

Centre of Excellence in Automation Technologies (A Joint Training Centre)

A state-of-the-art training at SRM Institute of Science and Technology, Kattankulathur

Hydraulics Technology

The primary objective of this centre is to produce trained man power for automation industries.

The SRM-BRIN centre has state-of-the-art laboratories for doing research, and providing world class training in

- Industrial Automation
- Hydraulics
- Pneumatics and
- PLC

Hydraulics Technology

1: Basic Hydraulics

2: Electro Hydraulics

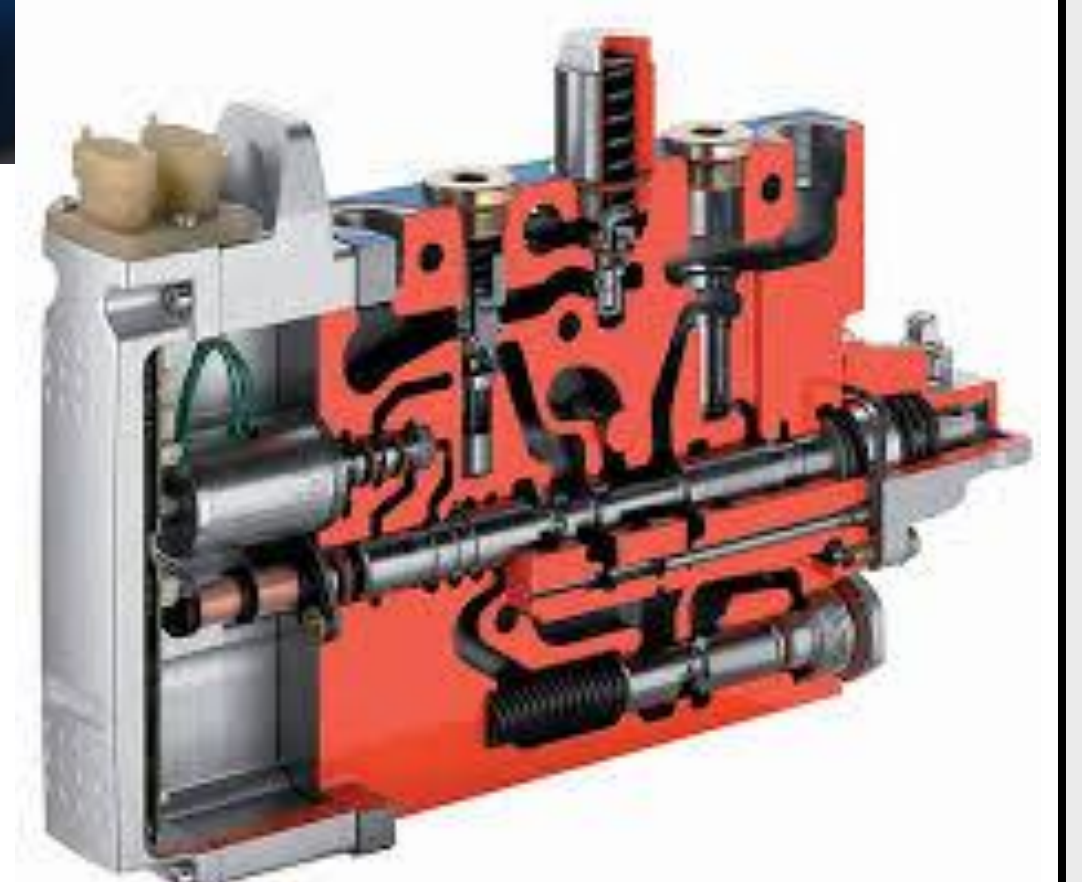
3: Proportional Hydraulics

Hands on training includes

- Understanding of symbols
- Components
- Circuits design
- Application based experiments
- System level design
- Course material is available for all modules

□ **Certification :**

On successful completion of the courses trainee will get a certificate jointly by SRMIST and Bosch Rexroth.



For Whom

This training is designed for Diploma, UG / PG students, academicians working in engineering colleges, and employees from automotive and manufacturing industries.

Selection Process

Selection will be based on first-come-first served basis

Rs 4500/- per Course for
SRM Group of Institutions

For Course Registration:

Dr. R. Murugesan,
Coordinator, SRM- BRIN,
Centre of Excellence in Automation Technologies,
PG- Block Main campus,
SRM Institute of Science and Technology,
Kattankulathur – 603203
E-Mail : murugesr@srmist.edu.in
Mobile : 9445126532

Centre of Excellence in Automation Technologies (A Joint Training Centre)

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Pneumatics Technology

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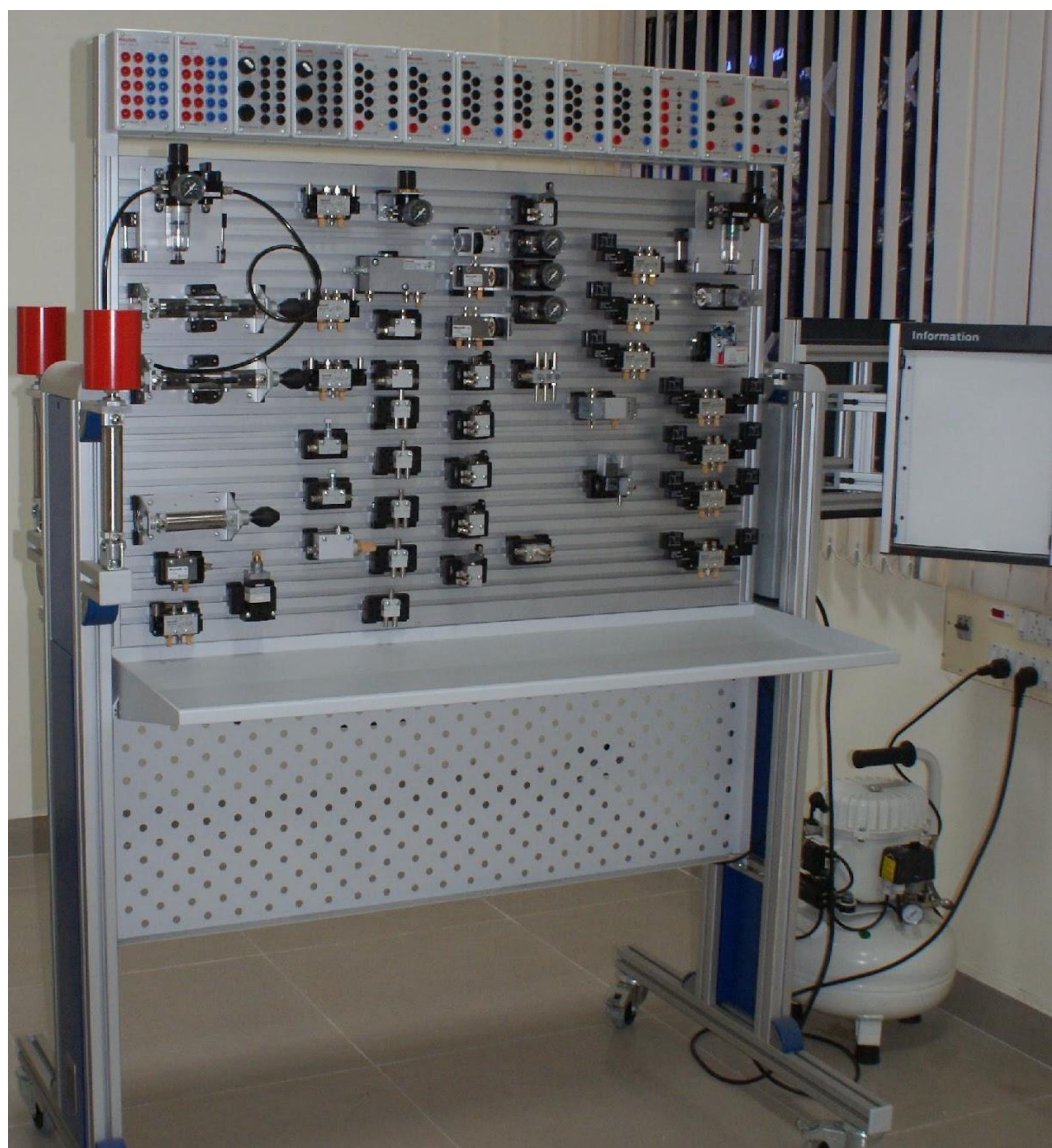
- Industrial Automation
- Hydraulics
- Pneumatics and
- PLC

Pneumatics Technology

- 1: Basic Pneumatics**
- 2: Electro Pneumatics**
- 3: Advanced Pneumatics**

Hands on training includes

- Understanding of symbols,
- Components,
- Circuits design,
- Application based experiments, sub system and system level experiment design.
- Course material is available for all modules
- **Certification** : On successful completion of the courses trainee will get a certificate jointly by SRMIST and Bosch Rexroth.



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Centre of Excellence in Automation Technologies (A Joint Training Centre)

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PLC Technology

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- Industrial Automation
- Hydraulics
- Pneumatics and
- PLC

PLC Technology

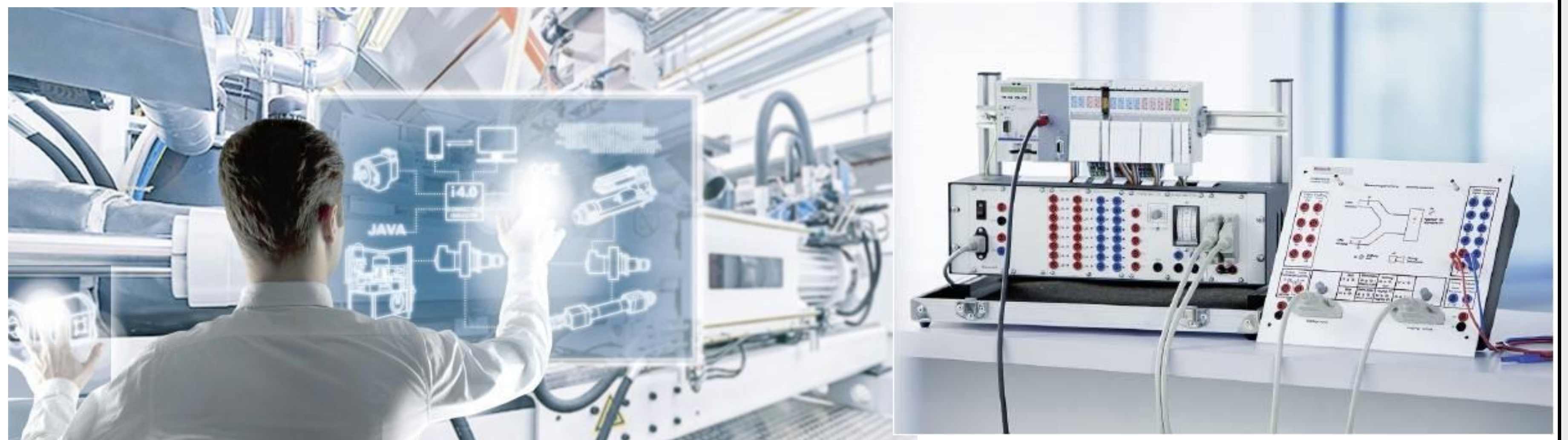
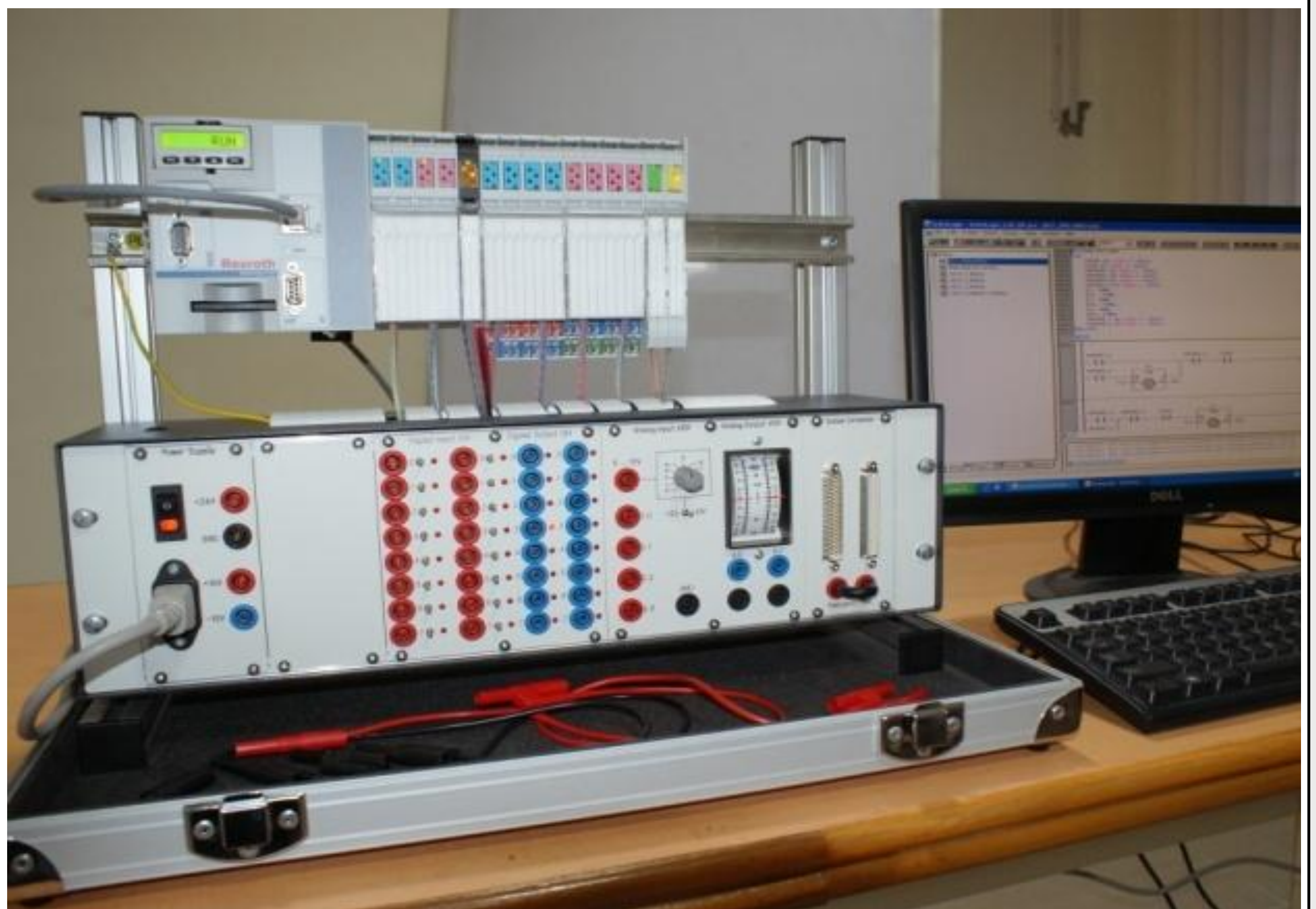
1: PLC Basics

2: PLC Programming

3: Interface to Pneumatics Drive

Hands on training includes

- PLC programming-basics
- Applications
- Bosch Rexroth PLC programming
- Real time interfacing with drives
- Course material is available for all modules
- **Certification** : On successful completion of the courses trainee will get a certificate jointly by SRMIST and Bosch Rexroth.



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