



# iKodeAutomation

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## Fully hands on training (Beyond Industrial Experience)



*“Where creation is the motive, Success will surely accomplish”*

# 1: Diploma In Automation & Robotics. (IKA-DIAR)

**135 Working Days**

**Note :100% Assured placement on this course**

Sr. No.	CODE	Name of Technical Training	Duration
1	PGDAIA-1/0	<b>Study Of Automation Components (Hands On.)</b> <ul style="list-style-type: none"> <li>✓ SENSORS (3, 2, 4 Wire sensors, NPN, PNP, Proximity, Inductive, Capacitive, Magnetic, Optical etc.)</li> <li>✓ Analog Sensors (Temperature, Pressure, Capacitive)</li> <li>✓ Relays, Contactors, OLR, SSR</li> <li>✓ PID, Temperature Controller</li> <li>✓ Circuit Breakers (MCB, MCCB, ACB, VCB, OCB, MPCB)</li> <li>✓ OLR, DOL &amp; Star Delta starter</li> <li>✓ Timer, Counters, Rate Indicators</li> <li>✓ Switchgears (LS, PB, SS, Contacts etc.)</li> <li>✓ Thermistor</li> <li>✓ Energy meters, CT, Other Control Panel Components.</li> <li>✓ Basic Electrical Symbols</li> </ul>	16-Hrs
2	PGDAIA-1/1	<b>PLC</b> <ul style="list-style-type: none"> <li>✓ Allen Bradley</li> </ul> (Hands on programming, Interfacing, Troubleshooting)	40-Hrs
	PGDAIA-1/2	<ul style="list-style-type: none"> <li>✓ Siemens</li> </ul> (Hands on programming, Interfacing, Troubleshooting)	30-Hrs
	PGDAIA-1/3	<ul style="list-style-type: none"> <li>✓ Mitsubishi</li> </ul> (Hands on programming, Interfacing, Troubleshooting)	30-Hrs
	PGDAIA-1/4	<ul style="list-style-type: none"> <li>✓ Delta</li> </ul> (Hands on programing, Interfacing, Troubleshooting)	30-Hrs
	PGDAIA-1/5	<ul style="list-style-type: none"> <li>✓ Omron</li> </ul> (Hands on programing, Interfacing, Troubleshooting)	30-Hrs
3	PGDAIA-1/6	<b>SCADA: (Any two)</b> <ul style="list-style-type: none"> <li>✓ AB-RS-VIEW</li> <li>✓ Wonderware InTouch</li> <li>✓ WinCC Flexible</li> </ul>	30-Hrs

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4	PGDAIA-1/7	<b>HMI: (Any two)</b> ✓ Mitsubishi GOT 1000 ✓ Delta DOP Soft ✓ AB Panel View Component ✓ Siemens WinCC Flexible	30-Hrs
5	PGDAIA-1/8	<b>Hydraulics &amp; Pneumatics</b>	20-Hrs
6	PGDAIA-	<b>DRIVE:</b> ✓ Yaskawa Servo Drive	16-Hrs
	1/9	<b>DRIVE:VFD (Any one)</b> ✓ Siemens VFD ✓ Allen Bradley VFD ✓ Mistubishi VFD ✓ Delta VFD	30-Hrs
7	PGDAIA-1/10	<b>INDUSTRIAL ROBOTICS</b> ✓ Universal Robot ✓ Basic Industrial Robot Training ✓ Advanced Industrial Robot Training	30-Hrs
8	PGDAIA-1/11	<b>Industrial Electricals &amp; Electronics</b>	20-Hrs
9	PGDAIA-1/12	<b>Industrial &amp; Electrical Safety</b>	8-Hrs
10	PGDAIA-1/13	<b>Resume Writing &amp; Interview Preparation</b>	12-Hrs
11	PGDAIA-1/14	<b>Weekly On Site Training</b>	16-Hrs
12	PGDAIA-1/15	<b>Live Project demonstration on PLC</b>	16-Hrs
13	PGDAIA-1/16	<b>P&amp;I Diagram : Reading Interpretation &amp; Drawing</b>	8-Hrs
14	PGDAIA-1/17	<b>Electrical Drawing : Reading Interpretation &amp; Drawing</b>	30-Hrs
15	PGDAIA-1/18	<b>Soft skills: Resume optimizing &amp; Interview Preparation</b>	

16	PGDAIA-1/19	<ul style="list-style-type: none"><li>✓ Weekly onsite training</li><li>✓ Interactive sessions by industrial experts</li><li>✓ Industrial visits</li></ul>	
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*2 Kode Automation*

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