



# Industrial Automation Consultants

## Company Synopsis

**Presented by:**

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**DIRECTOR**

**Industrial Automation Consultants**

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**Chennai -600026, Tamil Nadu State, India**

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# Industrial Automation Consultants

## P Rathinasamy

- **Director of “M/s. Industrial Automation Consultants ”**
- **By Education: BE (EEE) Specialized in Electronics and Automation Controls.**
- **By Profession : Technocrat in Electrical & Automation and Energy saving Projects by using State of Art technology in Power Electronics, from 5.5kW to 3700kW in voltage ranges from 0.415kV to 6.6kV**
- **Having experience of more than 39 years in various industry including Cement, Power, Metals, Mining. Etc.,**
- **Analyze complex scenarios and use creative problem-solving to turn challenges into profitable opportunities.**
- **Involved Projects in major process Industries like Ssangyong Cement In Singapore, Holcim Cement Srilanka, EPCC UAE, RAKCC UAE, Star Cements UAE, - Ultratech Cement , ACC Cement , Emami Cement , JK Lakshmi Cement , Shree Cement etc., in India**
- **Automobile Industries – Hyundai-, Ford Chennai**
- **Process Industries – Saint-Gobain, Chennai**
- **Techno-economic solution provider and we take pride in completing the projects to full customer satisfaction.**



# Industrial Automation Consultants

## About Us :

**Industrial Automation Consultants** is a complete solution provider in the field of Electrical, Instrumentation and Automation Projects.

**Industrial Automation Consultants** strives to offer its customers innovative and simple solutions for their unique needs and prides itself on being extremely optimistic and dedicated in problem solving situations.



# Industrial Automation Consultants

## Company Profile :

### Electrical and Automation Systems :

**Electrical Systems :** Complete solution on Switchyard (up to 132kV Outdoor Switchyard), HT / LT power distribution, Steam Turbo Generators, Power Transformers with OLTC, Distribution Transformers, Converter Duty Transformers, Inverter Duty Transformers, PMCC Panels, Intelligent MCC, APFC, UPS, Battery Charger Panels with Battery Banks, RTU Panels, Power Cables, Lighting, Earthing and Lightning Protection etc...

**Industrial Automation:** Complete solution on DCS, PLC, HMI along with field instruments, Cables - Control, instrument, Communication etc., - Field Instruments Hook Up Diagrams making & Materials - Engineering, Procurement, Installation, Commissioning

**Power system studies :** Load Flow & Short Circuit Analysis, Relay Co-ordination calculations done with ETAP software

**Energy Conservation:** Energy Audit and solutions for optimum plant efficiency

**Supervision of Erection and Commissioning :** E&I works co-ordination at site.

**Process Optimisation:** Study and Suggest Solutions.



# Industrial Automation Consultants

## **Our deliverables include :**

1. Detailed feasibility studies.
2. Design & Engineering , Project Planning
3. Drawing and Documentation
4. Quality check of Manufacturing
5. Preventive / Breakdown maintenance of HT and LT Switchgear panels
6. Integration testing Services (FAT / SAT)
7. Training services
8. Retrofitting and product upgrades
9. Turnkey solutions and EPC Contracts along with other project teams



# **Industrial Automation Consultants**

## **Industries - We serve**

**Cement Plant**

**Power Generation (CPP / WHRS)**

**Steel Plant**

**Open Cast Mining**

**Solar Industrial / Agriculture / Residence**

**Chemical**

**Automobile**



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## Cement Plant with WHRS Power plant





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## Solar Power Plant 100MW





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## Outdoor Switchyard with Transformers – 132kV / 6.6kV





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## Power plant – Steam Turbo Generator -7.2 MW, 6.6KV





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## Electrical Panel

### HT Panel



### LT Panel





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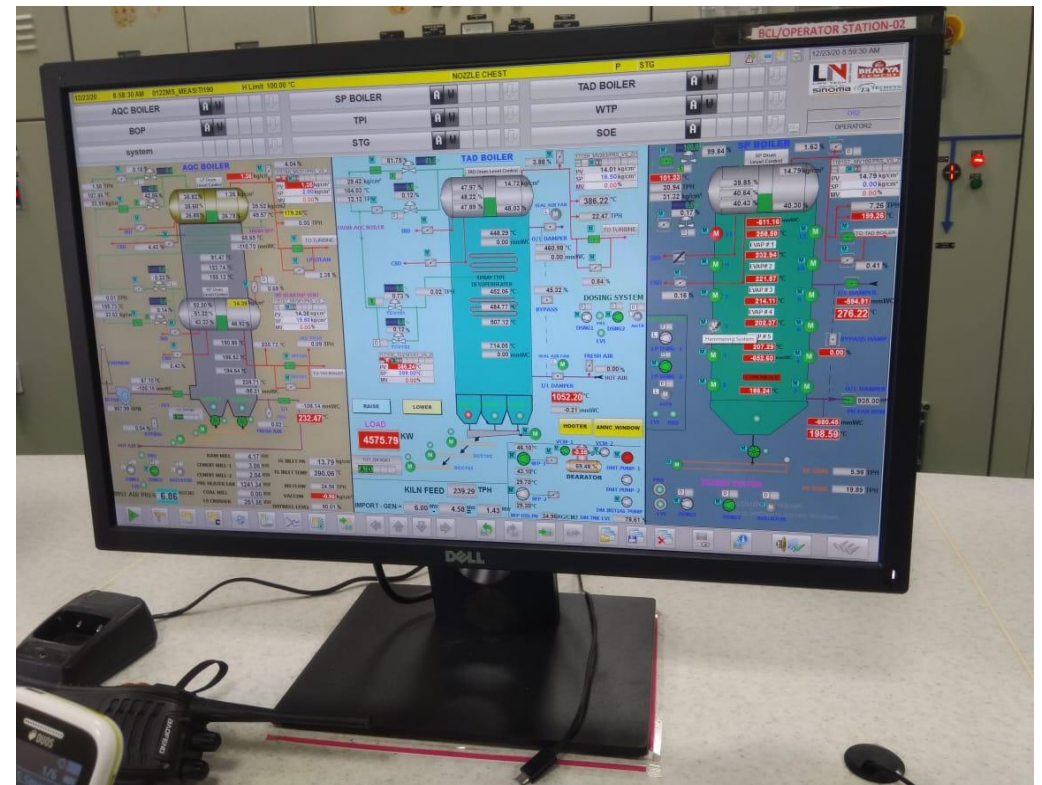
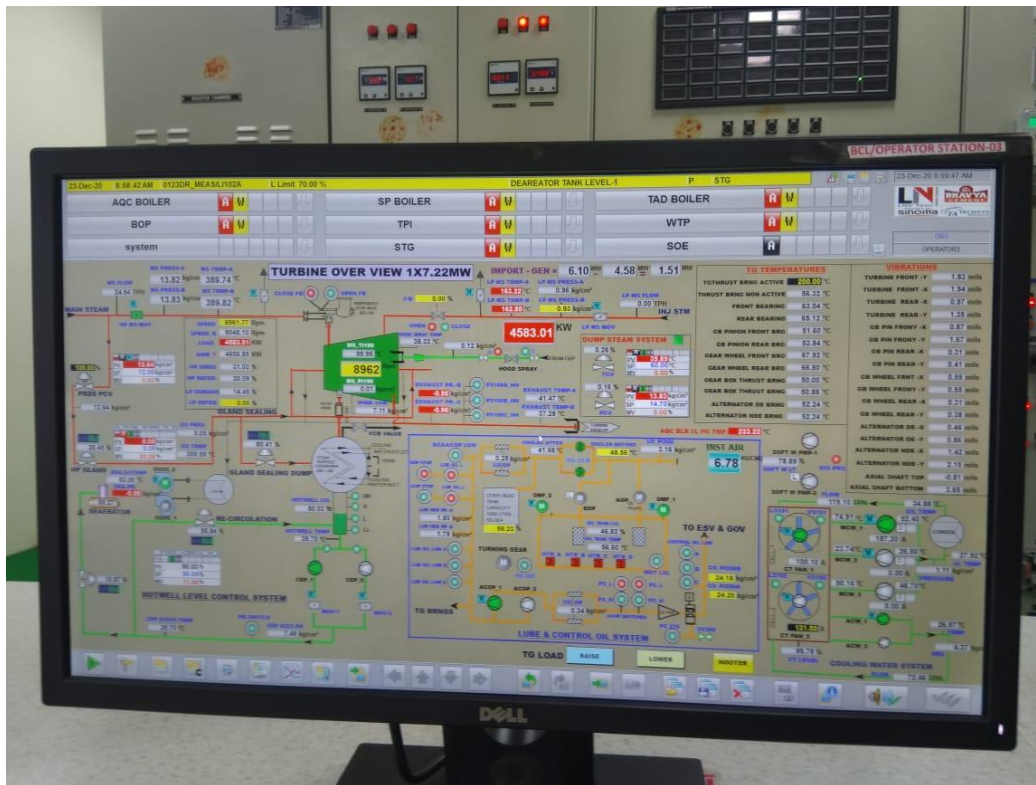
## Central Control Room





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## HMI Screens





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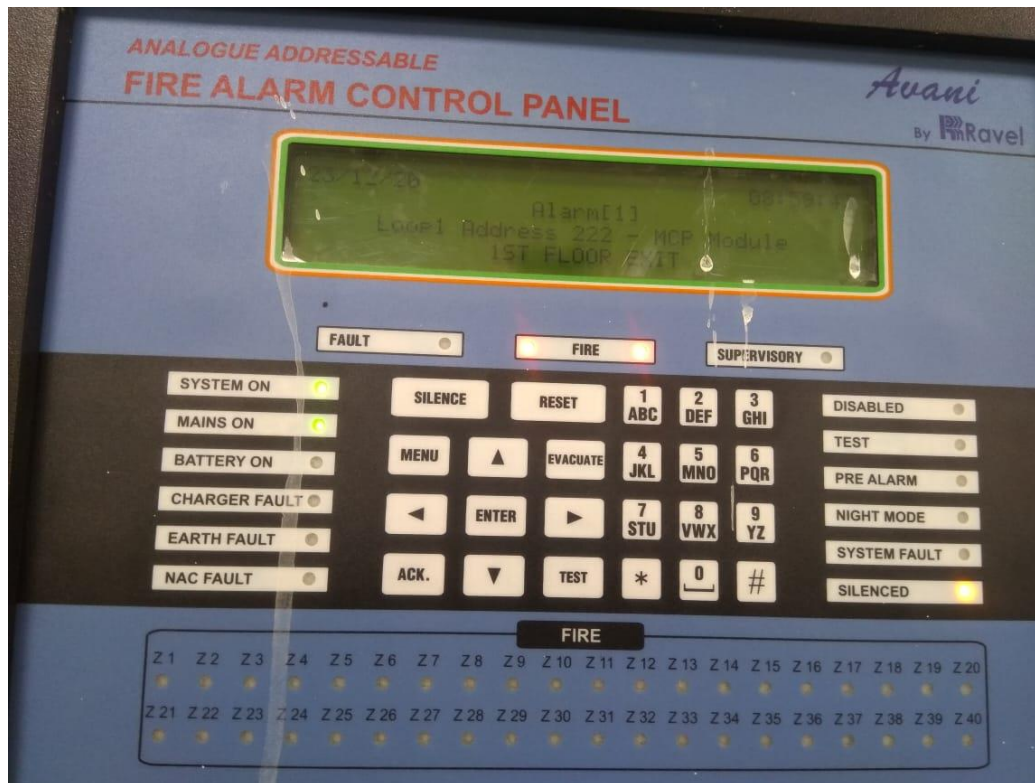
## Automation Panel – DCS IO Panels





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## Fire Alarm System





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## Cable Tray Installations

### Outdoor area



### Indoor area





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We can supply reputed Electrical and Automation Products such as ..





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**THANK YOU**