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# **KISMEC INDUSTRIAL TRAINING PROGRAMMES**

NO	PROGRAMME	DURATION (DAY/S)
<b>CADD ARCHITECTURE</b>		
1	AutoCAD for Building Construction	3
2	AutoCAD for Mechanical	3
3	AutoCAD Drafting Essential	3
4	AutoCAD Electrical and Electronic	3
<b>ICT</b>		
5	Microsoft Excel Application Basic	2
6	Microsoft Excel Application Intermediate	2
7	Microsoft Excel Application Advanced	2
8	Network Security	3
9	Network Cabling Design and Implementation	3
10	Linux Server	2
11	Windows Server	2
12	Cyber Security Awareness	2
13	Google Workspace	2
<b>MARITIME</b>		
14	Ship Security Awareness	1
15	Designated Security Duties	2
<b>IOT &amp; AI MACHINE LEARNING</b>		
16	Python Programming - Basic	3
17	Low Cost IoT Implementation	3
18	Node-Red Flow Programming	3
19	OEE with IoT Application	3
20	Retrofitting Manufacturing into IIoT	3
21	Experiencing Bosch Sensor and IoT Gateway	3
22	Building IoT Gateways using Node-RED	3
23	Adoption of Generative AI In Manufacturing	4
24	Adoption of Agentic AI and IoT to Improve Productivity	5
25	Transforming Businesses with Intelligent Systems	5
26	Arduino Masterclass For Beginner	4
27	Raspberry Pi Masterclass For Beginner	4
28	AI Driven Plastic Processing Manufacturing	3
29	AI for Manufacturing Strategy, Analysis, and Innovation	4
<b>PLASTIC TECHNOLOGY</b>		
30	Fundamentals of Injection Moulding Process	3
31	Troubleshooting of Injection Moulding Process	3
32	Scientific Process Technician	10
33	Scientific Process Engineer	8
34	Injection Moulding Professional Certification	10
<b>ELECTRICAL</b>		
35	Smart Building and Maintenance	5
36	Air Condition System and Installation	5
37	Chargeman AO - Part Time	7 Months
<b>DRONE TECHNOLOGY</b>		
38	Drone Operations for Security Personnel	3
39	Drone Cinematography	3
40	Entry-Level Drone Pilot Program	3
41	RCOC-B Certified Training	8
<b>SAFETY &amp; HEALTH</b>		
42	Industrial Safety Personnel - DOSH & BOMBA Certification	8
43	AESP - Confined Space - DOSH Certification	2
44	WAH - Working At Height - NOSH GLOBAL Certification	2
45	OSH Coordinator - DOSH Certification	3
46	Job Hazards Analysis HIRARC	2
<b>PNEUMATICS TRAINING</b>		
47	Basic Pneumatic Systems	3
48	Electro-Pneumatic Controls	2
49	Pneumatic Systems Maintenance	2

NO	PROGRAMME	DURATION (DAY/S)
<b>HYDRAULICS TRAINING</b>		
50	Introduction to Hydraulics	2
51	Electro-Hydraulics	3
52	Proportional Hydraulics	2
<b>PLC (PROGRAMMABLE LOGIC CONTROLLERS) TRAINING</b>		
53	Introduction to PLC	2
54	Omron PLC - Basic	3
55	Omron PLC - Intermediate	3
56	Siemens TIA Portal S7-1200 Basics	4
57	Siemens TIA Portal S7-1200 Advanced	3
58	Allen Bradley Studio 5000 Basics	3
59	Allen Bradley Ladder Logic Basics	3
60	Bosch Rexroth IL25 IndraWorks	3
<b>AUTOMATION SYSTEMS &amp; DRIVE TECHNOLOGY</b>		
61	Sensor Technology	1
62	Servo Motor Technology	1
63	Basics of Mitsubishi Inverters	1
64	Variable Frequency Drive PowerFlex	1
65	Human Machine Interface (HMI) Proface	1
<b>INDUSTRY 4.0 &amp; SMART MANUFACTURING</b>		
66	Bosch Rexroth i4.0 MMS Training	5
67	FESTO MPS i4.0 Smart Manufacturing	5
<b>ROBOTICS &amp; AUTOMATION</b>		
68	Yaskawa Robot - Basic	2
69	Yaskawa Robot - Intermediate	2
70	APAS Collaborative Robot Bosch Rexroth	2
71	Mitsubishi MELSERVO Training Program Certified Training	2
72	Mitsubishi PLC Q Series Training Program	2
73	Mitsubishi MELSEC iQ-R PLC Training	2
74	Mitsubishi GOT 2000 Basic	2
<b>MACHINING</b>		
75	Fundamentals of Industry Machinist	5
76	CNC Turning	3
77	CNC Milling	3
78	Geometric Dimension & Tolerance	3
79	Mastercam Turning & Milling	5
80	Autodesk Inventor for Mechanical	3
81	Autodesk AutoCAD	3
82	Diploma Profesional in Equipment Maintenance	6
83	Mechanical Certified Technician	6
<b>SOLAR</b>		
84	SOLAR PV System Maintenance & Working at Heights	5
85	Basic Solar PV System Installation, Maintenance & Monitoring	4
86	Basic Solar PV System Installation & Maintenance	3
<b>AUTOMOTIVE</b>		
87	Basic Hybrid Electric Vehicles Operation & Maintenance	3
88	Basic Car Maintenance (Internal Combustion Engine - ICE)	3
<b>WELDING</b>		
89	TIG Welding	5
90	MIG Welding	5
91	SMAW Welding	5
92	AWS Certified Welder	5
93	Commercial Diver	14

# KISMEC ACCREDITATION & PARTNERS



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