

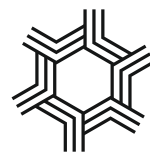


CHARTING THE COURSE FOR FUTURE OF MANUFACTURING

Join us for an enlightening day exploring the
forefront of Manufacturing Technologies!

15 March 2024

Taj Hotel, Yeshwanthpur



MTMA BANGALORE CLUSTER



The future of manufacturing is being shaped by advanced technologies such as smart factories, 3D printing, robotics, and sustainability practices. This future will prioritize efficiency, customization, and environmental responsibility while also requiring a skilled and adaptable workforce. Embracing these trends and technologies will be crucial for remaining competitive in the evolving manufacturing landscape. Keeping this in mind MTMA Bangalore Cluster is organising one day seminar on 'Charting the Course for Future of Manufacturing'.

Session 1



Need for ESG and Sustainability in Manufacturing

Ms. Anjana Sharma, Head – Sustainability Services India, DNV Business Assurance India

Embracing ESG (Environmental, Social, and Governance) and sustainability in manufacturing is crucial due to the need to minimize environmental impact, comply with regulations, reduce risks, meet consumer and investor demands. Prioritizing these aspects enables manufacturers to operate in an ethical, environmentally conscious, and economically sustainable manner, positioning them for success in a rapidly evolving market.

Session 2

Additive Manufacturing – *Mr. Ramkumar Krishnan, Director – Application and Consulting, Intech Additive Solutions*

Additive Manufacturing (AM) is emerging as one of a pivotal technology shaping the industry in several ways with the design freedom, customization, material innovation with new applications, Digital and Industry 4.0 integration. Mr. Krishnan shall address these aspects in detail.



Session 3



Artificial Intelligence in Manufacturing – *Dr. Jay B Simha, Implementation Advisor, LuminAI Systems*

Striking a balance between embracing the potential of Artificial Intelligence (AI) and maintaining a realistic perspective on the required investments, change management and integration efforts are critical to achieving long-term success.

Dr. Simha shall address the core issue of the need, challenges and opportunities surrounding the implementation of AI in manufacturing Organization with a special focus on how to go about implementing the same.



Session 4

Intellectual Property Rights in Manufacturing - *Dr. S Rama Murthy, Senior Advisor, Origiin IP Solutions*

Intellectual property Rights (IPR) refers to creations of the mind, such as inventions, literary, and artistic works. IPR protection gives your business a competitive advantage over other similar businesses and allows you to prevent unauthorised use of your creation. Dr. Murthy shall address these aspects in detail in his talk.



Session 5



Break Through Thinking for the Future of Manufacturing

Mr. Shashiprakasha L S, Business Improvement Coach, Manthana

To address the exciting yet challenging landscape of the manufacturing sector in India, it's essential to embrace breakthrough thinking and innovative strategies. Here are some insights and potential approaches to consider: Productivity Improvement, Lean Manufacturing Principles, Flexible Manufacturing Systems, Supply Chain Optimization, Quality Management Practices, Innovation and R&D etc.

Session 6

Quality- Securing the Future of Manufacturing

Mr. Chandramouli, Senior General Manager, SEG Automotive India

What is the relevance of produced Quality and the basic hygiene factors needed in a manufacturing sector in addition to advancement through automation, digitalization and use of AI. By prioritizing and maintaining high standards of quality, manufacturing companies can secure long-term success, build customer trust, and stay competitive in the market. How do we link Quality, Innovation and Sustainability?



Session 7



Connected Machines for enhanced productivity - *Mr. Gunaseelan R, Consultant- Connected Machines, Robert Bosch*

Technology plays a pivotal role in maximizing productivity in manufacturing. By leveraging advanced technologies such as Internet of Things (IoT), artificial intelligence (AI) and Big data, companies can get real-time data, which help for streamline processes, improve operational efficiency, and optimize resource utilization. This results in enhanced productivity, reduced downtime, and ultimately, increased output, contributing to overall business success.

Programme Schedule

0900 – 0915 hrs	Registration
0915 – 0945 hrs	Event Inauguration & Keynote Session
0945 – 1030 hrs	Session 1: Need for ESG and Sustainability in Manufacturing Ms. Anjana Sharma , Head – Sustainability Services India, DNV Business Assurance India
1030 – 1115 hrs	Session 2: Additive Manufacturing Mr. Ramkumar Krishnan , Director – Application and Consulting, Intech Additive Solutions
1115 – 1145 hrs	Networking Break
1145 – 1230 hrs	Session 3: Artificial Intelligence in Manufacturing Dr. Jay B Simha , Implementation Advisor, LuminAI Systems
1230 – 1315 hrs	Session 4: Intellectual Property Rights in Manufacturing Dr. S Rama Murthy , Senior Advisor, Origiin IP Solutions
1315 – 1415 hrs	Lunch Break
1415 – 1500 hrs	Session 5: Break Through Thinking for the Future of Manufacturing Mr. Shashiprakasha L S , Business Improvement Coach, Manthana
1500 – 1545 hrs	Session 6: Quality- Securing the future of manufacturing Mr. Chandramouli , Senior General Manager, SEG Automotive India
1545 – 1630 hrs	Session 7: Connected Machines for enhanced productivity Mr. Gunaseelan R , Consultant- Connected Machines, Robert Bosch
1630 – 1700 hrs	Closing Remarks followed by Networking Opportunity

Note: Seminar will be enabled and executed by IMTMA



Industries represented

- MSMEs
- Automotive
- Auto components
- Consumer durables
- Machine tool
- Tool rooms
- Aerospace
- Defence
- Railways
- PSUs
- Pumps & Valves
- General Engg.
- Other manufacturing industries.

Delegates profile

- CEOs
- Senior Executives
- Practicing Engineers
- Industry Experts
- R&D Specialists
- Academia

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**Manufacturing Technology
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An IMTMA initiative

RSVP:

Digvijay Nath Pandey

Mobile: +91 7349067391

Email: digvijay@imtma.in

Scan QR Code for Registration



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Bangalore International Exhibition Centre (BIEC),
10th Mile, Tumkur Road, Bengaluru - 562 123
T : +91 80 6624 6600