



# CASCON ECOSTRUCTURE

ECO - ENGINEERED FOR THE FUTURE



**Design | Fabricate | Deliver | Erect – All Under One Roof**

# About Us.

At CASCON Ecostructure LLP, we're transforming construction in the modern era with intelligent, environmentally friendly, and precision-engineered building solutions. Evolving from CASCON Engineers Private Limited, where CASCON Ecostructure began as a dedicated division, now as a separate legal entity our legacy in design, production, and installation of Pre-Engineered Buildings (PEBs) for reputed clients continues with greater focus and innovation. We specialize in Pre-Engineered Buildings (PEBs) that combine innovation and efficiency to deliver structures through an integrated design-to-implementation process ensuring superior execution, faster timelines, and lasting value. At CASCON Ecostructure LLP, we don't merely construct buildings, we craft future-proof ecosystems that contribute to a better-built INDIA.

## Our Production Capabilities

Plant Area: 20,000 sft.

Annual Capacity of Built-up Production: 30,000 MT

Cold Rolled: 6,000 MT

## Available Machines and equipment

- CNC Plasma/Oxy-Fuel Cutting Machine
- MIG-600Amps
- Welding Machine-1200 Amps
- Submerged Arc Welding
- Shearing Machine
- Brouche Cutter
- Standing Radial Drilling
- Saw Welding Machine
- Power Press 75 Ton
- Power Press 100 Ton
- Threading Machine
- Shot Blasting Machine
- Compressor
- Airless Spray System

## Sectors We Cater

- Industrial & manufacturing
- Warehousing & Logistics
- Aviation & Transportation
- Sports & Recreation
- Institutional
- Commercial
- Agriculture

BUILT BEFORE IT'S BUILT

# Our Core Team

The heartbeat of CASCON Ecostructure LLP is a purpose-driven team committed to revolutionize the way we construct. Comprising a unique blend of architectural excellence, strategic thinking, and business creativity, collectively they forge the future of smart, green, and modern steel infrastructure.

**Nirbhay Shukla**



He directs project management with unshakeable dedication to excellence. His expertise in execution of a wide range of complex projects, large steel-based structures, and detail-focused delivery guarantees smooth coordination, technical precision, and timely performance, making blueprints a lasting reality.

He is the driving force behind CASCON's vision and design. With a keen sense of detail and a love for purposeful design, he brings ideas to life in the form of engineering wonders that reconcile creativity, functionality, and performance. His inspiration makes every project reach beyond structure, into timeless design.

**Shashank Misra**



**Nitin Misra**



He provides strategic depth and operational acumen, and turns opportunity into impact. With a robust background in infrastructure and industrial development, blending vision with pragmatic execution his operational leadership ensures manufacturing excellence, process efficiency, and seamless project execution across every stage of delivery.

He spearheads growth, innovation, and market engagement. With a blend of technological expertise and marketing knowledge, he is an instrumental force in making business objectives converge with customers' hopes and converts CASCON's strengths into compelling stories that evoke trust, alliances, and advancement.

**Namit Raj Bhayana**



**Together they constitute the spine of CASCON Ecostructure LLP with a shared vision that constructs not only buildings, but a more robust, wiser and greener tomorrow.**

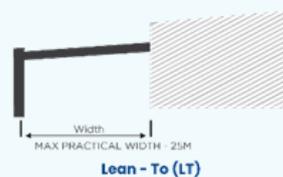
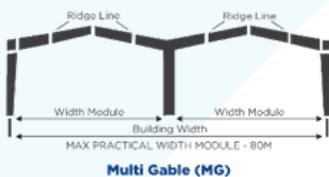
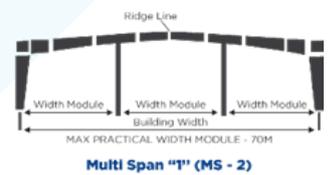
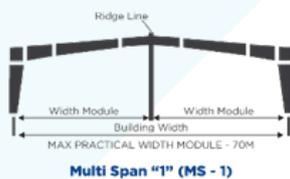
# Pre-Engineered Buildings

For years, steel buildings were seen as industrial sheds that is plain, functional, and limited. But the truth? Today's Pre-Engineered Buildings are redefining architecture, efficiency, and aesthetics, all at once.

Myth	Reality
PEBs are only for warehouses	PEBs now shape factories, offices, schools, showrooms, and even luxury structures.
Steel buildings don't last long	With advanced coatings and corrosion protection, PEBs last 50+ years with minimal maintenance.
They all look the same	Every PEB is custom-designed, from facade finishes to roof shapes and spans.
They're too light to handle heavy loads	PEBs are engineered to exact load diagrams, optimizing every kg of steel for strength and safety.
Traditional RCC is more cost-effective	RCC takes months, PEBs take weeks, saving time, cost, and interest on delayed operations.

The difference between old perception and new reality is just one project away. Let's show you what modern engineering can really do.

## Types of PEB



# TYPICAL PEB STRUCTURE & ITS ADVANTAGES

## Advantages of PEB

Speedy and time saving constructions

Smooth and hassle free execution at site

Earthquake resistant design

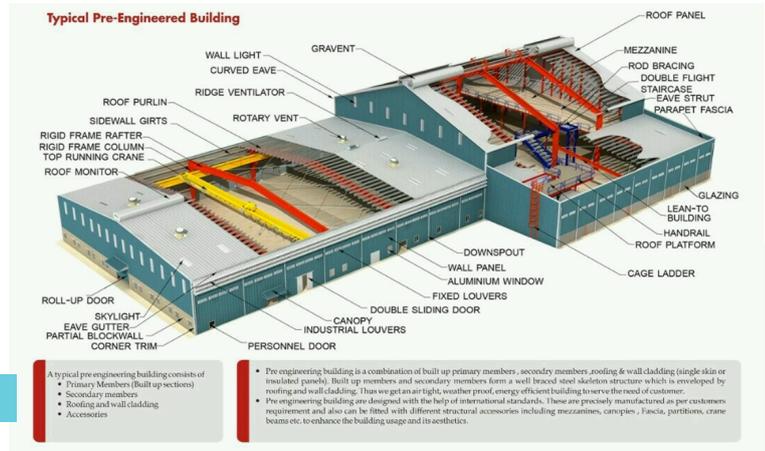
Energy Efficient

Perfect for adaptation to rooftop solar plants

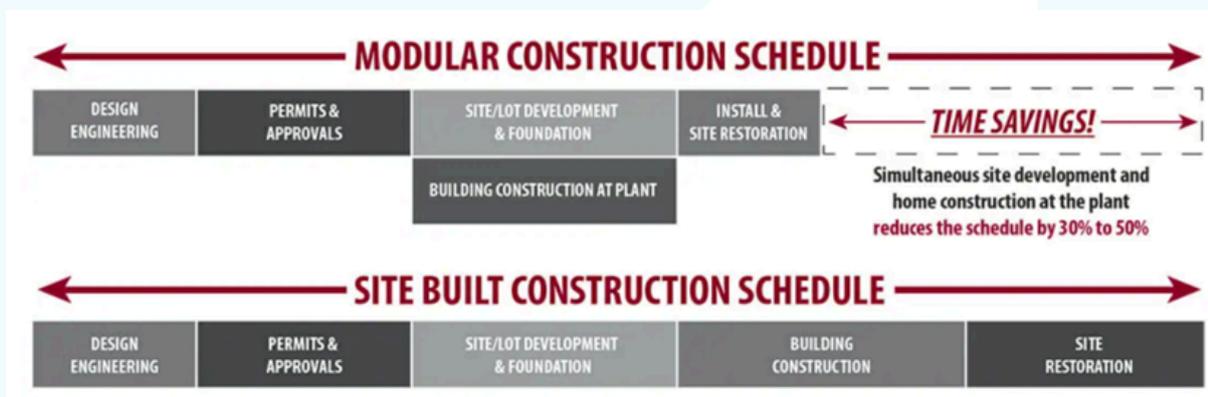
Cost Efficient

Ease of expansion & modification

Low maintenance



Conventional steel structures use steel generously, PEBs use steel intelligently. Saves up to 30% of steel as members are not uniform and thickness is engineered as per the load.



Unlike conventional methods, PEBs allow design, fabrication, and site work to progress in parallel and delivers projects faster than ever.

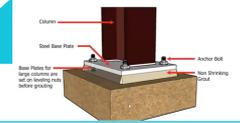
# Major Components



**Footing**



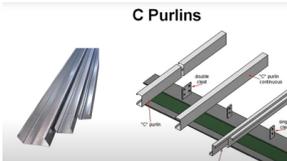
**Anchor Bolts**



**Column Base with Leveling Nuts**



**Horizontal member used to transfer loads to columns**



**Used for openings**



**Transfers sheeting weight to rafters**



**To stabilize Purlins, resists lateral loads, used in a staggered manner and not linear**



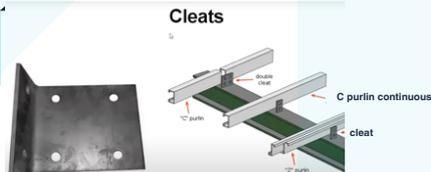
**Holds column in position**



**Wall Sheetings**



**drains out excess water from sheeting, preventing rusting**



**To connect members**



**Sliding Door**



**Roll Up Shutter**



**Insulation Window**



**Roof Skylight**



**Louvers**



**Ridge Ventilator**



**Turbo Ventilator**

# OUR PROJECTS



**Automatic Testing Station  
at Baramati, Maharashtra for Rosmerta**



**Inspection & Certification Centre at  
Bilaspur, Gurgaon for PASCO**



**Inspection & Certification Centre at  
Chhindwara for SIAM (MoRTH)**



**Factory for BONJOUR GROUP in  
Greater Noida**



**Automatic Testing Station  
at Nagpur, Maharashtra for Rosmerta**



**Inspection & Certification Centre at Jhuljhuli,  
Najafgarh, New Delhi for ICAT (MoRTH)**

- Automatic Testing Station at Ambejogoi, Beed, Maharashtra for Rosmerta
- Inspection & Certification Centre at Rohtak, Haryana for ICAT (MoRTH)
- Factory for Arikav Fab Pvt.Ltd. at Greater Noida
- Factory Shed for Supreme Industries SARL, Gabon (Africa)
- Multi-level Car Parking at Guwahati Zoo for Assam PWD
- Automatic Testing Station at Vashi, Navi Mumbai, Maharashtra for Rosmerta
- Factory Shed for Avinya Fab Tech at Mughal Sarai, Uttar Pradesh
- Extension of Conference facility at Corporate Head Quarter of Power Grid Corporation Ltd, Gurgaon

PEB INDUSTRIAL SHEDS & WAREHOUSES  
LARGE SPAN STEEL & COMPOSITE STRUCTURES  
COMPLETE PRE ENGINEERED BUILDING SOLUTIONS

# FUTURE OF BUILDINGS

FASTER, STRONGER & PLANET FRIENDLY

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