

Course Name : Basic Process Instrumentation

Course Code : IA 06

Overview of the Course:

IATCA is conducting a 60 Hrs hands on training on Basic Plan on Industrial Electricals for budding Instrumentation and electronics engineers who need to take up an industrial training after 6th semester of their academic curricula. Course focus is on Industrial Automation basic concepts, design and development.

The participants will gain knowledge and will have the opportunity to, best practice in operation, testing and commissioning, of instrumentation systems, equipments etc

Who should attend

BE or Diploma Engineering students after completion of 6th/5th semester in Instrumentation and Electronics discipline.

Learning Outcomes:

Principle of operation of various thermocouples, thermocouple materials and color code
Working principle of bimetallic, liquid filled, vapour type thermometers, bourdon gauge etc
Connection of RTD's and thermocouple
Familiarization of different types of temperature controllers along with PID
Familiarization with manometers and C type bourdon gauge
Calibration techniques of pressure gauges, RTD's etc
PID applications, Control valve characteristics and sizing

Training Methodology:

The course will be conducted as individually cared program with hands on practical training supported by lectures as and when necessary sometimes using Power Point Presentations, Candidates shall have to carry out necessary wiring and testing on their own under supervision of instructors..

Training Materials:

All the candidates shall be given the following document which they can copy in their pendrive consisting of

1.Training Documents

Certification:

On completion of training, all candidates shall be evaluated by authorities of International Institute for Advanced Training on Energy and Automation and successful candidates shall be issued certificates by them

Course Fees:

For candidates of India, – Rs 4000/-

Course fees are subject to all taxes @ actuals if applicable and payable 100% in advance

All payments either in cheques or DD should be in favour of “**Joyjeet Das Memorial Foundation and Educational Trust** “

Duration: 40 hrs or 10 modules (each module is of 4 Hrs)

Maximum duration : 1 Month

Institute operating Time: 10:00 am - 08:00 pm (Mon to Sat) and 10:00 am – 04:00 pm (Sun)