PARTIAL LIST OF MAJOR PROJECTS EXECUTED BY US

1. Power Generation:

Chhattisgarh Electricity Co. Ltd., Raipur.
2 Nos. DCS for 25 MW Thermal Power Plant.

Chhattisgarh Electricity Co. Ltd., Raipur.

Department Of Atomic Energy, Heavy Water Board.(Managuru, Hyderabad).
DCS for 2 units of 3 X 30MW Captive Power Plant. System has over 7000 I/O's & Triple Redundant control for certain critical loops.

Shyam Century Ferrous Ltd., Kolkata.
DCS for 18MW Captive Power Plants. The plants are based at Mangalpur, Raniganj at West Bengal, Byrnihat at Meghalaya, Sambalpur at Orrisa.

2. Chemical Industries:

Transpek Industries Ltd., Baroda.
DCS for Distillation Columns and Reactors for manufacturing SMC, MCA, CAC and rubber products.

Deepak Nitrite Ltd. (TCD), Taloja.
DCS for 4 Nos. Hydrogenation Reactors, Distillation Columns and Catalyst Recovery system

Schenectady Specialities Asia Ltd., Pali.
Data Acquisition System for 64 Channels.

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Falcon Chemicals LLC, Dubai.
Data Acquisition System for Sulphuric Acid Plant.

DCW Ltd., Dhrangadhra, Gujarat.
DCS for Detergent Powder Plant.

Acmechem Pvt. Ltd., Panoli.
DCS for automation of autoclaves.

Alkyl Amines & Chemicals Ltd., Kurkumbh.
DCS for reactors in MPP-II plant.

Diamines and Chemicals Ltd., Baroda.
DCS for their Chemical Distillation Plant.

Panoli Intermediates (I) Pvt. Ltd., Panoli.
DCS for MCB and Nitration plant. DCS for MCB and Nitration plant expansion.
Oswal Fats and Oils Ltd., Ludhiana.
Control System for Automation of Fatty Acid Distillation & Splitting Towers.

Apcotex Lattices Ltd., Taloja.
DCS for 6 Reactors in Old Latex Plant. DCS for Rubber Plant

Atul Ltd. (Colours Division), Atul, Gujarat.
2 Nos. Control Systems for automation of Stills.

Hindustan Polyamides & Fibres Ltd., Pune.
DCS for automation of Reactors & Distillation Columns in Acetylation Plant.

Navin Flourine Ltd., Indore.
DCS for Fluorination Plant.

Apcotex Lattices Ltd., Taloja.
DCS for Chilling Plant.

Melog Speciality Chemicals P Ltd., Ambernath.
DCS for Chemical Plant.

Deepak Nitrite Ltd., APL Division, Roha.
DCS for Continuous Nitration Plant.

Kutch Chemicals Industries Ltd., Gandhidham.
DCS for MPN & Nitration Plant.

Navin Chemical Enterprises, (A Mafatlal Group Co.) Dewas, (M.P)
DCS for 21 Nos. Distillation Columns and Reactors along with field Instrumentation on Turnkey basis for their Aniline derivatives & Speciality Chemicals Plant.

Panoli Intermediates (I) Pvt. Ltd., Baroda.
DCS for PNCB crystallizer automation.

3. Heat Treatment and Arc Furnaces:

DGP Hinoday Ltd., Pune. (Formerly Morris Electronics Ltd.)
Multi-loop PID control and Thyristor power control for 8-zone sintering furnace.

Pennar Aluminium Ltd., Nagpur.
Thyristor Power Controller for 45 kW Ageing Furnace.

Jalan Ispat and Castings Ltd., Meghnagar, Gujarat
DCS for Raw Material Handling, Furnace Feeding, Weighing & Batching and Furnace Control application
Corporate Ispat & Alloys Ltd., Durgapur, West Bengal.
DCS for Raw material handling, Weighing, Batching and controls for 2 x 7.5 MVA Submerged Arc Furnaces.

BHEL, Hyderabad.
DCS for 13 Nos. Annealing Furnaces.

Impact Abbresist (P) Ltd., Nagpur.
Control System for Oil Fired Furnace.

Raipur Alloys and Steel Ltd., Raipur
DCS for 2 Nos. 9 MVA Submerged Arc Furnaces in FAP
DCS for 2 Nos. 9 MVA Submerged Arc Furnaces in FAP

Tandon Metals (P) Ltd., Pune
DCS for Automation of Lance Furnace.

Indian Aluminium Ltd., Taloja.
High Speed Data Acquisition and Trending System

HEG Ltd., Bhopal
Software for on-line analysis of Graphite Electrode.

BAFA, BAHRAIN, Birla Copper, Dahej, Bharuch.
DCS for 2 Nos. Submerged Arc Furnaces in FAP Control System For Submerged Arc Furnace.

O/E supply through M/s. Ghalsasi Engineering Systems (P) Ltd. Pune for :

Deepak Ferro Alloys Ltd., Raipur.
Submerged Arc Furnace Control Systems

PEFCO, (KORES Foundry) Pune.
Control System for Pressure Chamber

Grey Iron Foundry, (MoD) Jabalpur (M. P.)
Control System for Pressure Chamber

Crescent Ferro Alloys Ltd., Shivni, (M.P.)
Submerged Arc Furnace Control Systems

Khandelwal Ferro Alloys Ltd., Nagpur
Submerged Arc Furnace Control Systems

Bhaskar - Shryachi Ferro Alloys Ltd., (W.B.)
DCS for 7.5 MVA Ferro alloy plant.
Manganese Ore (I) Ltd., (Balaghat site) (Govt. of India U/T)
Raw material handling, weighing & batching with Integrated furnace control of 2 Nos. 7.5 MVA submerged arc furnaces.

Sri Vasavi Industries Ltd., Bishnupur - West Bengal
DCS for raw material handling weighing & batching for 2 Nos. transport systems and 1 No. 16 MVA submerged arc furnace.

Natural Sugars & Alloys (P) Ltd., Latur
Control System for Weighing & Batching in Alloy plant.

Baharin Ferro Alloys Ltd., Baharin
Control System for Weighing & Batching in Alloy plant.

SAL Steel Ltd., Ahmedabad
Control Systems for Instrumentation & Automation for Weighing & Batching in Alloy plant.

Bhutan Carbide & Chemicals Ltd.
DCS for 12 MVA Ferro Alloy Plant

O/E Supply through M/S. Finishing Furnace Systems (I) Pvt. Ltd. Pune for :
General Industrial Controls Pvt. Ltd. Pune. Control System for Box type Furnace.

ISSAL, Jejuri.
2 Nos. Control system for 680 kW bogie hearth furnace.

Seamless Tubes Technologies Ltd., Ahmednagar.
3-zone Belt type Annealing Furnace Control with Time Temperature profile control.

Jindal Saw Pipes Ltd., Sinnar.
Control system for Bright Annealing Furnace.

Rashmi Heaters Pvt. Ltd., Pune
Control system for Annealing Furnace

Esbee Industrial Combines, Pune
Heat Treatment of Electronic components

Dura Magnets (P) Ltd., Satara.
Control system for 45 kW Pusher Furnace

SWIL Ltd., Copper Division, Jhagadia, Bharuch.
Cell Voltage Monitoring System (CVMS) for 312 cells for purification of copper.
DCS for Copper Refinery.
4. **Pharmaceutical Industries**:

**Cipla Ltd., Patalganga.**
DCS for Bulk Drug Reactors in BD 1 plant DCS for Hydrogenation and Bulk Drug Reactors in BD 2.

**Cipla Ltd., Kurkumbh.**
DCS for 6 Nos. Bulk Drugs Reactors in BD 4 plant Networking and SCADA for 24 Nos. Energy Analysers

**Gujarat Themis Biosyn Ltd., Vapi.**
DCS for Fermentors

**Orchid Chemicals & Pharmaceuticals Ltd., Aurangabad.**
DCS for 24 Bulk Drugs Reactors in Old Plant DCS for 15 Bulk Drugs Reactors in New Plant

**U S Vitamins Ltd., Chiplun (M. S.)**
Control System for Reactor Automation

**Ranbaxy Ltd., Dewas.**
Automatic Control System for Sterilizer.

**Sun Pharmaceuticals Ltd. Ahmednagar.**
Control System for R & D Dryer.

**Zydus Byk Healthcare Ltd. Navi Mumbai. (100% EOU)**
DCS for Bulk Drugs Intermediate Plant KSM-6
DCS for Bulk Drugs Intermediate Plant KSM-14

**Glaxo Ltd., Thane.**
DCS for Automation of Finished Product Area - Bldg. 50

**Zydus Altana ( Navi Mumbai.)**
DCS for Recovery of Acetic Acid Plant.

**Alembic Ltd., API Division, Halol.**
DCS for Bulk Drug Plant with two reactors, for hydrogenation batch process.

**Richter Themis Medicare ( I ) Pvt. Ltd. Vapi.100% EOU for Bulk bulk drugs unit.**
Data Acquisition System (DAS) & partial control of 53 reactors.

5. **Sponge Iron Plants**:

**Raipur Alloys & Steel Ltd. Siltara,Raipur.**
DCS For 500 TPD Sponge Iron Plant.

**Nutan Ispat & Power Ltd.Siltara Raipur.**
DCS For 100 TPD Sponge Iron Plant.
Raipur Alloys & Steel Ltd. Siltara, Raipur.

DCS For 100 TPD Sponge Iron Plant.

6. Defence:

R & DE (Engrs.) Dighi, Pune.

2 Nos. Control System for Amphibious Floating Bridge and Ferry System.

R & DE (Engrs.) Dighi, Pune.

Control System for Bridge Laying Tank

O/E supply through M/s. Greaves Ltd., Aurangabad.

Control System for Defence DG sets.


SCADA for Automatic Testing of Generator sets for Naval Armament Depot, VSKP.

Hindustan Aeronautics Ltd., Koraput

Supply of automated Over-speed Test Rig

R & DE (Engrs.) Dighi, Pune.

Developing control system for Amphibious Floating Ferry System. This is the further development on the system supplied by the Microverse.

7. Automotive Industry:

Rakesh Bulb Industries, Pune.

Computerised Life Test Equipment for Automotive Bulbs.

Wheels India Ltd., Ranjangaon.

DCS for Paint shop.

8. Food and Fermentation Industries:

Saraswati Rubber Works, Gurgaon

Mushroom Plant Automation.

Kothari Industries Corporation Ltd., Hyderabad

Instrumentation / Automation Systems, Mimic Panels E & C Services.


Instrumentation / Automation Systems, Mimic
Sica Breweries Ltd., Pondicherry
DCS for Beer manufacturing plant.

Pilkhani Distillery Pilkhani (U.P.)
Control system for Automation of Beer Distillation plant

Premier Breweries (UB Group), Palakkad, Kerala
Instrumentation & Automation systems for Beer manufacturing plant.

Ruchi Soya Industries Ltd., Dewas (M. P.)
DCS for Lecithin Plant.

Kamani Oil Industries, Mumbai.
DCS for 100 TPH Continuous Bleacher & Deodoriser.

General Foods Ltd., Indore
DCS for automation of Crystallizers

Parenteral Drugs (I) Ltd., Indore.
Control System for Super Heated Water Sterilizer.

9. Textiles (Man Made Fibres):

J. K. Synthetics Ltd. (PSG Group) Kota
Temperature Control System for 312 PID loops.

J. K. Synthetics Ltd. (ATC Group) Kota
Temperature Control System for 192 PID loops.

Haryana Petrochemicals Ltd., Rewari
Temperature Control System for 312 PID loops.

Parasrampuria Synthetics Ltd., Bhiwadi
Temperature Control System for 240 PID loops.

Star Precision Electronics (I) Ltd., Baroda.
Temperature Control System for DT Machine.

NRC Ltd., Mohone, Kalyan
DCS for 14 Extruders in Nylon Plant & Poly Plant

SRF Ltd., Chennai.
DCS for DT machine - 128 PID loops.
10. Cement Industries:

O/E supply through M/S. Relotronix

CenturyCement, Baikunth, Chattisgarh
DCS for Crusher Automation.

11. Oil and Petroleum:

O/E supply through M/s. United Instrument Services, Baroda

12. Irrigation and Water Management:

O/E supply through M/s. Meltron - SDD Group, Pune.
Radio- telemetry and SCADA System for a multi-stage pumping system capable of delivering 3000 LPS for Shri Ramkrisha Godavari Lift Irrigation Scheme, Vaijapur, Dist. Aurangabad

O/E supply through M/s. IVRCL. Infrastructures & Projects Ltd. Pune.
SCADA system for MKVDC - Purandar Lift Irrigation Scheme

O/E supply through M/s. Kirloskar Brothers Ltd., Pune.
SCADA system for Narmada Canal Water Distribution Scheme (NC-12) under Gujarat Water Supply and Sewerage Board (GWSSB), Gandhinagar.

13. Mechanical / Hydraulic:

Graphite (I) Ltd., Nashik.
Temperature Control system for Extrusion Press,
Control system for Automatic Weighing & Batching of CPC coke and scrap.

O/E supply through M/s. United Instrument Services, Baroda
Control System for Automatic Test Jig for Seal less Pumps for M/s. KWENG Alloys (P) Ltd., Bilimora.

14. Educational Institutes:

Pravara Rural Engineering College, Pravaranagar.
Process Trainer Package for Instrumentation Department

Vishwakarma Institute of Technology, Pune.
DCS Trainer System for Instrumentation Department
Cummins Engineering College for Women, Pune.

DCS Trainer System for Instrumentation Department

O/E supply through M/s. Applied Digital Microsystems Pvt. Ltd., Mumbai

Process Control Trainer System for Instrumentation Department of G. S. Institute of Technology, Indore.

15. Sugar Industries:

Ravalgaon Sugar Farms Ltd., Ravalgaon.

Control System for Imbibitions Water Control.

Terna SSSK Ltd., Dhoki, Latur.

Control System for Automation of Distillery.