

# INTERNATIONAL CONCLAVE 2024

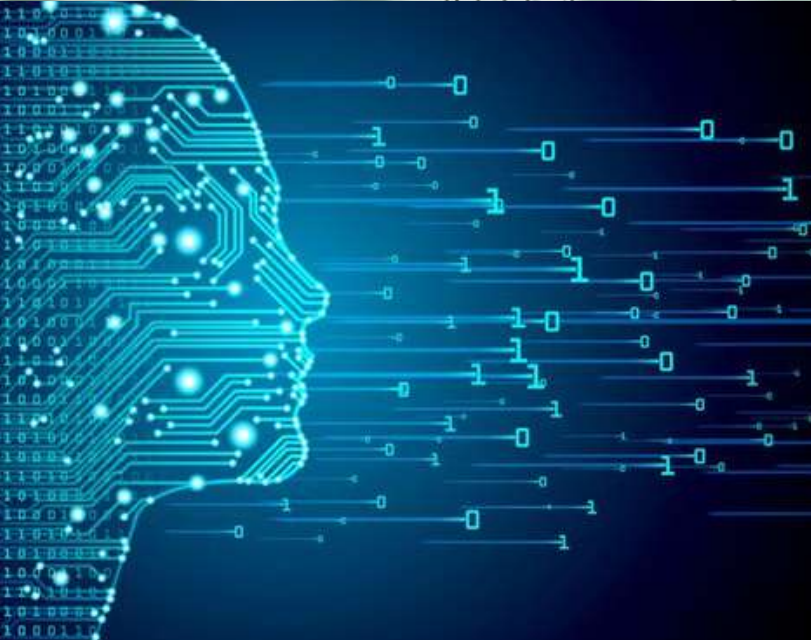
## INDUSTRY 5.0

### BALANCING TECHNOLOGY, PEOPLE AND PERFORMANCE

17th December, 2024

#### ABOUT JIM

St. Joseph's Institute of Management (JIM) is a Jesuit Business School approved by AICTE and affiliated with Bharathidasan University. Highly ranked in the NIRF India Ranking, it is part of St. Joseph's College, established in 1844 by Jesuits, predating the University of Madras. Utilizing autonomy granted by UGC in 1978, JIM has excelled in education and produced prominent individuals, including former President Dr. APJ Abdul Kalam.



JIM aims to cultivate skilled and responsible business leaders. The school emphasizes a holistic learning approach, encouraging both students and faculty to continually grow. JIM fosters an ecosystem where learning is central, enabling students to master business concepts and make meaningful contributions to society. With a market-focused curriculum and innovative teaching methods, JIM distinguishes itself through a commitment to learning, training, and development.



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# INDUSTRY 5.0

Industry 5.0 is the next phase of industrial evolution, in which humans and machines collaborate to create more efficient, personalized, and sustainable manufacturing. It's also known as the Fifth Industrial Revolution. Here are some key aspects of Industry 5.0:

## Human-centric

- Industry 5.0 puts humans at the center of the production process, asking what technology can do for workers.

## Collaboration

- Industry 5.0 combines the speed and accuracy of machines with the creativity and critical thinking of humans.

## Advanced technologies

- Industry 5.0 uses artificial intelligence (AI), robotics, the Internet of Things (IoT), and data analytics.

## Sustainability

- Industry 5.0 aims to reduce energy consumption, greenhouse emissions, and waste.

## Improved product quality

- Industry 5.0 can improve product quality, personalized manufacturing, and more sustainable production practices.

## New roles

- Industry 5.0 may create new roles like Chief Robotics Officer, who specializes in the interaction between machines and operators.

## Virtual education

- Virtual education may become more widespread, which can be cheaper and safer for companies

The primary objective of this International Conclave is to provide a platform for faculties and students to reflect on key areas like Human-Centric, Collaboration, Advanced Technologies, Sustainability, Improved product quality, New roles, and Virtual Education in relation to Industry 5.0.

The discussions will focus on current and emerging business trends addressing global challenges related to Industry 5.0. Academic conclaves can help budding business professionals gain a clear, data-driven understanding of how various factors affect organizational success and how to navigate today's dynamic global environment in relation to Industry 5.0.

# INDUSTRY 5.0

## INTERNATIONAL AND NATIONAL CONFERENCE EXPERTS:

- ✓ **Prof. Abd Rahman Ahmed**  
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- ✓ **Dr. Shafie Mohamed Zabri**  
*Dean, Universiti Tun Hussein Onn Malaysia, Malaysia*
- ✓ **Dr. Adisak Suvittawt**  
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- ✓ **Dr. Kanagi Kanapathy**  
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Director, UNITEN Ventures, Universiti Tenaga Nasional Malaysia*
- ✓ **Prof. Dewasiri N. Jayantha**  
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