edstellar®



2026 EDITION

Manufacturing & Industry 4.0 *Training* Programs

Equipping manufacturing teams to build the smart factory

INSTRUCTOR-LED · ENTERPRISE READY · CUSTOMIZABLE · GLOBAL DELIVERY

23	8	5,000+
COURSES	CATEGORIES	EXPERT TRAINERS

01 — ABOUT EDSTELLAR

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.

02 — WHO IT'S FOR

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

03 — WHY EDSTELLAR

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.

04 — PROCESS

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.

05 — THE CATALOG

Course *categories*

01	IIoT, Connectivity & OT Data	5
02	Industrial AI & Autonomous Operations	4
03	Manufacturing Operations, MES & Asset Management	4
04	Digital Twin & Digital Thread	3
05	Smart Factory Strategy & Leadership	3
06	Advanced & Sustainable Manufacturing	2
07	EV & Battery Manufacturing	1
08	Industrial Automation & Control	1

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

06 — FULL COURSE LIST

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 →

08 Industrial Automation & Control (1)

- PLC, SCADA & Industrial Automation →

07 — CLIENT VOICES

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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SCAN TO CONTACT US

Schedule a consultation →