PROFESSIONAL DEVELOPMENT SERIES

Fully HRDCorp Claimable Programmes

PRODUCTION & OPERATIONAL PERFORMANCE SERIES

- Transforming Daily Operations into Measurable Results -

1. The Challenges

- Most operations are running, but not always performing at their full potential.
- Manufacturing and operational teams are not short of effort, but they struggle to convert daily activities into measurable performance improvements. Small problems remain unresolved, inefficiencies accumulate, and execution breaks down across teams and shifts. Moreover, miscommunication, rework, downtime, and coordination gaps continue to affect output, quality, and delivery.
- The core issue is not effort — it is the absence of a structured system to identify, solve, and sustain operational improvements.

2. A Structured Approach to Close the Gap

- This programme integrates talent development with structured operational capability building.
- It strengthens the full performance cycle from problem identification to solution development, execution, and continuous improvement, enabling organisations to move from reactive operations to structured, performance-driven execution.

3. A 3-Part Integrated Programme, *Covering the Full Cycle from Idea to Execution*

i. Micro-Innovation for Operational Teams (3 Days)
Identify and eliminate daily production losses

ii. Innovation Sprint for Middle Management (3 Days)
Improve coordination, decision-making, and execution

iii. Workplace Communication for Performance (2 Days)
Strengthen clarity, alignment, and teamwork in operations

4. Why This Matters

i. Reduce downtime, rework, and operational inefficiencies
ii. Improve output, quality, and process consistency
iii. Strengthen coordination across teams and functions
iv. Deliver more consistent and measurable production performance
v. Improve communication and reduce operational errors

5. Key Take-Away

- This programme is not about working harder, it is about working better-together.
- It provides a structured system to convert daily operational challenges into practical improvements, enabling teams to achieve consistent, measurable performance gains.

✓ Transform Talent
✓ Strengthen Capability
✓ Deliver Results That Matter

Training Provider Reg. No: 202503023368
Program Approved No: 10001647561

"Small problems on the shopfloor create the biggest losses—if left unsolved."

MICRO-INNOVATION FOR PRODUCTIVITY IMPROVEMENT IN MANUFACTURING & OPERATIONAL TEAMS

A 3-DAY HANDS-ON COURSE DESIGNED FOR Production Supervisors | Maintenance Technicians | Process/Design Engineers | Technical Support | Quality Engineers | Line Leaders

ASPIRATION / AIM

This 3-day hands-on industrial workshop equips manufacturing and operational teams with a structured 5-step micro-innovation system to eliminate daily production losses and convert them into measurable productivity gains. It focuses on solving real shopfloor issues such as rework, scrap, minor stoppages, setup delays, inconsistent quality, and reactive firefighting, enabling teams to move from problem reaction to continuous improvement.

COURSE OBJECTIVES

1. Turn daily shopfloor problems into practical, low-cost improvements that directly improve output, quality, and safety.
2. Reduce downtime, rework, and wasted effort using a structured and repeatable micro-innovation system.
3. Build a solution-driven workforce that continuously improves operations and sustains performance gains over time.

COURSE CONTENT

DAY 1: Understanding Losses & Problem Mining

Participants explore how small shopfloor problems lead to significant losses in output, quality, and safety. Types of micro-innovation in production (process, tooling, layout, ergonomics) are introduced to identify hidden inefficiencies. Hands-on problem mining using real shopfloor situations enables participants to identify high-impact improvement opportunities.

DAY 2:Structuring Problems & Shaping Solutions

Production losses are identified, grouped, and analysed to uncover recurring micro-problems affecting output, quality, and cost. Problems are validated for impact and scalability using the Operational Innovation Problem Bank Model. Solutions are generated from real production experience, evaluated using the Impact vs Effort Matrix, and developed into practical improvement concepts, with AI used only as a supporting tool.

DAY 3: Deployment & Sustainability

Solutions are assessed for safety, feasibility, cost, and implementation speed before being converted into deployable production improvements. Teams present concepts with technical feedback and readiness evaluation. Action plans, ownership, and timelines are defined and integrated into Lean and Continuous Improvement systems to establish a repeatable micro-innovation cycle.

EXPECTED OUTCOME & IMPACT

1. Teams will convert daily shopfloor problems into practical, low-cost improvements that increase output, quality, and safety while reducing hidden losses.
2. Organisations will reduce downtime, rework, and inefficiencies through a structured and repeatable micro-innovation execution system.
3. A solution-driven workforce will be developed, enabling continuous improvement and sustained production performance gains.

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