

About Our Training Facility and Courses

SSK Design, Chennai, is fully equipped with multiple demo systems of complete range of PLC products from Siemens/Allen-Bradley/GE-Fanuc. This gives an opportunity to the engineers attending the training classes to get exposure to all of the latest products of well known control systems. This will definitely improve the engineers knowledge and confident at work site.

SSK Design offers the following training courses to meet our customers' expectation and requirement.

Level – I Basics & Configuration.

Level – II Configuration & Implementation.

Level I Training:

Review of P&ID, Instrument Loop Diagram, Panel Drawing, Instrument Hook-up Drawing, Overview on field instrumentation, Practical exposure to Field instrumentation, PLC / DCS I/O List, Configure the PLC, Develop Logic Diagram, Develop the SCADA, Simulate the Field I/O to verify configuration.

Level II Training:

Review of System Architecture, Hardware & Software, Overview on FDS and GDS documents, Configure PLC I/O, Develop logic, Develop Graphic, Simulate the field I/O, Fetch the field value into the PLC HMI Graphics, Hardware Diagnostics, PLC Workshops.

Demo System at our facility:

Allen-Bradley: Micro Logix, SLC-500, Control Logix PLC, Panel View

Siemens : S5-100U, S7-200, S7-300 & S7-400.

GE-Fanuc: 90-30.

Omron : Sysmac CPM1

ABB : Advant -31

Xlogic : Micro Controller, GSM PLC, Wifi PLC



SSK Delta Design Engineering Private Limited

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SSK Delta Design Engineering Private Limited

Our Core Business

- System Integration (SI).
- Automation Solution Provider.
- Engineering Consultation for PLC/DCS.
- Tailor made solution for customer's needs on Automation requirements.
- Industrial Training on Automation products.
- Smart Security System Supplier.
- Supply fully Engineered PLC Training Simulator.
- Domestic Automation Product Supplier.

Our Business Area

- Supply and Services of Industrial Automation products to Oil & Gas, Pharma, Methanol, Ammonia & Downstream Products.
- Supply and Services of Domestic Automation products to Hospitals, Theaters, Offices, Trust and Educational divisions



Visit our website for more info: www.sskdesign.in

Contact us: 9840292883/7358215337

Quality Policy: Our prime goal is to achieve the customer's satisfaction through continuous followup and providing the world class engg. service.

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SSK Delta Design Engineering Private Limited (in short "**SSK Design**") based in Chennai is a company providing Automation Integration and Specialized Services / Solutions on the Industrial Process Control Systems such as DCS / ESD / PLC / RTU / SCADA, etc. We specialize in design, engineering, system integration services and installing the highest quality and most advanced process and plant control systems such as Emerson's DeltaV & Ovation DCS, Allen-Bradley's PLC, Siemens PLC, GE-Fanuc PLC, LS and EASY PLCs. We have the scope and capability to bring all the benefits of our innovative approach to anything from a single control panel to a full turnkey solution for Control & Automation of complete process to Clients all around the world.

We provide the automation solutions that meet global Quality Standards and excellence in engineering

SSK Design Operations is managed by well experienced professionals and internationally minded technocrats having many years of experience in various industrial segments. We are a multi-disciplinary engineering organization in the field of Instrumentation in providing complete range of services from concept to commissioning.

We have proven track record of successfully completing the international projects in which we have designed / configured and commissioned Latest Emerson DeltaV DCS, SIS and F&G Charm System.

SSK Design is the authorized distributor for EASY/RIVETECH smart PLC products in India.

Valued Customers

Indian Clients:

- Orchid Chemicals and Pharmaceuticals. Ltd
- Coromandel Fertilizers Ltd.,
- Asian PPG

Foreign Clients

- Proman GmbH., Germany.
- Legin Design., Trinidad & Tobago.
- HRM Limited., Trinidad & Tobago.
- WELDFAB Limited., Trinidad & Tobago.
- Dresser-Rand Houston Texas., USA
- Total Plant Management Group., USA
- G2X Energy, Inc. USA.

Engineering & Design Services

We supply / Install / commission of small to large scale PLC / DCS control systems with fully engineered.

Following are the list of various engineering services offering to the industries.

Design:

Developing the Plant's Overall Automation System Overview; Defining the Integration methodology of various Control Systems; Develop the DCS / PLC Specification; Selection of DCS / PLC; Generating the Budgetary Proposal for Automation System and so on.

Detailed Engineering:

Extracting the DCS / PLC I/O List from the P&ID; Developing the Control Narrative based on the P&IDs; Generating Excel Based Instrument Loop diagram; Generating the Instrument Hook-up Drawing, Developing the Cable Tray Routing and so on.,

We supply fully engineered training simulation system to colleges, industries and training centers.

We undertake AMC (Annual Maintenance Contract) and support expansion or shutdown activities on the following well-known control systems in Oil & Gas, Pharma, Chemical and other industries.

- Allen-Bradley's PLC
- Siemens PLC
- GE-Fanuc PLC
- Emerson DeltaV DCS
- Emerson Ovation DCS

Industrial products.

- GSM/GPRS RTU/PLC to remotely monitor and operate the plant.
- Micro PLCs from our Principal EASY/RIVETECH
- MCC Energy Monitoring System which includes the SCADA & Energy Meters.
- Access Control System & Attendance Time Management System
- Supply fully engineered SCADA System (PCvue)

Domestic products.

- GSM Security System.
- CCTV / IP Camera Security Surveillance.
- Overhead Water Level Controller (Wired / Wireless).
- RF (Radio Frequency) based control switches.
- GSM/GPS Vehicle Security System.
- GSM Motor Controller (Agriculture Purpose)



- Micro PLCs
- PLC starts from 6, 12, 18, 22, 26 and upto 180 I/O
- Wi Fi PLC
- 4" Panel view
- Support Modbus RS-485
- Native SCADA
- Support GMS/SMS Control



- GSM PLC/RTU
- Monitor Plant Remotely
- SMS for Process alarm.
- Monitor PLC/DCS Failure
- SMS reminder for alarm
- Operate Equip. Via SMS
- Free Scada



- GSM Security System
- Motion Detection
- Two way communication
- SMS and Call Alert
- Power Fail Alert
- Supports 10 phone no.
- Battery Backup



- Smart IP camera
- Two way communication
- View on Android & Mobile phone
- Motion Detection Alert.
- Email Picture, SD Card
- Night Vision, Wireless
- Inbuilt Siren; Remote Alarm



- Access Control System
- Capacity: 1000 users
- Fingerprint / RFID
- 2.8" TFT Screen
- TCP/IP, USB
- Free Attendance Software
- Battery Backup
- Support Wiegand I/Os



- GPS Vehicle Tracker
- Remote Voice Hearing
- Arm / Disarm via Remote
- Shutdown via SMS.
- Ignition alert SMS
- Support 10 phones

Refer our Website for more