

A technician wearing a white hard hat with a headlamp, safety glasses, and work gloves is focused on a tablet device. He is standing in front of an open electrical switchgear cabinet. The scene is dimly lit with a blue hue, and several red indicator lights are visible on the equipment. The technician is holding the tablet with both hands, looking at the screen intently.

“Mectech is a leading  
electrical switch-gear  
panel manufacturer in  
India”



 **MecSMART**  
ELECTRICAL INSTRUMENTATION  
ENERGY MANAGEMENT



## ABOUT US

MecSMART a brand, under Mectech group specializes in technology based electrical, automation systems and products for industrial sectors ranging from all type of industries such as Chemical process industries, Food, Pharma, Breweries and hotel etc. The brand is dedicated to providing a wide range of electrical and automation solutions to vital sectors of the economy, including industries, utilities, infrastructure, buildings, and agriculture. Our extensive portfolio includes low-voltage switchgear, automation solutions, tailored software, and services.

With manufacturing operations in Bhatgaon Sonipat, we adhere to global standards of excellence. Our operations are supported by well-equipped, in-house design and development teams, as well as tooling facilities, ensuring precision in manufacturing. We are committed to driving excellence and delivering superior products and solutions that power Indian industries' growth journey.

Manufacturing Range:


- PCC (Power Control Centres)
- MCC (Motor Control Centres)
- IMCC (Intelligent Motor Control Centres))
- MIMIC Panels
- PLC Panels
- VFD Panels
- APFC Panels



**We provide** precision engineered MCC, MIMIC, PLC, and PCC panels designed for reliable industrial process control and efficient power distribution.



**MecSMART**  
ENERGY MANAGEMENT



PCC (Power Control Centres) Panels are used to supervise and control the voltage and power of the power distribution system. These panels are made of high-quality raw material and are extremely robust in fabrication. Main power instrument panel which consists of feeder breakers, monitoring and control devices. Our PCC Panel read all field data required for distributed power.

PCC Panel are made from 14/16 SWG CRCA material semi folded and welded structure, free floor mounted. Best quality switch and bus-bar are used for reliable and efficient performance. We ensure desired breaking capacities, temperature rise and IP protection. We keep enough space for cable termination. Our Panel are designed as per latest IEC standard. PCC Panels are designed in compartmental type draw-out and fixed type design.

MCC (Motor Control Centres) Panels are designed to handle any switching, isolating, distribution or control functions. Normally it is used for controlling and monitoring of induction motors. MCC panels are also manufactured as per latest IEC code. Our MCC Panels are designed in compartmental draw-out and non-draw out and also in wardrobe type design.

## PLC Panel:

We manufacture best quality PLC based Control Panels as per customer specification and process requirement, and offer wide range of customization to suite process-specific needs. PLC Control Panels are integrated part of Automation Systems that take control of total process or production components. PLC Panels are designs and manufactured as part of System Integration & Turnkey Automation Project.

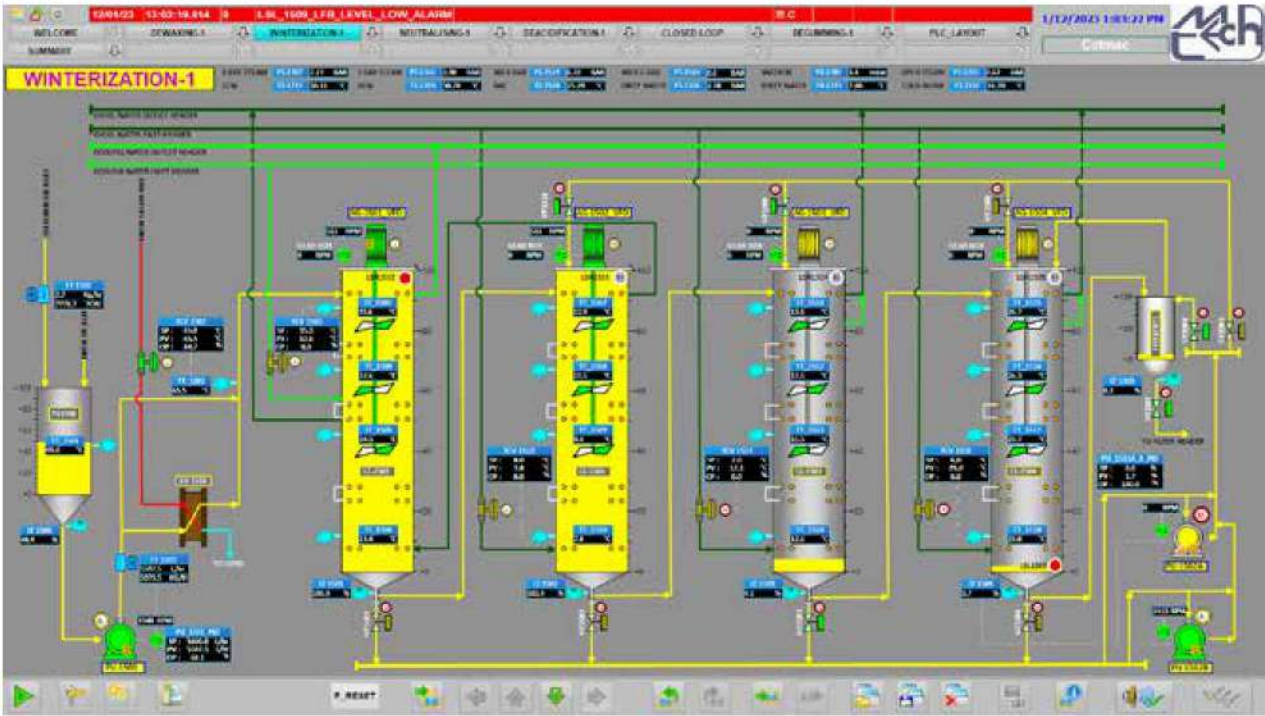
### Features:

- Customer choice of Voltage Switch gear.
- Top and Bottom Cable entry.
- We integrate PLC with the process and electrical system.
- Free standing, Floor mounting and Extendable on both sides.
- Testing of panels with High Voltage up to 2KVA.
- Panels suitable for outdoor Installation also.

## PLC Panel

### Specification :

Rated Voltage	: up-to 3 $\phi$ , 380-440 V, 50 Hz
Rated Current	: up-to 4000 Amp
IP Rating	: IP - 5X
MOC	: CRCA sheet powder coated
Application	: Best for Power Distribution



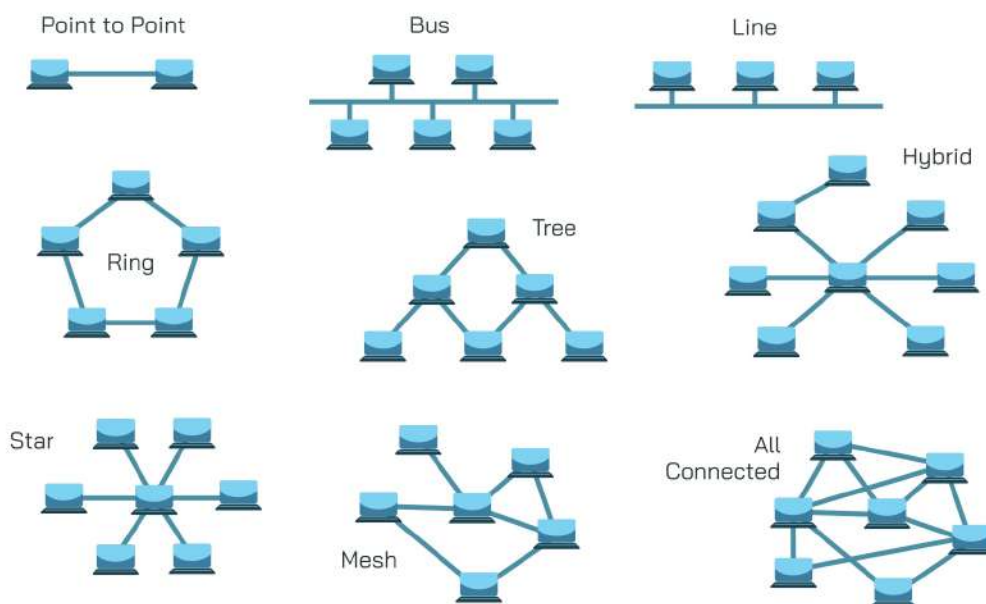
### Process Automation solution:

We are more than a solutions provider. We have a specialized integration team helping process manufacturers to improve operational performance through smart automation, digitalization, and optimization and control.

We work with factory owners, plant managers, and industrial leaders to increase productivity, reduce costs, and enhance sustainability—without the complexity of building solutions from scratch.

Our system-independent approach ensures to get the best technology and strategies tailored to as per process needs. Whether optimizing shop floor processes, implementing process automation, or providing expert consultancy, we help production plants transform how they operate.

### Control Station Networking





We have expert team in Process Measurement and Control. A development team with hands on expertise in deploying process control systems with a perfect understanding of the end-user's need is our strength. The team of engineers with core competencies in process of the domain on one hand and instrumentation, control and on-line computer techniques on the other along with a team of specialized knowledge personal in diverse areas like edible oil , Chemicals, Power & Utilities and other sectors.





## **MECTECH PROCESS ENGINEERS PVT. LTD.**

**(ISO 9001 : 2008, OHSAS 18001 : 2007 CERTIFIED)**

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**Our Inspiration  
Late Shri Raghunath Sahai**