



2026 EDITION

Manufacturing & Industry 4.0 *Training* Programs

Equipping manufacturing teams to build the smart factory

INSTRUCTOR-LED

ENTERPRISE READY

CUSTOMIZABLE

GLOBAL DELIVERY

23

COURSES

8

CATEGORIES

5,000+

EXPERT TRAINERS

Building the *smart* factory

Edstellar is an enterprise learning partner that helps organizations build future-ready workforces. Our 2,000+ instructor-led programs are delivered onsite or live online by 5,000+ practitioner trainers, and each one is tailored to your goals. This catalog brings together 23 manufacturing & industry 4.0 programs that span industrial iot and ot data, industrial ai and autonomous operations, manufacturing operations and asset management, digital twin and digital thread, and smart factory strategy and leadership.

Global leaders including Visa, ABB and Aditya Birla Group trust Edstellar to build capability at enterprise scale. Before any program starts, we look at the real capability gap and the business goal behind it, so every module ties back to outcomes your leaders can measure, not just attendance. The result is manufacturing capabilities your teams put to work straight away.

Learning paths for *every* role



Manufacturing & Operations Leaders

STRATEGY & ROADMAP

Set the Industry 4.0 roadmap and run a modern digital operating model.

START WITH

- Smart Factory & Industry 4.0 Transformation Roadmap
- Digital Manufacturing Operating Model
- Production Planning & Smart Manufacturing Operations



Industrial AI & Automation Engineers

AUTOMATE & OPTIMISE

Apply industrial AI and automation to quality, yield and uptime on the line.

START WITH

- Industrial AI for Quality, Yield & Throughput
- AI-Driven Predictive Maintenance
- PLC, SCADA & Industrial Automation



IIoT & OT Data Architects

CONNECT & INTEGRATE

Connect the factory floor and build the OT data backbone for operations.

START WITH

- Industrial IoT & Connected Operations
- IT/OT Convergence & Unified Namespace Architecture
- OPC UA & MQTT for Industrial Interoperability



Digital Twin & Asset Specialists

MODEL & MANAGE

Model assets with digital twins and manage them across their lifecycle.

START WITH

- Digital Twin Technology
- Digital Thread, PLM & Model-Based Engineering
- MES & Manufacturing Operations Management

Why *choose* us

01

Practitioner trainers

5,000+ verified manufacturing engineers, automation specialists and OT architects who run real production lines.

02

Customizable programs

Curriculum built around your plants, equipment, industry and digital-maturity level.

03

Global delivery

Onsite or live virtual in any time zone, with in-person delivery across 1,000+ locations.

04

ISO 9001 & ISO 27001 certified

ISO 9001:2015 for quality and ISO 27001:2022 for information security.

How we *work*

01

Submit your brief

Share your training needs, team size and skill gaps.

02

Custom plan

Receive a tailored curriculum and trainer recommendations.

03

Approve & schedule

Finalize content, dates and delivery mode for your team.

04

Train & measure

Expert-led sessions with progress tracking and ROI reporting.

Course *categories*

01 IIoT, Connectivity & OT Data

5

03 Manufacturing Operations, MES & Asset Management

4

05 Smart Factory Strategy & Leadership

3

07 EV & Battery Manufacturing

1

02 Industrial AI & Autonomous Operations

4

04 Digital Twin & Digital Thread

3

06 Advanced & Sustainable Manufacturing

2

08 Industrial Automation & Control

1

23 courses in total · full list on the pages that follow

All 23 courses

01 IIoT, Connectivity & OT Data

5

Edge Computing for Smart Manufacturing	→
Industrial IoT & Connected Operations	→
IT/OT Convergence & Unified Namespace Architecture	→
Manufacturing Data Architecture & OT DataOps	→
OPC UA & MQTT for Industrial Interoperability	→

02 Industrial AI & Autonomous Operations

4

AI-Driven Predictive Maintenance	→
Autonomous Operations & Closed-Loop Control	→
Industrial AI for Quality, Yield & Throughput	→
Machine Vision for Automated Quality Inspection	→

03 Manufacturing Operations, MES & Asset Management

4

Asset Integrity & Inspection Management	→
MES & Manufacturing Operations Management	→
Production Analytics & OEE Improvement	→
Production Planning & Smart Manufacturing Operations	→

04 Digital Twin & Digital Thread

3

Digital Thread, PLM & Model-Based Engineering	→
Digital Twin Technology	→
Manufacturing Digital Twins with ISO 23247	→

05 Smart Factory Strategy & Leadership

3

Digital Manufacturing Operating Model	→
Industry 5.0: Human-Centric & Resilient Manufacturing	→
Smart Factory & Industry 4.0 Transformation Roadmap	→

06 Advanced & Sustainable Manufacturing

2

Additive Manufacturing & Industrial 3D Printing	→
Green & Circular Manufacturing	→

07 EV & Battery Manufacturing

1

EV Battery Manufacturing & Gigafactory Operations	→
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08 Industrial Automation & Control

1

PLC, SCADA & Industrial Automation	→
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Trusted by *enterprises*

“*The smart factory program gave our plant leaders a shared roadmap for Industry 4.0. Connecting OT data through IIoT, then layering industrial AI on top, cut unplanned downtime across three sites.*”

VP OF MANUFACTURING · GLOBAL AUTOMOTIVE SUPPLIER

“*Our teams now run MES and asset management the way the digital twin training taught them. Maintenance moved from reactive to predictive within a quarter.*”

DIRECTOR OF PLANT OPERATIONS ·
MULTINATIONAL ELECTRONICS MANUFACTURER

“*The advanced and sustainable manufacturing modules helped us hit efficiency and emissions targets at once. The digital thread finally ties design to the shop floor.*”

HEAD OF OPERATIONAL EXCELLENCE · LEADING
HEAVY MACHINERY GROUP

TRUSTED BY **Visa** **ABB** **Aditya Birla Group** & OTHER FORTUNE 500 ORGANIZATIONS

Let's *connect*

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[Schedule a consultation →](#)



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