

## ADD ONS



- ✘ Soft Skill Training from Management Experts
- ✘ Interview Etiquettes
- ✘ Important Technical course Material
- ✘ Job Assistance
- ✘ ISA Membership

## Benefits



## PLACEMENT OPPORTUNITIES IN

- ✘ EPC Companies
- ✘ Automation Companies and System Integrators
- ✘ Consultancy Companies
- ✘ Construction Companies
- ✘ Maintenance Companies



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# Learn More to Earn More





### Salient Topics covered in Engineering Module

- ✘ Introduction to Industries and Leverage of Automation
- ✘ FEED/PRE-FEED
- ✘ EPC
- ✘ Job Sequence in Execution of a Project standards
- ✘ PFD,PSFD and PID
- ✘ Instrument Index
- ✘ Area Classification
- ✘ Instrument Types and Data Sheets
- ✘ Valves and its types
- ✘ Sizing
- ✘ HAZOP/SIL

### Salient Topics covered in Automation Module

- ✘ Overview about DCS /PLC (ESD, F&G, BMS) Package Systems (CCC, MMS, AMS)
- ✘ Overview about System Architecture Drawing
- ✘ Panel Sizing
- ✘ Preparation of IO List
- ✘ PLC Product Range
- ✘ Logic Programming
- ✘ HMI graphics
- ✘ PID Controller Tuning
- ✘ Overview about ABB and Siemens PLC

### Salient Topics covered in Smart Plant Instrumentation

- ✘ Definition / version
- ✘ Database and Version
- ✘ Index Module
- ✘ Specification Module
- ✘ Wiring Module
- ✘ Hookup Module Linking
- ✘ Generating BOM from Hookup
- ✘ Extracting Loop Diagram from SPI database
- ✘ Overview about Admin role.
- ✘ Projects Practice



### Salient Topics covered in Design Module

- ✘ Instrument Installation Typical Details
- ✘ Instrument Hookup
- ✘ Layouts
- ✘ Wiring Diagrams
- ✘ Control Room Layout
- ✘ Overview about AutoCAD and 3D Modeling
- ✘ UPS Sizing / Voltage Drop Calculation
- ✘ Earthing and Grounding Details

ATAS AND VIPRA jointly provide training in SMART PLANT INSTRUMENTATION and INSTRUMENTATION ENGINEERING.

It will benefit fresh and experienced engineers to gain complete knowledge about Instrumentation Design/Detail Engineering and fetch the sectors of his interest.

### Four Dimensional Training



Engineering Module	Design Module	Automation Module	Smart plant Instrumentation
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Duration : 2 Weeks

