Micro Credential



Fundamentals of Industrial Drive and Controls

MCr Code: IAS/MCr-0003

Version: 1.0

NSQF Level: 5.5

Instrumentation, Automation, Surveillance & Communication Sector Skill Council || IASC SSC, 201-202, STBP NSIC Complex, Okhla Industrial Estate, New Delhi 110020 || email:ceo@iascsectorskillcouncil.in

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IAS/MCr-0003 : Fundamentals of Industrial Drive and Controls

Description

The scope of the basics of drive and control encompasses understanding fundamental principles of motor control, including various types of motors, control methods, feedback systems, power electronics, and their applications in industrial processes. It provides a foundation for designing, implementing, and troubleshooting control systems for diverse industrial applications.

Micro Credential Module Details and Duration

Training Delivery Mode	Theory (Hours)	Practical (Hours)	Total (Hours)
Classroom Offline Only	0010:00	0020:00	30:00

Assessment Criteria

Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Passing Percentage
40	50	-	10	100	70

Micro Credentail (MCr) Parameters

MCr Code	IAS/MCr-0003
MCr Name	Fundamentals of Industrial Drive and Controls
Sector	Instrumentation
NSQF Level	5.5
Credits	1
Version	1.0
Minimum Job Entry Age	NA
Minimum Educational Qualification & Experience	Completed 3 year diploma after 10th (In the Relevant Field (Instrumentation/EEE/ECE/Mechanical/Electrical/Mechatronics/Engg.)*) with 3 Years of experience relevant Industry Experience OR Completed 3 year UG degree ((B.E/B.Tech) in The relevat Field* (Instrumentation/EEE/ECE/Mechanical/Electrical/Mechatronics/Engg.))
Pre-Requisite License or Training	NA
Last Reviewed Date	22/10/2024
Next Review Date	22/10/2029
NSQC Clearance Date	22/10/2024
Reference code on NQR	NM-5.5-AU-03304-2024-V1-IASC
NQR Version	1.0