



INDIAN INSTITUTE OF MANAGEMENT CALCUTTA



INDUSTRY 4.0 AND INTERNET OF THINGS (IOT) - WHAT EVERY MANAGER NEEDS TO KNOW ABOUT THEM



Programme Director:
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Programme Dates:
December 04 - 07, 2023



Programme Venue:
MDC, IIM Calcutta

INTRODUCTION

When remote monitoring, digital operations, digital manufacturing, cloud-based control and IT/OT integration will be the new normal in Industry 4.0, operational technology (OT) has to leverage smart connected objects, fitted with network-connected context-aware sensors/actuators, which will enable mass-scale digitalization. Digital disruption will reach a new height during the fourth industrial revolution with digital twins enabled by IoT – the most transformative technology of recent times. Hence, IoT to every contemporary business should not be ignored merely as a technology; it's a leadership opportunity to shift the ways companies do business, thereby achieving valuable, inimitable differentiation. Touted as IT + OT, IOT is going to blur the boundary between IT and OT completely. It will rewire cyber-physical-systems (CPS) by interconnecting machines, facilities, goods, robots, and even people into a smart ecosystem; feeding the generated big data into analytics applications; and improving actions taken by humans/machines via artificial intelligence. From demystifying the operational concepts of Industry 4.0 and IoT to creating a roadmap for its real-world applications, this MDP explores (a) how to best achieve IT/OT integration, (b) how to blend IT and OT disruptively for reimagining business in various industries, (c) how to link IoT to the company's core business processes, operational models and managerial roles, (d) how to adopt flexibility that enable companies to adjust to rapidly changing digital environment in Industry 4.0, and (e) how IoT brings in business agility toward achieving competitive edge.

OBJECTIVES

The program aims to help leaders envision and execute IoT-driven business transformations in Industry 4.0, not just understand the technical

PROGRAMME DETAILS

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HOW TO APPLY

You can apply/nominate your personnel by clicking on the "Apply Now" link corresponding to the particular MDP, as appearing on our online calendar available at:

