

# *DPA Training Center*

## FAQ's

### 1. What is Automation?

**Automation** is the use of control systems (such as numerical control, programmable logic control, and other industrial control systems), in concert with other applications of information technology (such as computer-aided technologies), to control industrial machinery and processes, reducing the need for human intervention in the scope of industrialization, automation is a step beyond mechanization. Whereas *mechanization* provided human operators with machinery to assist them with the *physical* requirements of work, *automation* greatly reduces the need for human *sensory* and *mental* requirements as well. Processes and systems can also be automated.

### 2. What is the scope of Automation?

The scope of automation is very wide. If u r from electrical. Electronics & communication and instrumentation field, u should go for this training.. Now automation is used in each and every company where machines are involved and some or other process is involved. It is done through PLC, SCADA, HMI, DRIVES etc. . . . Chances of getting placed after this training are higher. Now u can go in building automation/home automation also. Believe me it is a bright field.

### 3. Training is practical or theoretical?

DPA do cover theory but more emphasis is given on practical.

### 4. What does 'PLC' mean?

A PLC (Programmable Logic Controllers) is an industrial computer used to monitor inputs, and depending upon their state make decisions based on its program or logic, to control (turn on/off) its outputs to automate a machine or a process.

### 5. What are the job opportunities after completion of this course?

Due to globalization, industries are forced to employ automation to achieve:

1. International quality standards.
2. Adhering strict delivery schedules.
3. Less dependence on labour.

So you will find automation in each & every industry irrespective of its size.

As the demand of automated machine is on rise, you will find increase in manufacturers of such machines & plants.

Now, the user & manufacturer of automated systems require engineers to design, maintain & modify such systems. So ideally every industry needs such automation engineers. So, imagine the job opportunities for the right candidates.

Moreover, in automation field, same products are used globally resulting into opportunities all over the world for the same knowledge set.

We have included everything in this course, which industry dreams the automation engineer to know. As this course transforms a typical engineer (electrical, electronics,) into automation engineer, whenever industry wants to employ engineers for design, project or maintenance, it prefers versatile automation engineer to any typical engineer.

So there are always more no. of job opportunities waiting for an Automation engineer than a typical engineering graduate or diploma holder.

**6. What is normal salary structure one can expect after completion of the DPA Certified course?**

Automation engineers are expected to be recruited in the area of design & maintenance. Both fields are experience based field. So, after completion of course, one may be recruited at the normal salaries, which a typical engineer expects, i.e. in the range of 1 to 2 Lacs annually. After experience of 2 to 3 years, an automation engineer can expect salaries ranging from 3 to 5 lacs annually depending upon the capability of the individual & the organization, he is working with.

This course enables you to enter into a creative & prosperous field of automation. After experience of more than 5 years, sky is the only limit for right candidates in industrial automation field.

**7. If we are not technically sound, will we be able to grasp?**

Yes. DPA start the training from basic and cover the course in details so it should not be a problem for you to understand. We expect you to be able to solve all the routine automation related problems after completion of the course.

**8. Can I start my own business after completion of his course?**

Definitely yes. You can start a system integration business after one or two years of experience after completion of the course. This is a very wonderful line of business, which is very creative & prosperous. The beauty of this line is that you need not invest in space, equipments & manpower to start with.