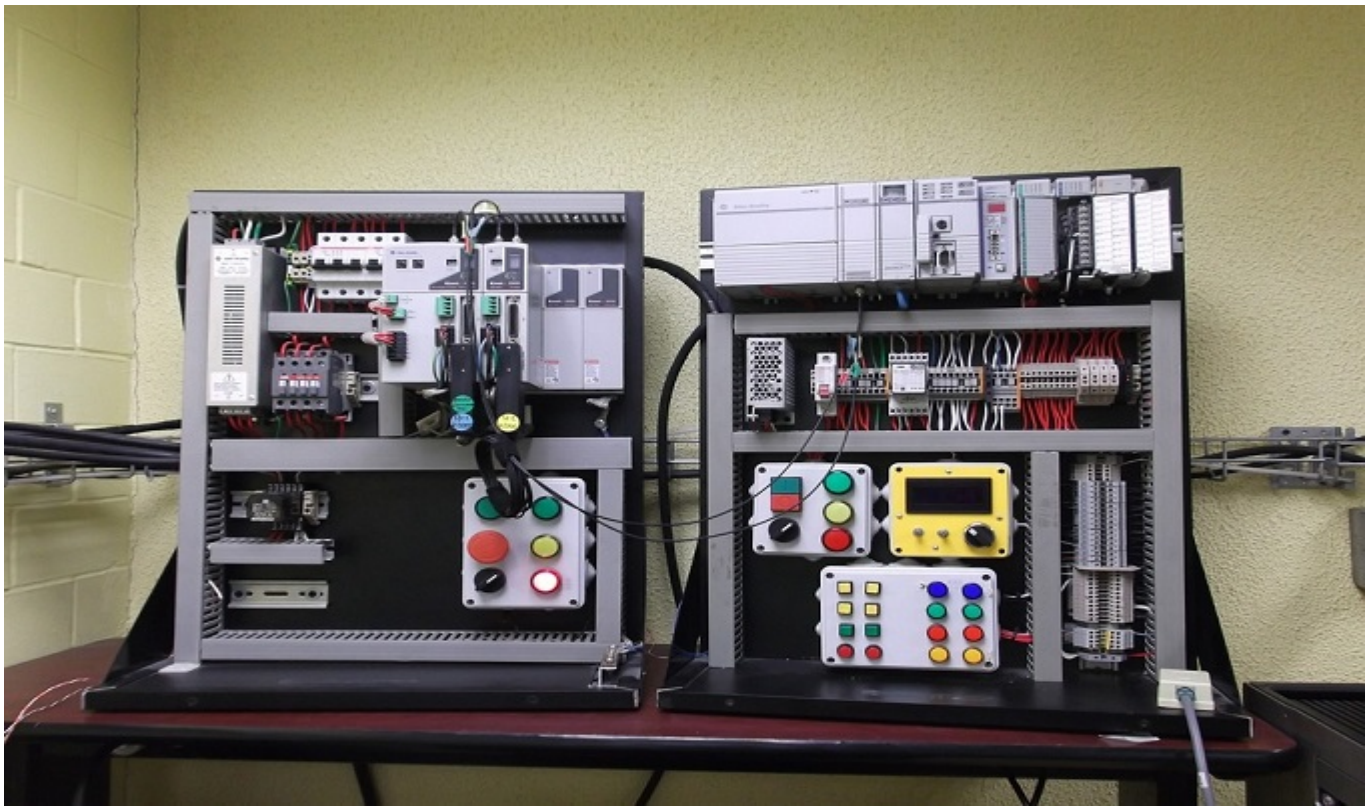
**Micro Credential**



# Fundamentals of PLC PROGRAMMING

MCr Code: IAS/MCr-0004

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-0004 : Fundamentals of PLC PROGRAMMING

## Description

Responsible for programming PLC needed for controlling various processes of industries, finding and fixing errors or faults.

## Micro Credential Module Details and Duration

| Training Delivery Mode | Theory (Hours) | Practical (Hours) | Total (Hours) |
|---|---|---|---|
| Classroom Offline Only | 0012:00 | 0018:00 | 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-0004 |
| **MCr Name** | Fundamentals of PLC PROGRAMMING |
| **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 (Instrumentation/EEE/ECE/Mechanical/Electrical/Mechatronics/Engg.*) with 3 Years of experience of relevant Industry Experience<br>OR<br>Completed 3 year UG degree (B.E/B.Tech) in The relevant 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-03305-2024-V1-IASC |
| **NQR Version** | 1.0 |