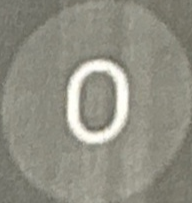
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DAY 3 January 16, 2025

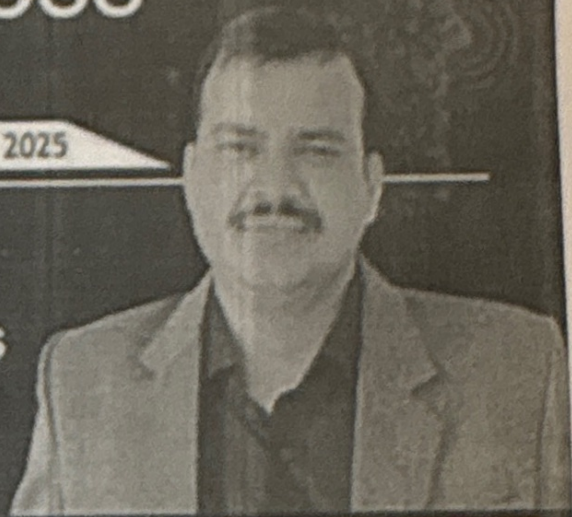
School of Agriculture Science

Topic :

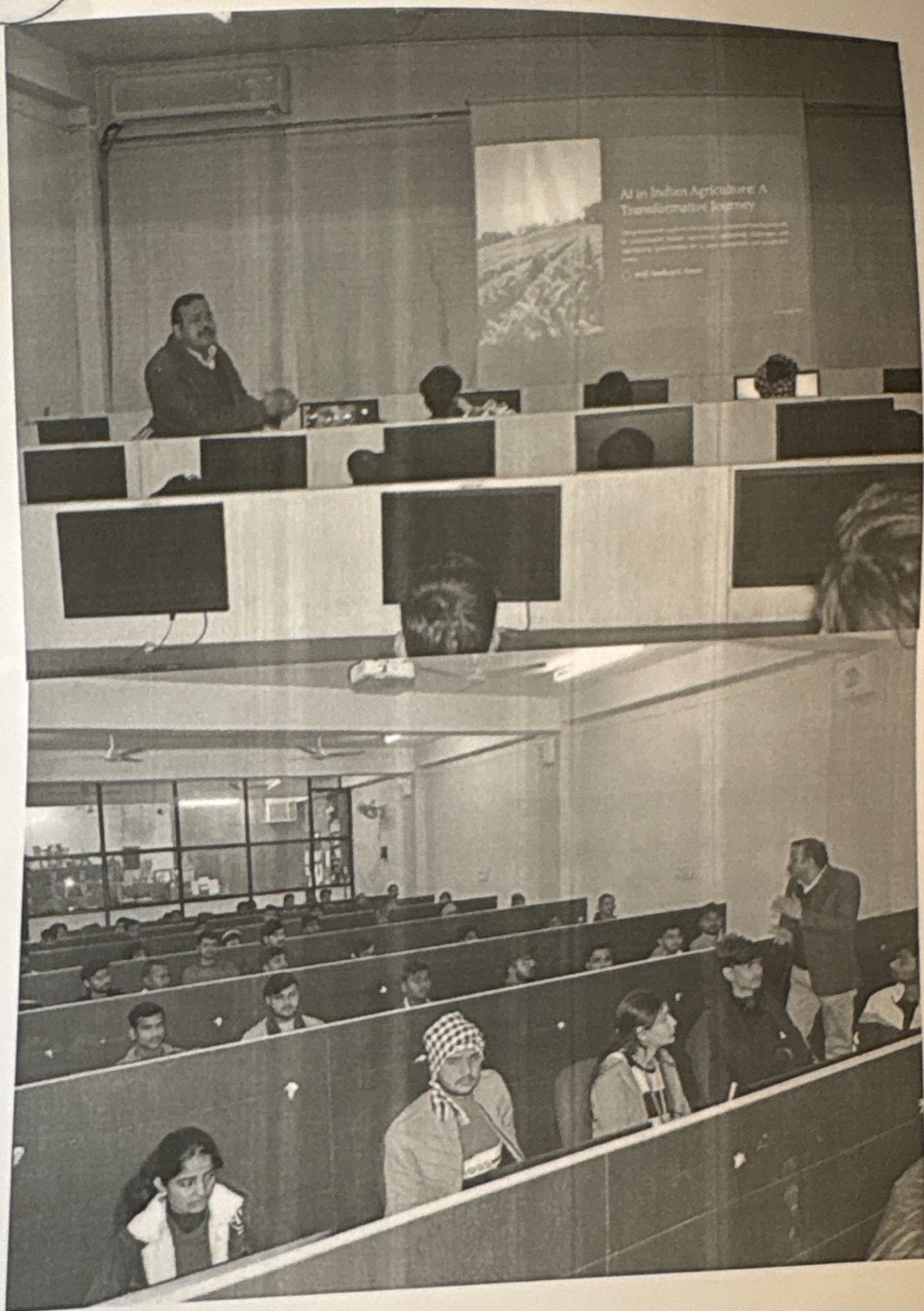
**"AI in Agricultural Innovations
and Sustainable Practices"**

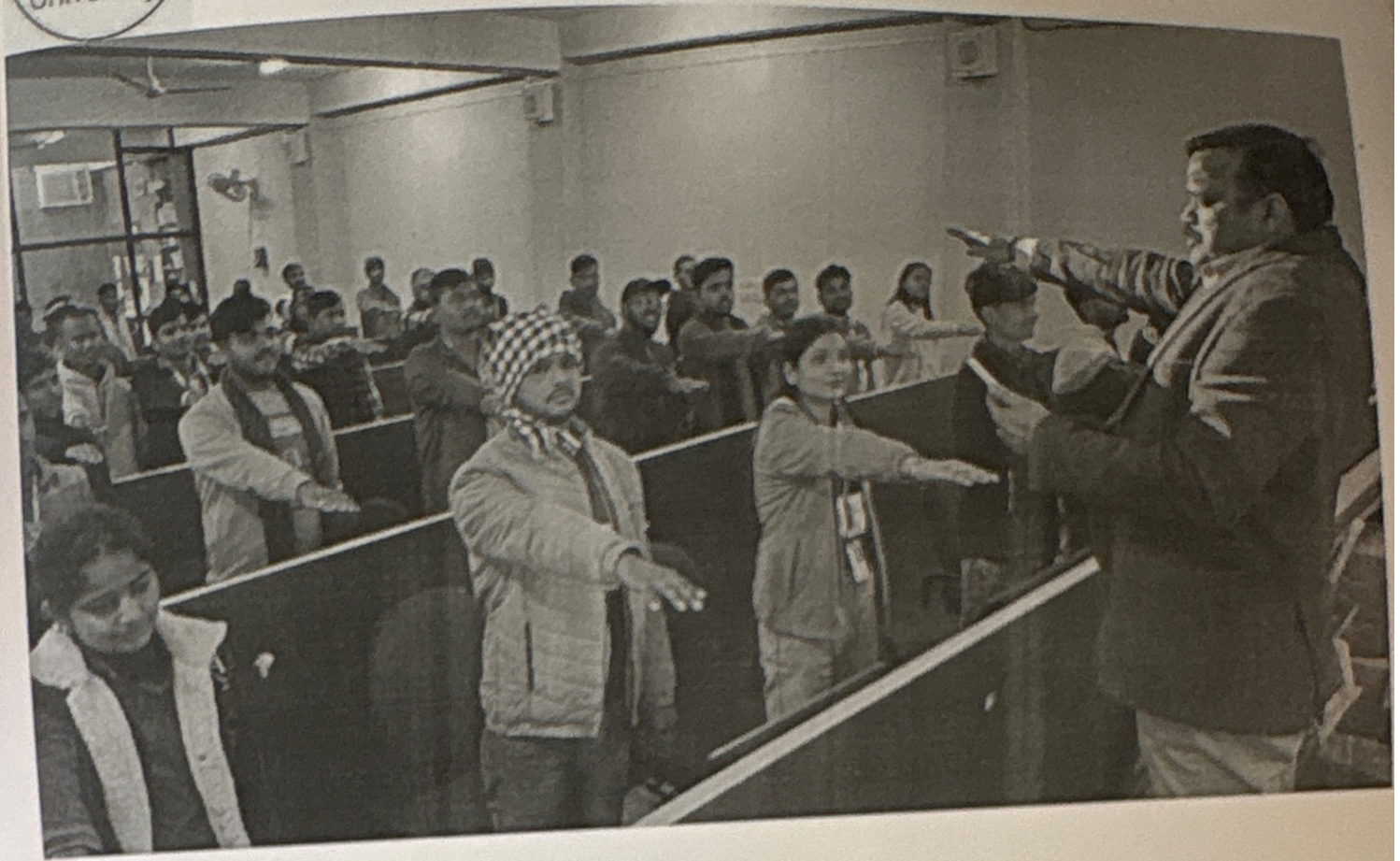
Speaker :

Prof. Sandeep Tiwari



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DAY 4 January 17, 2025

School of Pharmacy

Topic :

**"AI in Pharmaceutical Research
and Drug Discovery"**

Speaker :

Prof. (Dr.) Shashank Swami

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Artificial Intelligence Awareness Week

13th January to 18th January 2025

DAY 5 January 18, 2025

School of Engineering & Technology

Topic :

**"AI in Engineering : Enhancing System
Design and Quality Assurance"**

Speaker :

Mr. Rahul Jha

Quality Analyst, Turing Technology



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