

COMPANY INTRODUCTION

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INTRODUCTION

The Company, M/s. P.G. AUTOMATION, was setup way back in 2007 with a goal to provide Hi-Performance, Hi-Tech, Sophisticated, and Complete Automation & Drives Solutions, IOT (including Control Panels and Complete Systems) to diversified sectors of Industry.

Founder of PG Automation, Mr. Prashant Gheewala having 16 years of Experience in Industrial Automation and Programming since 2006 pursue BE In Electrical Field and he done his master in Master in Business Administration and completed Information Technology Certificate Course National Education Program of Information Technology and Development.

SOLUTIONS

PROCESS AUTOMATION

MACHINE AUTOMATION

AC DRIVE PANEL

PLC PANEL

SCADA - HMI APPLICATION

PCC-MCC PANEL

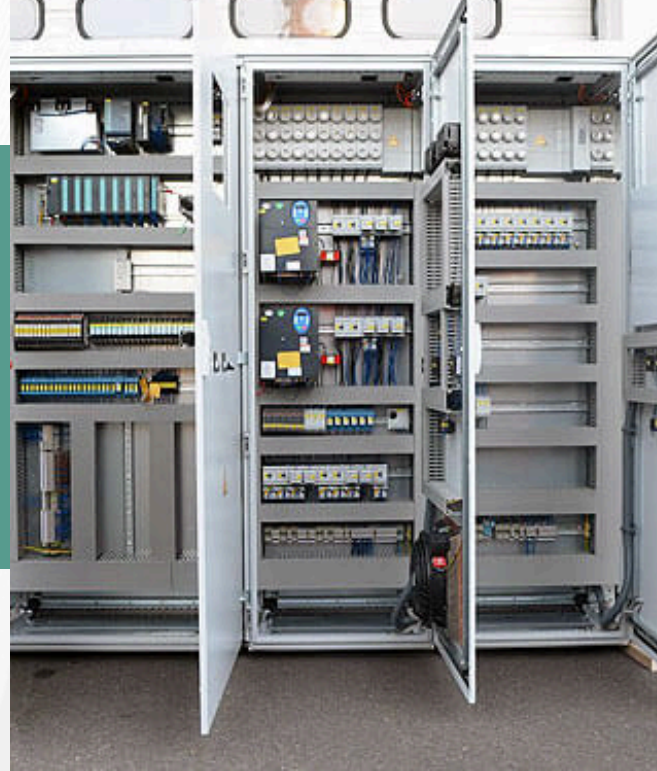
AUTOMATION TRAINING KIT MFG.

AUTOMATION TRAINING SERVICES

ENGINEERING MAINTENANCE SERVICES

ENGINEERING SERVICES

TURNKEY AUTOMATION SOLUTION



P.G.AUTOMATION

GST: 24ANGPG7605N1ZU

CONNECT WITH US

DIRECT CALL: +91 94294 66685

info.pgautomation@gmail.com



PRASHANT GHEEWALA

DEE, BE ELECT., MBA

FOUNDER CUM INDUSTRIAL
AUTOMATION SPECIALIST
MORE THAN 16 YEARS

Major Projects Completed

	<p>Packaging Machine Automation for Parle Biscuit, Vile Parle, Mumbai, Maharashtra. End User: Parle Products Pvt. Ltd. System: Schneider PLC: Micro, Premium and Nano, AC Drive: Atv-31 & Atv-71), Premium PLCs with Cay module for controlling of Servo Drive. Work Done: Designing, Software Development, FAT & SAT of High Range PLC based System, Panel Design and Mfg. HMI: XBT-P, XBT-PM, XBT-F and XBT-G. Software: PL7 PRO V4.4, XBT L1000 V4.48, and Vejio Designer.</p>
	<p>Material Handling for Steel Plant Essar, Hazira. End User: Essar Steel Dept., Hazira. System: S7-400 H Redundant with Distributed I/O & WinCC Scada Work Done: Control Panel Designing, Software Development, FAT & SAT of High Range PLC based System for Material Handling Area,</p>
	<p>(Overseas) Supply & Commission Of Wellhead Control System For Sahil Gas Injectors and Asab Gas Lift, Abu Dhabi. End User: Abu Dhabi Company for Onshore Oil Operation (ADCO), Abu Dhabi. System: CPU 414-4 H, S7 400 FH with distributed fail safe I/O's, S7 300 with CP343-1 and TIM 3V-IE (for GSM communication), TX/RX MODEM and Antenna, TIM 4VD (for GSM communication) and WINCC 6.0 (SCADA). Work Done: Project Development & Commissioning.</p>
	<p>M/C 2940-HPA Shell Core Shooter Machine End User: Susha Founders & Engineers, Surat. System: S7-200 (CPU-226) and OP-170B Mono (HMI) Wincc flexible 2005. Work Done: Project Development & Commissioning.</p>
	<p>India Rubber Crumb Baler End User: Apar Industries, Ankleshwar. System: S7-300 (CPU-313C) and OP-77B Mono (HMI) Wincc flexible 2005. Work Done: Project Development & Commissioning.</p>
	<p>Yashashvi Rashayan End User: Yashshvi Rashayan Pvt. Ltd., Ankleshwar System: S7-300 (CPU-313C) and WINCC. Work Done: Project Development & Commissioning.</p>
	<p>Car park Ventilation System, Transpower End User: Transpower Technology Pvt. Ltd. System: S7-200 (CPU-224) and OP-77B (Wincc Flexible 2007). Work Done: Project Development & Commissioning.</p>
	<p>CCRHVAC System End User: National Thermal Power Corporation, Hazira, Surat. System: S7-200 (CPU-226) and TP (Wincc Flexible 2007) and runtime data log and alarm log on PC Work Done: Project Development & Commissioning.</p>

	<p>Cast Copper Rod-2, Coiler and Miller Project End User: Hindalco Ltd, Dahej. System: S7 400, Wincc 7.0, Simoreg Drive and Hmi connected of profibus Work Done: Project Development & Commissioning.</p>
	<p>R (Software Redundancy to H Hardware Redundancy) End User: Essar Steel Dept., Hazira. System: CPU 414-4 H, S7400H Sync Module with S7400H Fibre Optic Cable. Work Done: Project Development & Commissioning.</p>
	<p>Coil Car System for End User: Essar Steel Dept., Hazira. System: S7- 400 with Distributed I/O through Profibus network. Work Done: System Designing, Software Development & Commissioning</p>
	<p>Biscuit Packaging Machines End User: Parle Biscuit, Rudrapur, Uttarakhand. System: Premium PLCs with Cay module for controlling of Servo Drive, HMI: XBT-P, XBT-PM, XBT-F and XBT-G. Software: PL7 PRO V4.4, XBT L1000 V4.48, and Vejo Designer. Work Done: Designing, Software Development, Upgradation.</p>
	<p>Boiler Automation End User: Jindal Saw Ltd, Punjab. System: Schneider Twido PLC With Mangalis HMI Configuration, Communication and Commissioning of System.</p>
	<p>Paper Coating process plant End User: Tulsi Paper Ltd., Kareli Dastan, Surat System: Delta DVP PLC and Delta HMI Work Done: Project Development & Commissioning.</p>
	<p>CVD Lab grown Diamond machine Automation End User: Devngi Innovations LLP, Surat. System: S7 1200 PLC System with Wincc RT HMI Work Done: Control Panel Designing and Mfg, Project Development & Commissioning, Turnkey Solution with Process Instruments.</p>
	<p>Stirrer Application System: 50 HP, Danfoss Drive End User: White Crystals Pvt. Ltd. Vyara. Work Done: Supply, Programming and Commissioning.</p>

	<p>CVD Lab grown Diamond machine Automation End User: Pragati Enterprise, Surat. System: Delta PLC ES Series, DIAView SCADA. Work Done: Control Panel Designing and Mfg, Project Development & Commissioning, Turnkey Solution with Process Instruments.</p>
	<p>Industrial Internet of Things (IIOT) End User: J K Paper Ltd, Songadh. System: Delta DVP PLC System, S7 1200 PLC System, Schneider PLC System Communicate with KAPP Server and Data transmit Centrally. Work Done: Architecture, Designing, Configurations, Execution.</p>
	<p>Boiler ID Fan Controlling with PID Application End User: Jin Mata Food Ltd., Dhulia, Maharashtra. System: DVP Delta PLC, with Delta HMI, work on WPL Software, Filed Instruments, Siemens AC Drive Work Done: Panel Design, Manufacturing, Development, Commissioning of System.</p>
	<p>Reheating Furnace 250 Ton and 300 Ton Capacity SCADA Development End User: L&T Special Steels & Heavy Forgings Pvt. Ltd. Migration from Wonderware Intouch to Siemens Wincc Scada 7.5 SP2 Work Done: Development, Commissioning and Testing</p>
	<p>Rewinder Automation for Paper Slitter End User: JK Paper Ltd Siemens S7 1500 profinet with MTP 700 HMI Work Done: Development, Commissioning and Testing</p>
	<p>Oxygen Plant Automation at Paper Plant End User: Naini Paper Ltd. Upgradation with Siemens S7 200 SMART Work Done: Development and Commissioning and Testing</p>
	<p>In Pipeline project for Calender operation for paper collection and winding machine, and Shriking machine at JK Paper Ltd. Songadh Surat.</p>



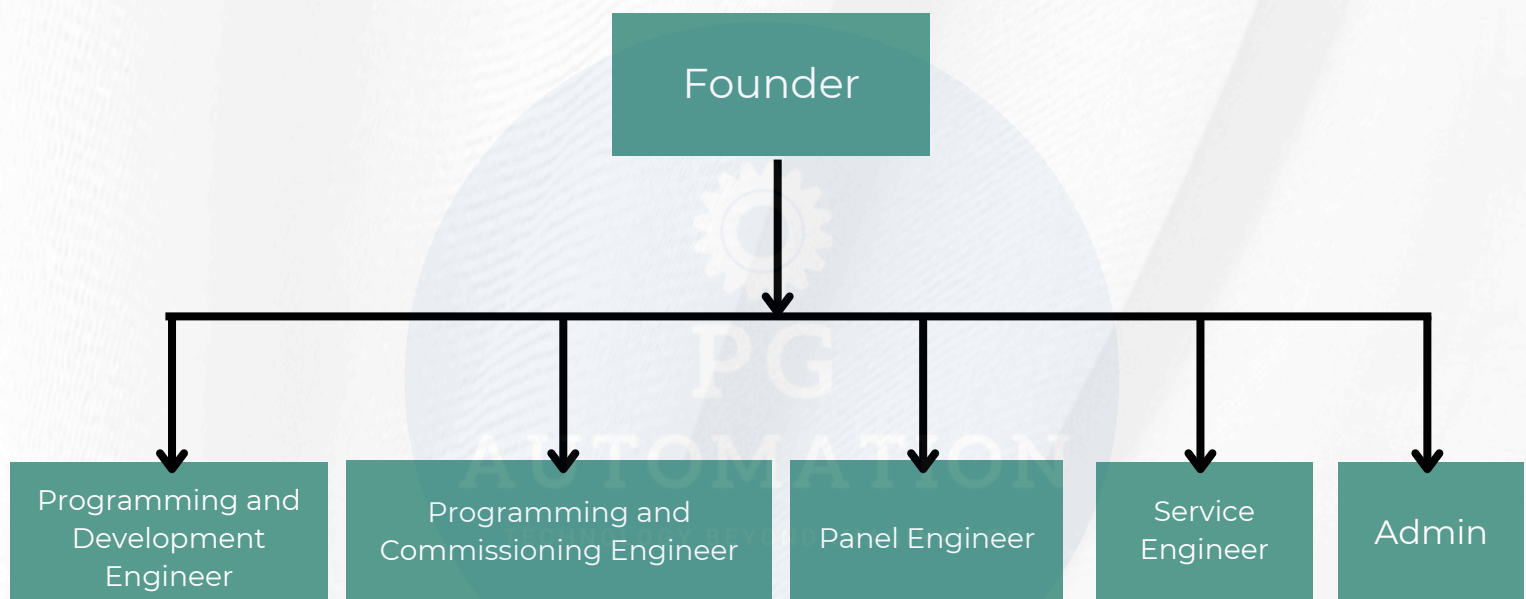
CORE TEAM

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CORE TEAM AND INFRASTRUCTURE

The Company, M/s. P.G. AUTOMATION, has a capable team to manage projects and well capable and well trained staff. We are conducting regular trainings in our organization to cop up with the latest technology and Product Development. We have enough reserach capapilities



Skill / Semi skill Workmen will be appointed as per the project requirements with prior consultation with client and meet up the demand

We have a full-fledged design and development infrastructure for Automation, Drives, and Control Systems. We also have a team of qualified, well-experienced and well-trained dedicated engineers to carry out diversified jobs.

We have successfully undertaken and completed numerous executions in various sectors of Industry. We have also provided technical assistance and allied services to several foreign Companies.



P.G.AUTOMATION

WORKING AREA

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Export Quality Systems & Services Provided

- Machine Control Systems
- Process Control Systems
- Customize Training Kit
- MCCs (Motor Control Centres), PCCs (Power Control Centres) & Distribution Panels
- Complete Control Panels with above Products, including Detailed Planning, Engineering & commissioning
- Indigenisation / Retrofitting of Automation & Control Systems
- Erection, Commissioning, Troubleshooting, and Maintenance of Automation & Control Systems

Industry Sectors can Served

- Paper Processing & Conversion Machinery (Fully Automatic Exercise Book Machine, Cut Size Sheeter, Folio Size Sheeter)
- Construction Machinery (Batch mix Plant, Wet mix Plant, Drum mix Plant, Sensor Paver Finisher)
- Rubber Machinery (Roto moulding Machine, Extruder, Pulveriser, Rock-and-Roll Machine)
- Plastic Machinery (Extruder, Extrusion Line, Blown Film Plant, Extrusion Lamination Machine)
- Material Handling Equipment's (Stacker-Reclaimer, Conveying Systems, Weighing & Bagging System)
- Kiln & Furnace (Vertical Lime Kiln for Soda Ash, Cement Kiln, Weighing & Batching Systems,
- Induction Furnace)



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WORKING AREA

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- Printing & Packaging Machinery (Rotogravure, Offset, & Flexographic Printing Machines, Coating & Lamination Machine, Extrusion-Lamination Machine, Slitter-Rewinder Machine, Splicing Systems, Biscuit Packing Machine)
- Ceramic Mfg. Machinery (Presses & Fettling Machines, Horizontal & Vertical Dryers, Kilns, Loading / Unloading Machines, Storage & Transfer Systems, Screen Printing Machines, Automatic Sorting Lines)
- Chemical, Pharmaceutical, Textile Machinery
- Food & Beverage Industry
- Rolling Mills, Cable Industry
- General Machinery (Moulding, Die-casting, Extrusion, Presses, Bearing, Boring, Grinding, etc.)
- Special Purpose Machines



P.G.AUTOMATION

CONTACT US



220, Soham Arcade, Nr. Baghban Circle,
Green city Road, Pal-394510, Surat.

GST: 24ANGPG7605N1ZU

PRASHANT GHEEWALA

M. +91 94294 66685

Email: info.pgautomation@gmail.com

MOHAN PATEL

M. +91 84693 51570

Email: mnp.fetr@gmail.com