

— SELF-PACED · START TODAY · 12 MONTHS OF ACCESS

EPGDIA

Executive Post Graduate Diploma in Industrial Automation (Self-Paced)

The EPGDIA syllabus as video lessons you take **at your own pace**: Siemens and Delta PLC, HMI and SCADA, practised in **simulators and the free 3D lab**, with 4 graded projects. Then **placement support until you hold an offer letter**.



24 video lessons, open from the day you enrol	22 PLC brands: 2 in depth, 20 in self-study	4 graded plant projects	12 months of access, no timetable
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EPGDIA SELF-PACED FEE

₹14,999 including GST

ACCESS

12
months, start today

— UK REGISTERED LEARNING PROVIDER

Wartens Ltd, UK · UKPRN 10096641

UKRLP UK Register
of Learning
Providers
UKPRN : 10096641

ISO 9001:2015
certified

— AWARD-WINNING

7 awards, 2025-2026



Karnataka Excellence Award
Winner 2026

Job-assured, conditions apply: the conditions are in the brochure and at edwartens.co.in/epgdia-self-paced-terms.

🌐 **GLOBAL PRESENCE** India · United Kingdom · Germany · UAE · United States

EPGDIA Self-Paced in numbers

Counted from the course the portal actually runs, not rounded up.

24 Video lessons the course's class days, open from day one	154^h Guided self-study 75 modules + 126 full lessons	22 PLC brands Siemens and Delta in depth, 20 more in self-study	4 Graded plant projects one a week, graded by an EDWartens engineer
9 HMI and SCADA platforms Siemens, Delta, WinCC; Weintek, InTouch, Ignition and more	886 Practice and test questions quizzes, weekly tests and the final	6 One-to-one career sessions 2 resume reviews, 2 technical and 2 HR mocks	12 Months of access start the day you enrol; no batch, no timetable

COMPARE BEFORE YOU JOIN

Six questions to ask any institute

ASK	WHAT BROCHURES OFTEN SAY	EPGDIA SELF-PACED AT EDWARTENS
How many PLC brands will I actually program?	4 to 10 brand names, with no hours against any of them	✓ Siemens and Delta in every lesson, then 20 more brands in guided primers: 22 in all
Will I really practise, not just watch?	Recorded videos with screen-share demos	✓ Every lab done yourself in simulators on your own computer and the free 3D lab, and 4 graded projects
Is the job promise in writing, with its conditions?	"100% placement assistance", terms not published	✓ Job-assured with published terms: placement support until you hold an offer letter
What happens after each lesson?	Nothing structured, or notes on request	✓ 154 hours of guided self-study: 75 modules and 126 full lessons, set week by week
Can I check who was placed?	"5,000+ trained and placed", no names	✓ 237 engineers we trained, by name and photo at edwartens.co.in/placements, 74 placed with batch years
What does it cost, all in?	Not printed: "call for fees"	✓ ₹14,999 including GST, printed here and on the website

"What brochures often say" summarises claims in published Indian PLC and automation training brochures and course pages, read in October 2026.

Four weeks of content, at your pace

24 video lessons on Siemens and Delta, each week's self-study beside them, a weekly test that opens when the week's work is done, and a graded project every week.

WEEK

1

Siemens PLC foundations

Lessons SPG1-SPG6

17 self-study modules · 22 h

6 PLC brand primers

hardware, wiring and your first TIA Portal project · bit logic and the DOL starter · timers, counters and the star-delta starter · data types, addressing and maths · program structure with OBs, FCs, FBs and DBs · analog signals, scaling and PID_Compact

WEEK

2

Siemens advanced PLC and HMI

Lessons SPG7-SPG12

20 self-study modules · 24 h

5 PLC brand primers

SCL and sequences as state machines · PROFINET, drives and diagnostics · panels, HMI connection, tags, buttons, I/O fields and navigation · alarms, alarm classes, trends, recipes and user management · templates, faceplates, scripts, WinCC Unified and a full PLC + HMI project · SCADA vs HMI, the WinCC family, architecture, tags and process screens

WEEK

3

Siemens SCADA and Delta PLC

Lessons SPG13-SPG18

21 self-study modules · 26 h

6 PLC brand primers

alarm logging, tag logging, trends and shift reports · user rights, OPC UA, redundancy and the three-area plant project · families, ISPSOft, wiring and a star-delta starter · timers, counters, compare, move and special relays · analog, high-speed counting, Modbus and drive control · subroutines, step ladder, troubleshooting and Siemens to Delta

WEEK

4

Delta HMI, career preparation and final exam

Lessons SPG19-SPG24

17 self-study modules · 24 h

5 PLC brand primers

DIAScreen, PLC link, screens and alarms · trends, recipes, navigation, user levels and the full project · the CV, the profiles and the application workflow · power, starters, signals, PLC and fault-finding · introduction, HR round, recorded panels · Final exam and placement handover

IN THE LESSONS, IN DEPTH

SIEMENS



TIA Portal, WinCC and Startdrive; ISPSOft and DIAScreen.

+20 MORE IN SELF-STUDY



Your lab is your laptop, and the 3D lab

No live class and no timetable: every lesson is open from the day you enrol. You practise in the vendors' simulators on your own computer, and the 3D lab adds the machines and panels around them.



TIA Portal with S7-PLCSIM

Siemens S7-1200/1500 programs run and tested on a simulated PLC

WinCC Runtime simulation

Siemens HMI panels and WinCC SCADA screens run against the simulated PLC

ISPSoft simulation

Delta PLC programs tested without a PLC

DIAScreen simulation

Delta HMI screens run in offline simulation

And the free 3D lab

Wire, run and fault-find working machines in your browser, with nothing to install.

A TYPICAL WEEK



Video lessons

Each lesson is a day of the course: video, its day booklet, and a page on doing its lab on your own.



Self-study modules

The week's modules in the portal: notes, videos and a quiz each.



Test and project

The weekly test opens when the week's work is done; one plant project a week, graded by an engineer.

BY THE END OF THE COURSE YOU CAN

- ✓ Write, simulate and test Siemens S7-1200 programs in TIA Portal and PLCSIM
- ✓ Run a SINAMICS G120 drive over PROFINET and read its diagnostics
- ✓ Build a WinCC SCADA with logging, shift reports and OPC UA
- ✓ Find a fault in a running program the way a site engineer does
- ✓ Write ladder and SCL with timers, counters, analog scaling and PID
- ✓ Build HMI screens with alarms, trends, recipes and user levels
- ✓ Program a Delta PLC and HMI, with Modbus RTU between PLCs
- ✓ Explain your two projects in a technical and an HR interview

WHAT YOU NEED AT HOME

A Windows computer with 8 GB of memory or more and a reliable internet connection. TIA Portal runs under Siemens' trial or your own licence; Delta's ISPSoft and DIAScreen are free downloads. There is no physical equipment in this course: the lessons show the hardware, and the simulators and the 3D lab are where you practise.

Practise in the 3D lab, then try the job

Practise the same bit logic, timers, counters and scaling you write in TIA Portal and ISPSoft, wire sensors and starters, and bind HMI and SCADA screens, on free working machines in the lab, then pass each lab test.

21



of the 24 video lessons

have an optional lab task after them

57



self-study modules

with a lab task of their own

4



of the 4 projects

every one can be built and tested in the lab

44



different lab levels

in seven labs

The machines and panels around the programs you run in the vendor simulators: wire, run and fault-find them. Free, in your browser, nothing to install: lab.edwartens.com/plc-simulator. Optional: it never blocks a lesson, a test or your certificate.

START WITH THESE EIGHT LEVELS

PLC-01	Motor start/stop with overload	PLC lab
LAB	Commission the sorting station sensors	Panel Lab
PLC-03	Star-delta fan starter	PLC lab
PLC-04	Batch counter on a packing line	PLC lab
LAB	Commission the 4-20 mA level loop	Panel Lab
PRC-10	Connect the panel to the PLC	Process lab
PRC-07	Build an operator screen	Process lab
PRC-04	Tune the level loop	Process lab

A REAL TASK, AFTER SPG1

Motor start/stop with overload

PLC lab

Read the brief and build a one-rung Start to Motor program, then go online and force Start on and off, the way you go online with the S7-1200 after a download.

What you should see: The rung turns green and the motor output follows Start while it is forced.

FOUR JOB SIMULATIONS, INDIAN EDITIONS

A working week at a fictional Indian company, on your screen, with rupees and India's own rules and standards (CEA 2023, IS/IEC, 415 V supplies, FSSAI). Open from enrolment, opened from your portal; optional.

ROLE	WHERE IT IS SET	WHAT YOU DO
PLC Programmer Take it after week 1 (Siemens PLC)	Indrayani Controls, a systems integrator in Chakan, Pune, building PET bottling line 2 for a beverage plant	Write the I/O list, program a bottling line, run the factory acceptance test and handle a change request.
Maintenance Electrical Engineer Take it after week 2	The in-house maintenance team of a biscuit plant in an industrial estate near Pune	Work orders, safe isolation under a permit, fault finding and a root-cause report.
SCADA and HMI Engineer Take it after week 3 (SCADA)	Arkavathy Systems, a SCADA integrator in Peenya, Bengaluru, on a town's water treatment plant	Build the tag list, alarm list and operator screens for a running water treatment plant.
Commissioning Engineer Take it in week 4 or after the final	Palar Commissioning Services in Sriperumbudur, commissioning a dairy's milk reception skid	Loop checks, I/O checkout, the site acceptance test and a punch list on a plant that is nearly ready.

Each shift: sit at your desk, take the tasks, plan, decide, hand in, read the debrief. **Certificate of Completion (Job Simulation)** for each simulation you finish with a score of 60 or more. Alongside: an AI tutor in every lesson, Ask an engineer, and 2 resume reviews, 2 mock technical interviews and 2 mock HR interviews, one to one.

The 3D lab is practice software run by EDWartens on lab.edwartens.com and does not stand in for working on real equipment. The companies in the simulations are fictional; the places and the rules are real.

We keep working for you until you hold an offer letter

The self-paced EPGDIA is a job-assured programme. Once you pass the final, placement support has no end date: it continues until an employer gives you an offer letter.



1

Learn at your pace

Pass every weekly test and complete the 4 graded plant projects, around your job or college.

2

Pass the final

Then book your mock technical and HR interviews; your resume reviews open after the week 2 test.

3

Your CV goes out the next week

The placement team shares your CV with employers and arranges interviews; you apply to at least five jobs a week.

4

Until you have an offer letter

Support has no end date: it continues until you receive an offer letter, and any employer's offer letter counts.

✓ The conditions, in full

- ✓ Pass every weekly test and the final
- ✓ Complete and pass all 4 graded projects
- ✓ Attend every interview arranged for you
- ✓ Apply to at least five jobs a week

The job assurance is this placement support; it is not a refund. Full terms: edwartens.co.in/epgdia-self-paced-terms

ROLES OUR ENGINEERS WENT INTO

Automation Engineer

PLC Programmer

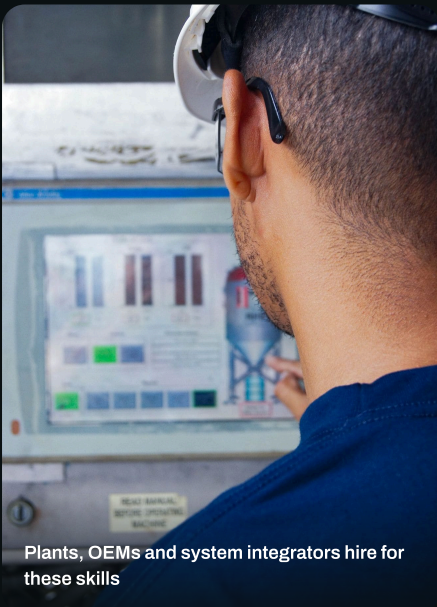
Application Engineer

SCADA Engineer

Design Engineer

Service Engineer

237 engineers we trained are on our placement wall by name and photograph, 74 of them placed with their batch year (2024 to 2026): edwartens.co.in/placements. Past placements are no guarantee of future placements.



Plants, OEMs and system integrators hire for these skills

WHERE IT CAN LEAD: MARKET PAY FOR AUTOMATION ENGINEERS

MARKET	ENTRY (0-2 YRS)	EXPERIENCED (5+ YRS)
India	₹2.5 to 4 L	₹12 to 24 L
Gulf	AED 95 to 145 K	AED 230 to 310 K
Europe	€45 to 57 K	€62 to 85 K
United Kingdom	£30 to 38 K	£45 to 60 K
United States	\$70 to 90 K	\$107 to 161 K

Gross annual pay for the role, published by salary sources (Talent Vertex Partners (India automation survey, June 2026), PayScale, Glassdoor, Indeed, ZipRecruiter, ERI SalaryExpert, and the EDWartens UAE salary guide for Gulf bands), August 2026. Market data, not EDWartens placement figures or a promise; overseas roles usually need 2-5 years' experience first.

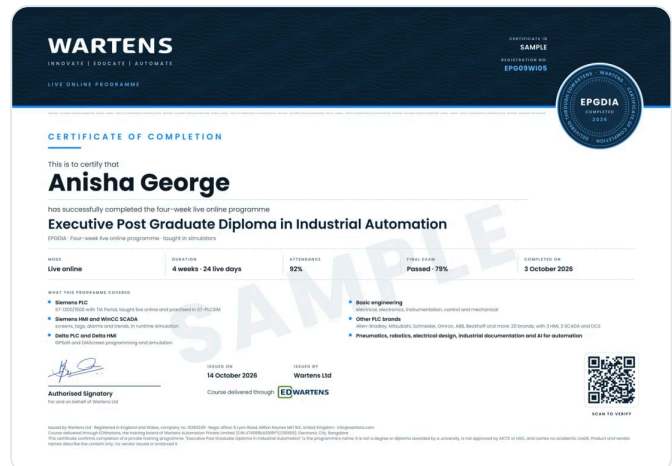
Everything included, one fee

₹14,999 including GST

12 months, start today

Fee as published on 23 October 2026. Paid once; no instalments.

- ✓ 24 video lessons and 75 self-study modules, 12 months of access
- ✓ Day booklets, quizzes, weekly tests and the final
- ✓ 4 plant projects, graded by an EDWartens engineer
- ✓ Practice in simulators on your own computer and the free 3D lab
- ✓ 6 one-to-one career sessions: resume, technical and HR
- ✓ Placement support until you hold an offer letter



EDWartens EPGDIA Course Certificate, issued by Wartens Ltd with a QR code anyone can check. Samples shown.

HOW TO JOIN

1

Buy on the website

₹14,999 including GST. Your portal account opens straight away.

2

Start the same day

Every lesson is open. Install the vendors' simulators as the first lessons show you, and open the 3D lab.

3

Book your career sessions

Resume reviews open after the week 2 test, mock interviews after the final: book them in the portal.

TALK TO ADMISSIONS

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Paid in full when you enrol. A full refund is available within 14 days of purchase if you have not opened any lesson; after that, or once a lesson is opened, the fee is not refundable. Full terms: edwartens.co.in/epgdia-self-paced-terms.

Recorded and self-paced: there are no live classes. Access runs 12 months from purchase; any extension is agreed with you in writing before it ends. The lessons stream from their creators' own channels or are EDWartens material; the study plan, notes, lab sheets, projects, assessments and career sessions are EDWartens material.

The self-paced EPGDIA is an EDWartens course and its certificate is an EDWartens credential. It is not a university degree, and it is not a UGC- or AICTE-recognised qualification or a vendor certification.

Eligibility: Graduates and diploma holders in electrical, electronics, instrumentation, mechanical or mechatronics engineering, B.Sc graduates in related subjects, final-year students and working professionals. You need a Windows computer that can run the course software and a reliable internet connection.

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