

The background of the entire page is a photograph of an industrial facility, likely a refinery or chemical plant, at night. Large storage tanks and complex piping are illuminated by bright lights, creating a high-contrast scene. The image is partially overlaid by large, abstract geometric shapes in yellow, black, and blue on the right side, and a large blue triangle on the bottom left containing the main text.

# **WORLD CLASS AUTOMATION TRAINING PROVIDER**

An ISO 9001: 2015 Certified Company | Government & International Approved Certifications [www.ipcsautomation.com](http://www.ipcsautomation.com), [www.ipcs.com.co](http://www.ipcs.com.co)



## Join IPCS & Gain Experience and Benefits

- International TUV-Rheinland Germany Certification
- Government of India Embassy Attestable Certification
- On Job Training & Placements
- Industry Experienced Faculties & Hi-Tech Lab
- Regular and Part time Batches
- Fully Practical & Individual Training

IPCS is conducting various training programs for corporate companies and professionals in areas of SCADA, PLC, DCS, Process control, HMI, Panel Designing, BMS, Access Control, HVAC, Fire Alarm, Security Systems, Industrial Networking, Electrical Controls & Drives, IPCS is an ISO 9001 : 2015 Certified Company. IPCS courses are accredited by TUV Rheinland - Germany, International accreditation Organisation - USA, Supreme Education Council - Qatar, KHADA - Dubai and Certified by BSS - Government of India, STED - Government of NCT Delhi. It is a golden opportunity for professionals in the fields of electrical, electronics and instrumentation to mould a bright future in automation sector.



The training program is excellent. The staffs are well Experienced and kind to deliver all they can to make me better. It was a nice experience to study at IPCS.

**Belete Massa, Edmonton, Canada**



I was happy with the course, The teachers are very helpful and knowledgeable. It was good to have hands on experience with various brands of equipments. I will recommend this course for other people looking for PLC training.

**Mathew Stephan Johl, South Africa**



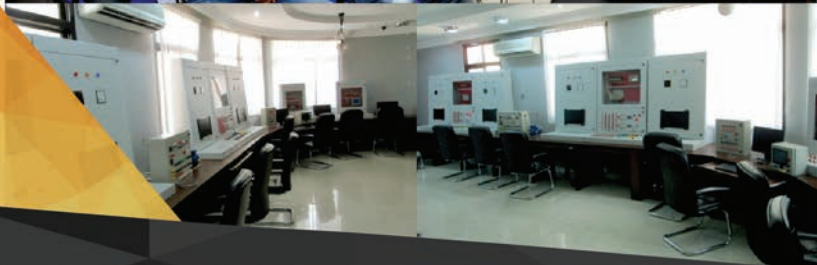
I did my Automation System Engineer Training at IPCS. The training was 100% Industrial Oriented, the Faculty members were friendly and Skilled. I got a placement also through IPCS, Thank you!

**Muhd Musthafa - PLC Programmer,  
APE Automation, Coimbatore**



Out of USA and India, the two options before me for advanced Automation courses. I decided to join IPCS as your syllabus and support are far ahead compared to other training centres globally.

**Oyebajo Adelan. j, Bua Sugar  
Renery Limited. Lagos,**





# AUTOMATION TRAINING PROGRAM



The training programs provide the best practices in the latest technology, trends to challenges in the immensely competitive areas of SCADA, PLC, DCS, HMI, VFD, Panel design and Electrical controls. Our course is highly Practical-oriented, aimed at supporting and encouraging fresh engineers to foray into automation industry and to tune each engineer personally.

## **AUTOMATION SYSTEM ENGINEER**

Duration: 240 Hours

## **ADVANCED AUTOMATION SYSTEM PROFESSIONAL**

Duration: 150 Hours

## **ADVANCED PLC PROGRAM PROFESSIONAL**

Duration: 90 Hours

## **ELECTRICAL CONTROLS & PANEL DESIGNING**

Duration: 60 Hours

## **INDUSTRIAL NETWORKING**

Duration: 30 Hours

## **DCS ENGINEERING & MAINTENANCE**

Duration: 60 Hours

## **PROFESSIONAL DIPLOMA IN INDUSTRIAL AUTOMATION**

Duration: 6 Months

## **PROFESSIONAL DIPLOMA IN INDUSTRIAL AUTOMATION**

- Basic Electrical / Electronic System
- Industrial Electrical Systems
- Industrial Panel Board Designs
- Industrial process Control System
- Industrial Automation Systems
- Industrial Pneumatic / Hydraulic Systems
- Project Planning / Documentation / Safety
- On site Projects / internships

## **Get Trained with Top Brand Tools**

**PLC** : Siemens, Allen-Bradley, ABB, Mitsubishi, GE-Fanuc, Keyence, Omron, Delta, Schneider Electric

**SCADA** : InTouch, I Fix, WinCC, Movicon, FactoryTalk

**HMI** : Siemens, Allen-Bradley, Delta

**VFD** : Schneider Electric, Delta, Allen-Bradley

**PAC** : Allen-Bradley

**DCS** : Yokogawa

Pneumatics & Calibration, Field Instrumentation Interface, Industrial Networking, Electrical Control Panel.

## **Electrical Control & Panel Designing**

- |                      |                                      |
|----------------------|--------------------------------------|
| ■ Relay Logic System | ■ Instrumentation Simulation Control |
| ■ Panel Designing    | ■ Field Instruments                  |
| ■ PLC Wiring         | ■ CAD                                |
| ■ DOL Wiring         | ■ Servomotor Control                 |
| ■ Star-Delta Starter | ■ Pneumatics                         |
| ■ Digital Time       | ■ Variable Frequency Drives          |

\*SCADA/VFD/HMI-students can select only 2 brands based on the availability

# BUILDING MANAGEMENT SYSTEM

The world is becoming smarter and greener by the implementation of high end automation systems. Building Management Systems leads to more optimized control of resources, high end security and ease of access from anywhere. The internet of things initiated by big technology ventures will create a smart world which can be controlled by just a click. The industry is looking for skilled professionals who can meet all the requirements in BMS sector. IPCS Certified BMS Engineer training program is a golden opportunity to enhance your employability in home automation and BMS sector.

**Diploma in Building Management Systems**  
Duration: 6 Months

**Certified BMS Engineer**  
Duration: 3 Months

**CCTV & SECURITY SYSTEMS**  
Duration : 1 Month

## Get Trained with Top Brand Tools

CCTV, Networking  
Biometric Access Control System  
Fire Alarms & Panels  
Surge & Lighting Controls  
Solar Panels, Lightning Controls  
Video Door Phones, CAD Drawing  
Building Management Systems & Configuration  
Servo Drives, Micro Controllers

Pneumatics & Control Systems  
Relay Logic Systems, VFD'S & Control Panels  
PLC, SCADA, RTU, HMI  
Filed Instrumentation  
Automatic Gates & Barriers  
Mobile Communication & GPS systems  
HVAC, UPS & Generators

## EMBEDDED Systems Training

**Certified Embedded Design Professionals**  
Design (Crash)

**Embedded Project Development**  
Embedded System

PIC - Microcontrollers / Embedded C Programming 8051 / AVR / Real Time Operating System (RTOS) GSM/ GPS Systems / ARM Processors and Robotics.

## CERTIFIED IOT PROFESSIONAL

Duration : 140 Hours

Introduction to IoT  
Fundamental Study  
ARDUINO Programming  
ARDUINO -NodeMCU  
PYTHON PROGRAMMING  
Raspberry Pi



# NDT, QA/QC & PIPING ENGINEERING

## NDT Program Structure

Duration: 2.5 Months

NDT Level II  
Mechanical QA/QC  
Piping Engineering  
Testing & Inspection

## MEP Program Structure

Duration: 3 Months

### HVAC DESIGNING AND DRAUGHTING

HVAC Design Calculation  
Equipment Selection  
Estimation of Project  
Software Designing  
Drafting

### ELECTRICAL DESIGNING AND DRAUGHTING

Fundamentals  
Wiring and Cable Management Systems  
Lighting Management System  
Power Distribution System  
Earthing & Lightning Protection System  
Transformers & Generators (HT)  
Electrical Design Calculations  
Electrical System Draughting (CAD)

### PLUMBING DESIGNING

Fundamentals of Plumbing System  
Plumbing Drawing

### FIRE FIGHTING DESIGNING



## Top Placement Track Record

IPCS have an excellent track record in placing students in reputed companies and industries.



Anu Chandran  
Electrical Engineer  
United Engineering  
Projects Co. LLC  
Muscat, Oman



Anmon Issac  
Engineer  
Frasco Advanced  
Japan



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Gov. of India



TUV-Germany



Gov. of India



Gov. of India



IAO-USA



DELTA-Taiwan



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Dubai

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