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Shaping Excellence in Industrial & Production Engineering Since 1984

Newsletter May 2026



Quotes on Industrial and Production Engineering

- ✚ “Industrial and Production Engineers don’t just manage production—they engineer excellence.”
- ✚ “Efficiency in production is achieved when people, machines, and materials work in perfect harmony.”
- ✚ “Industrial and Production Engineering is where engineering meets management for real-world impact.”
- ✚ “The goal is not just to produce more, but to produce better, faster, and smarter.”
- ✚ “Quality, productivity, and efficiency—Industrial and Production Engineering balances them all.”

Alumni Visit

Alumni Visit 2026- Shri V.S.Kori

V. S. Kori is a highly accomplished manufacturing and foundry professional with over 20 years of extensive experience in foundry operations, manufacturing excellence, quality improvement, process optimization, and strategic leadership.

Currently serving as Vice President – Head Foundry Operations at Kirloskar Ferrous Industries Ltd., he has consistently demonstrated exceptional leadership capabilities and operational excellence throughout his professional journey.

He has played a pivotal role in strengthening manufacturing systems, improving product quality, enhancing productivity, and building customer confidence for both domestic and global OEM customers. His contribution towards quality improvement initiatives has significantly supported the organization in meeting stringent international customer requirements.

Mr. Kori has been closely associated with major global customers including Volvo, Daimler Truck, Caterpillar Inc., and John Deere, contributing towards continuous quality enhancement, process stability, customer satisfaction, and operational reliability.



The rapid advancement of Artificial Intelligence (AI) is transforming industries across the globe, redefining how organizations design, produce, and deliver products and services. In this changing scenario, Industrial and Production Engineers (IPEs) are uniquely positioned to play a pivotal role. Traditionally focused on optimizing systems, improving productivity, and reducing costs, IPEs are now at the forefront of integrating AI-driven solutions into industrial processes, making their role more strategic and dynamic than ever before.

One of the key reasons Industrial and Production Engineers are crucial in the AI era is their systems-oriented approach. AI technologies—such as machine learning, predictive analytics, and automation—require seamless integration into existing production systems. IPEs possess the expertise to analyze workflows, identify inefficiencies, and redesign processes to effectively incorporate AI tools. Their ability to bridge the gap between advanced technologies and practical implementation ensures that AI adoption leads to measurable improvements in productivity and quality.

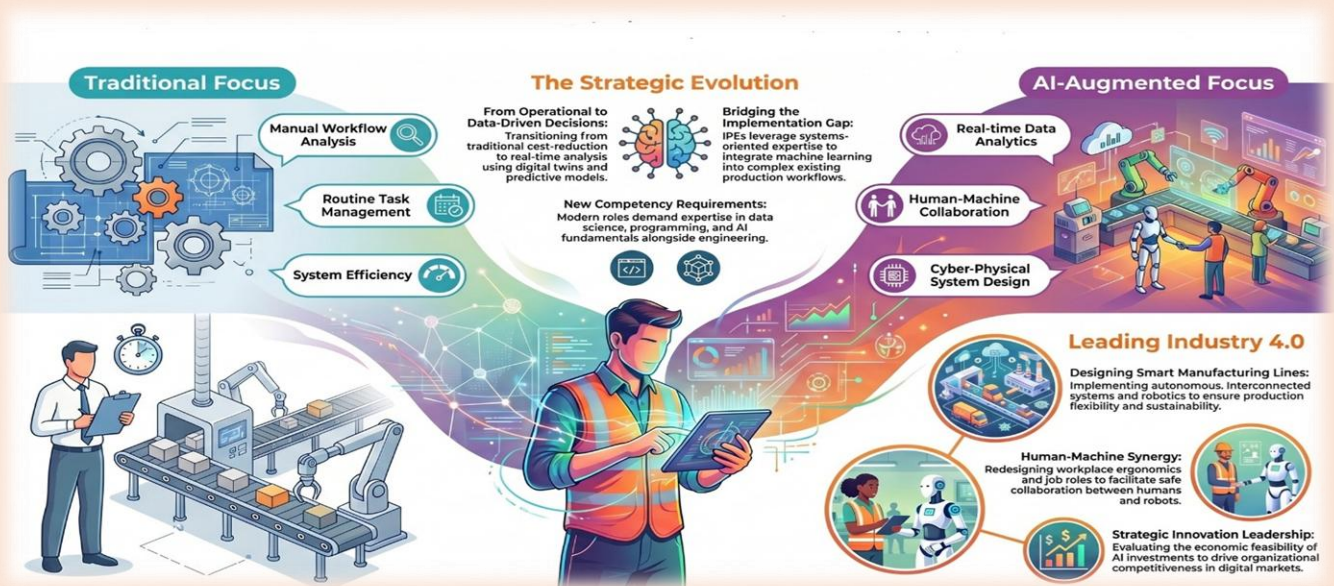
The role of IPEs is also shifting from traditional operational optimization to data-driven decision-making. With AI generating vast amounts of data from sensors, machines, and enterprise systems, engineers are now required to interpret and utilize this data for real-time decision-making. Industrial engineers are increasingly working with data analytics, simulation models, and digital twins to predict system behavior, optimize resource allocation, and enhance supply chain resilience. This transition demands new competencies in data science, programming, and AI fundamentals.

Another significant change is the growing emphasis on smart manufacturing and Industry 4.0. Production systems are becoming more autonomous, interconnected, and adaptive. IPEs are now involved in designing intelligent production lines, implementing robotics, and managing cyber-physical systems. Their role extends beyond efficiency improvement to ensuring flexibility, customization, and sustainability in manufacturing processes. They must also address challenges such as cybersecurity, ethical AI usage, and workforce adaptation.

Human-machine collaboration is another area where the role of Industrial and Production Engineers is evolving. As AI takes over repetitive and routine tasks, engineers are focusing more on enhancing human productivity and ergonomics. They are responsible for designing systems where humans and intelligent machines work together safely and efficiently. This involves rethinking job roles, improving workplace design, and facilitating skill development among workers to adapt to AI-enabled environments.

Furthermore, IPEs are increasingly involved in strategic planning and innovation. Organizations rely on them to evaluate the economic feasibility of AI investments, manage technological transitions, and drive continuous improvement initiatives. Their holistic understanding of operations, combined with emerging technological knowledge, positions them as key contributors to organizational competitiveness in the digital age.

In conclusion, the advent of Artificial Intelligence is not replacing Industrial and Production Engineers but redefining and elevating their role. From process optimization to intelligent system design, from operational efficiency to strategic innovation, IPEs are becoming central to the successful adoption of AI in industries. To remain relevant, they must continuously upgrade their skills and embrace interdisciplinary learning. In doing so, they will not only adapt to change but also lead the transformation of modern industrial systems.



1. Title of the Programme: *Pathways to Serve the Nation: Engineering Careers in the Indian Army*

This seminar aims to inform engineering graduates about the diverse career opportunities in the Indian Army, focusing on the importance of engineering skills in military operations, the various entry schemes, roles, career growth prospects, and the preparation process, with the goal of motivating students to consider serving the nation.

2. Title of the Program: *Business Plan Presentation Contest (BPPC)*

The Business Plan Presentation Contest (BPPC) seeks to inspire students to develop innovative business ideas and refine their skills in creating and presenting business plans, while providing networking opportunities with industry experts and potential investors to foster entrepreneurial spirit and innovation.

COLLEGE

Vision

To be an institution of excellence in education, research and innovation for sustainable future

Mission

- Develop globally competent professionals for future talent requirements
- Nurture a culture of research, Innovation and entrepreneurship
- Promote collaborations, extension and outreach programs for addressing industrial and societal needs

DEPARTMENT

Vision

To achieve excellence in education and research in Industrial and Production Engineering for a sustainable future

Mission

- Develop globally competent professionals in Industrial and Production Engineering by imparting quality education
- Nurture a culture of research, innovation, and entrepreneurship through collaboration with institutes and industries

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