



DEPARTMENT OF MBA

Report Submission: 10/08/2026

Semester: IV		Academic Year: 2025–26		Venue: MBA AUDITORIUM, Acharya Institutes.	
Event Date:	07/08/2026	Time:	10:00 AM to 12:00 PM	Duration:	02.00 HRS

TYPE OF EVENT: GUEST TALK

EVENT NAME: INDUSTRY 5.0, ARTIFICIAL INTELLIGENCE, AND INDIAN
KNOWLEDGE SYSTEMS IN MODERN OPERATIONS WITH NETWORK ANALYSIS

Target Audience:	IV Sem MBA Students	Number of Participants:	45	Event Coordinator:	Dr. P.Venkaiah Babu
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Objectives:

1. To examine the integration of Industry 5.0, Artificial Intelligence (AI), and Indian Knowledge Systems (IKS) in enhancing modern operations management and organizational performance.
2. To identify and analyze the interrelationships among key Industry 5.0 technologies, AI applications, and IKS principles using network analysis techniques.
3. To evaluate the influence of AI-enabled decision-making and IKS-based operational practices on productivity, sustainability, resilience, and human-centric manufacturing.
4. To develop a network model that maps the interactions between technological, organizational, and cultural dimensions influencing modern operational excellence.
5. To propose a strategic framework integrating Industry 5.0, AI, IKS, and network analysis for achieving sustainable, resilient, and intelligent operations in business organizations.

Program Introduction:

The guest talk explores Industry 5.0, Artificial Intelligence, Indian Knowledge Systems, and Network Analysis, focusing on human-centric innovation, sustainable operations, intelligent decision-making, resource optimization, resilience, and technology-enabled business transformation.



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Theme of the Event:

Exploring the integration of Industry 5.0, Artificial Intelligence, and Indian Knowledge Systems to enhance human-centric operations, intelligent decision-making, sustainable resource utilization, technological innovation, network-based analysis, organizational resilience, and responsible management for achieving excellence in contemporary business and operational environments.

Resource Person:

CS Mounica Agarwal, Assistant Professor, Department of Professional Studies, Christ Deemed to be University, Bengaluru, India.

Detailed Report:

The Guest Talk on “Industry 5.0, Artificial Intelligence, and Indian Knowledge Systems in Modern Operations with Network Analysis” was organized by the Department of MBA, Acharya Institute of Graduate Studies, Bengaluru. The programme was designed to provide students with insights into emerging technologies, human-centric operations, sustainable management, and the relevance of Indian Knowledge Systems in contemporary business practices.

The programme commenced with a welcome address delivered by Aiswarya Menon IV semester student at 9.50 am, followed by the introduction and profile reading of the resource person. The session focused on the evolution from Industry 4.0 to Industry 5.0, emphasizing human-machine collaboration, sustainability, resilience, creativity, and personalized value creation. The Ms. Mounica Agarwal explained how Artificial Intelligence, automation, data analytics, and intelligent technologies are transforming modern operational processes and enabling organizations to make faster and more informed decisions.

The lecture also highlighted the relevance of Indian Knowledge Systems (IKS) in modern operations, particularly in areas such as ethical leadership, holistic decision-making, resource optimization, sustainability, and responsible management. The integration of traditional knowledge with emerging technologies provided students with a broader perspective on balancing technological advancement with human values and organizational responsibility.

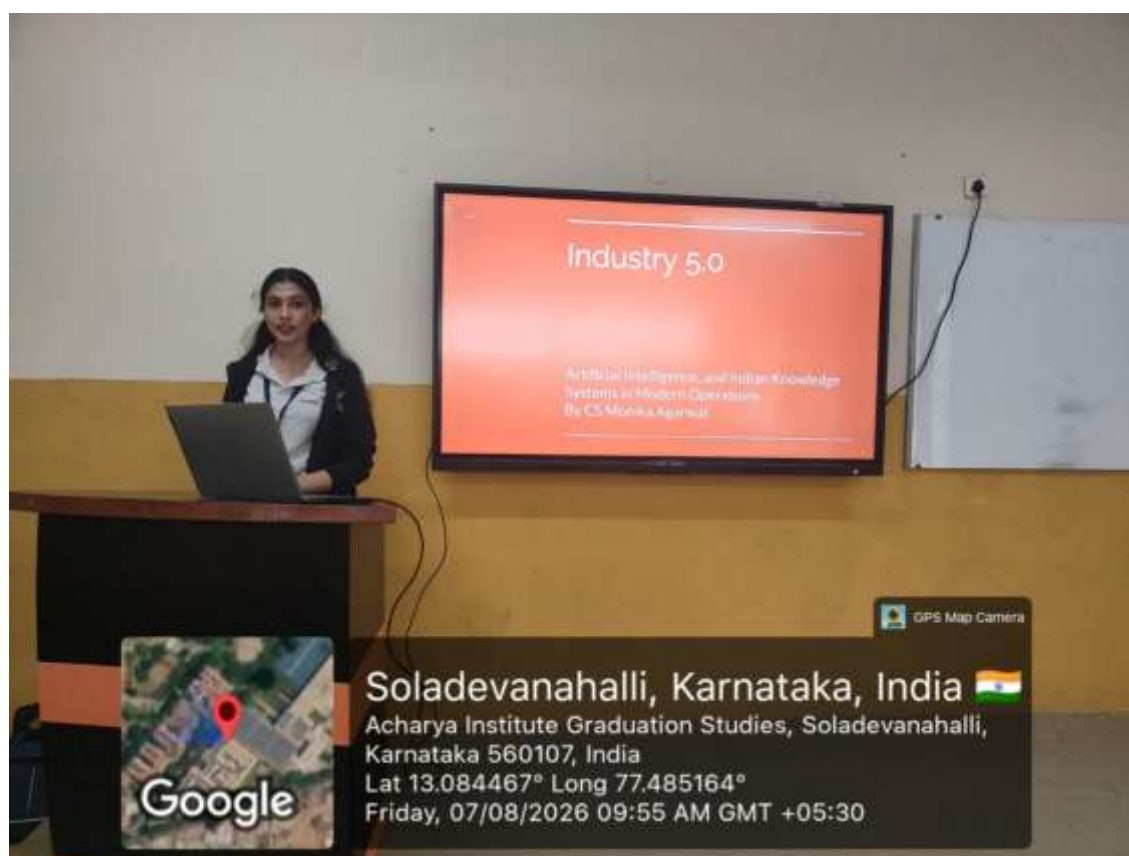
A significant component of the session focused on Network Analysis, explaining how relationships, dependencies, interactions, and knowledge flows among people, technologies, processes, and organizations can be examined to improve operational efficiency and decision-making. Practical examples and contemporary business applications were discussed to demonstrate the relevance of

network-based approaches in identifying critical connections and strengthening organizational resilience.

Students actively participated in the interactive discussion and raised thoughtful questions related to Artificial Intelligence, Industry 5.0, sustainability, IKS, and network analysis. The session provided an academically enriching platform for connecting theoretical concepts with real-world operational practices.

The technical session was followed by an interactive question-and-answer session, enabling participants to clarify their concepts and gain practical insights. The programme concluded with a formal Vote of Thanks, expressing gratitude to the resource person, management, Principal, faculty members, organizing committee, and students for their valuable support and participation. Participants appreciated the session as informative, relevant, and beneficial in understanding the integration of technology, Indian knowledge, and modern operational management.

Geotagged Photographs:



Welcome address and profile reding by Ms. Arsha, 2nd Year MBA Student



II MBA Students Participated in Guest Talk



Monica Agarwal giving introduction about Industry 5.0 and AI



Monica Agarwal Explaining concepts of AI & IKS relation to the II MBA students



Token of respect to the resource person Ms. Monica Agarwal by the Dr.P.Venkaiah Bab, Department of MBA, AIGS



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Outcomes:

1. Comprehensive understanding of how Industry 5.0, AI, and Indian Knowledge Systems collectively contribute to modern operations management.
2. Identification of key influential nodes and relationships among operational factors through network analysis, enabling data-driven strategic decision-making.
3. Development of an integrated operational framework that combines advanced AI technologies with traditional Indian knowledge for sustainable and human-centric operations.
4. Enhanced operational performance insights, including improved productivity, resilience, resource optimization, innovation, and sustainability.
5. Practical recommendations for academia, industry, and policymakers to implement AI-driven, Industry 5.0-enabled, and IKS-oriented operational strategies for long-term organizational competitiveness.

Conclusion and Audience Feedback Summary:

- **Conclusion**

The guest talk concluded successfully with active participation from 45 IV MBA students, who appreciated the insightful deliberations on Industry 5.0, Artificial Intelligence, and Indian Knowledge Systems in Modern Operations with Network Analysis. The participants expressed that the session enhanced their understanding of human-centric technologies, AI-driven decision-making, sustainable operations, resource optimization, network analysis, and the practical integration of Indian Knowledge Systems (IKS) in contemporary business practices. The session provided valuable insights into balancing technological innovation with human values, sustainability, and organizational resilience, making the programme highly informative, interactive, and academically enriching.

- **Participant Feedback**

Feedback collected from the 45 participants indicated a highly positive response to the programme. Among them, 36 students rated the guest talk as "Excellent," 7 students rated it as "Very Good," and 2 students rated it as "Average," reflecting the overall effectiveness, relevance, and quality of the guest lecture.



- **Feedback Analysis with graph representation**

