

TRAIN WITH TEAMwork

Technology	Course Name	Course Description	Duration		Infrastructure	Eligibility	Post Training Skill Level	Certification
CNC	BASIC CompeteNC	CNC Turning & Milling	6 days	48 hours	Fanuc Based - CNC Lathe, CNC Machining Center	ITI	Sound knowledge on CNC machine operation	MTAB
		Programming & Operation			CNC Programming & Simulation Software	Diploma	Basic Knowledge on Tool selection.	
					eCNC - Web based CNC Teachware	Graduate	Configuration specific operations/functions	
							Checking of Machine parameters. Safety norms in CNC Machines	
	SIEMENS CompeteNC	CNC Turning & Milling	10 days	80 hours	Siemens 828D CNC Lathe, CNC Machining Center	Diploma	CNC Cycles for turning, milling and drilling.	MTAB-SIEMENS
		Programming & Operation			Sinutrain - Siemens Programming & Simulation Software	Graduate	Programming & Operation of SINUMERIK system	
		Maintenance			Shop Turn & Shop Mill for Programming		Working knowledge in latest 828D controller software.	
					eCNC - Web based CNC Teachware		In-depth knowledge on CNC Tooling.	
							DIN Standard Compliant Programming	
						Programming in Shop Turn & Shop Mill		
						Checking of Machine parameters in SINUMERIK System Safety norms in CNC Machines		
	GERMAN CompeteNC	CNC Turning & Milling	12 days	96 hours	Siemens 828D CNC Lathe, CNC Machining Center	Diploma	CNC Cycles for turning, milling and drilling.	MTAB-IHK, Germany
		Programming & Operation			5 Axis CNC Programming & Simulation Software	Graduate	Programming & Operation of ISO system	
		Production Optimization			Fixture Design Software		In-depth knowledge on CNC Tooling.	
		Maintenance			CAM Software		DIN Standard Compliant Programming	
		CNC eLearning Software			DIN Standard Compliant Programming			
		NCTest - CNC Testing Software			Familiarisation on program and production sequence on CNC Skills related to preparatory functions & programming measuring loops			
					Quality knowledge in machine preparation, Production Sequence, Program input & Program Management			

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Technology	Course Name	Course Description	Duration		Infrastructure	Eligibility	Post Training Skill Level	Certification
AUTOMATION	BASIC Automation	Pneumatics, Hydraulics, Electrical, Digital Electronics, PLC Circuit Design	6 days	48 hours	mecSIM - Automation Programming & Simulation	Diploma	Pneumatic Circuit design & execution	MTAB
					AutomationStudio - Industrial Automation Programming & Simulation Software	Graduate	Hydraulic Circuit design & execution	
							Electrical Control Circuit design.	
							Electrical one-line Circuit design.	
							Digital Electronics Circuit design.	
							Electro-Hydraulic & Electro-pneumatic Circuit design & execution	
ROBOTICS	BASIC Robotics	Robot Programming & Operation	6 days	48 hours	Basic Robot Programming & Simulation Software	Diploma	Programming 3 types of Robot	MTAB
					Robot	Graduate	Robot integration and basic automation applications	
							Knowledge in robot programming languages	
							Program transfer and download to robot control - Link	
							3D graphics test reach and detect collisions	
		Program Optimization Techniques to improve the productivity						

Get Job-Ready with

Technology	Course Name	Course Description	Duration		Infrastructure	Eligibility	Post Training Skill Level
CNC	Job CompeteNC	CNC Turning & Milling - Basic	24 days	192 hours	Fanuc Based - CNC Lathe, CNC Machining Center	ITI	Experience in CNC Assembly Shopfloor - Machine testing, machine commissioning and Trouble shooting
		CNC Turning & Milling - Siemens			CNC Programming & Simulation Software	Diploma	Experience in Machine Shop - Production, maintenance, quality and inspection
		Process Planning & Tooling Selection Production Optimization			eCNC - Web based CNC Teachware	Graduate	TPM Knowledge
		Maintenance			Siemens 828D - CNC Lathe, CNC Machining Center		Sound knowledge on CNC machine operation
		ISO Documentation			Sinutrain - Siemens Programming & Simulation Software		Macro Programming
		TPM Knowledge			Shop Turn & Shop Mill for Programming		In-depth knowledge on CNC Tooling.
					eCNC - Web based CNC Teachware		Configuration specific operations/functions
					Machine Shop		Checking of Machine parameters in Fanuc & SINUMERIK system
					CNC Assembly Shopfloor		CNC Cycles for turning, milling and drilling.
							Programming & Operation of SINUMERIK system
		Working knowledge in latest 828D controller software.					
		DIN Standard Compliant Programming					
		Programming in Shop Turn & Shop Mill					
		Safety norms in CNC Machines					
		Blueprint Programming					
		Documentation Preparation - ISO Standards					
AUTOMATION	INDUSTRIAL Automation	Pneumatics, Hydraulics, Electrical, Digital Electronics, PLC Circuit Design	15 days	120 hours	mecSIM - Automation Programming & Simulation Software	Diploma	Experience in Automation Assembly Shopfloor - Equipment testing, commissioning and Trouble shooting
		Sensors - Operation & Application			AutomationStudio - Industrial Automation Programming & Simulation Software	Graduate	Pneumatic Circuit design & execution
		Automation - Programming & Operation			PLC Trainer		Hydraulic Circuit design & execution
		Automation - Design & Execution			Sensor Trainer		Electrical Control Circuit design.
		Maintenance & Troubleshooting			Automation Kits		Electrical one-line Circuit design.
					Automation Assembly Shopfloor		Digital Electronics Circuit design.
							Electro-Hydraulic & Electro-pneumatic Circuit design & execution
							Maintenance & Troubleshooting of circuits
							PLC Programming & operation
						PLC Selection	
		PLC Control Circuit design & execution					
		Automation Systems design & execution					
		Documentation Preparation - ISO Standards					
ROBOTICS	ADVANCED Robotics	Robot Programming & Operation	15 days	120 hours	Basic Robot Programming & Simulation Software	Diploma	Experience in Robot Assembly Shopfloor - Robot assembly, testing and Operation
		FANUC robot programming			5 axis Robot	Graduate	Programming & Application of 3 types of Robot
		ABB robot programming			6 axis Articulated Robot		Robot integration and advanced automation applications
		KUKA robot programming			Advanced Industrial Robot Programming & Simulation Software		Knowledge in 3 robot programming languages
		Advanced Automation Applications			FANUC robot programming		Program transfer and download to to robot controls - Link
					ABB robot programming		Program Optimization Techniques to improve the productivity
					KUKA robot programming		3D graphics test reach and detect collisions
	Robot Assembly Shopfloor	Create simple robots using basic kinematics and inv. Kinematics					
		Learn Workspace software- Advanced Industrial Robot Programming software used for robot design, creation, programming and application development					