



C O R P O R A T E
B R O C H U R E
COMPOSITE STRUCTURES INDIA LLP





ABOUT US

Composite Structures India LLP was founded by Dr. Abey E. Thomas and Mr. Aravind Mohan E. T with a vision of providing best structural solution to the customers through its multi-disciplinary human resources and by the implementation of latest technologies in construction. We provide top class service to our customers in the areas of Steel, RCC, Prestressed, Masonry and Composite structures. The company maintains a strong reputation for delivering well designed and cost-effective solutions in all our projects. We ensure our esteemed customers a high quality and safe design coupled with timely delivery in our endeavours. We are specialised in developing innovative and sound structural systems which complement the architectural aesthetics required. We undertake projects from its conceptual design through detailed architectural, structural and MEP design and right up to the project implementation.

MISSION

To have a well satisfied client base, a strong and proactive workforce and to strengthen our position as a market leader in the infrastructure development.

VISION

To make CSI LLP a recognized global leader by providing high quality, economical, sustainable and timely completed projects by imbibing new technologies in construction.

OUR VALUES ARE

S

SUSTAINABLE

We strive to design and execute our projects in compliance with the sustainable construction principles. We also recommend to use materials that aid in energy conservation and hence to improve occupant health and productivity.

P

PROFESSIONALISM

We as professionals, are committed to provide our clients cost-effective solutions and value-added services while charging a fair profit in our projects.

E

EMPLOYEES

Strong employee force is the foundation of our company. We create employee friendly working atmosphere which give them a high level of job satisfaction.

C

CUSTOMER

The end result of our efforts must be a satisfied customer. Our reputation is the key to longevity in the construction industry and will remain the key to our future success.

I

INTEGRITY

Integrity is the fundamental value on which we build relationship with our customers.

A

ATTITUDE

A can-do attitude and willingness to go the extra mile for our customers is always maintained for our company's success. Our associates are also a part of the decision-making process.


L

LEARNING







Continuous learning process is a quality we maintain in our organization. We implement this by using most modern techniques and materials/products in our projects.

OUR BUSINESS

STEEL STRUCTURES

-  Space Frames
-  Pre-Engineered Buildings(PEB)
-  Multi Storied Steel Buildings
-  Conventional Truss Works
-  Mezzanine Floor
-  Facade Structures
-  Staircase and Handrails

RCC STRUCTURES

-  Framed RCC Structures
-  Flat Slab Construction
-  Retaining walls
-  Liquid Storage Tanks
-  VDF and TremixFlooring
-  Piling along with other types of Foundations

MASONRY STRUCTURES

Construction of Masonry buildings using

-  Stone
-  Bricks
-  Concrete blocks

PRESTRESSED STRUCTURES

-  Post-Tensioned (PT) Slabs

COMPOSITE STRUCTURES

WHY TO CHOOSE COMPOSITE STRUCTURES INDIA LLP ?

We assure our clients the following :







-  Quality in construction
-  Optimal and modern designs
-  Architectural flexibility
-  Timely delivery
-  Earthquake resistant construction
-  Design, engineering and execution all from a single source

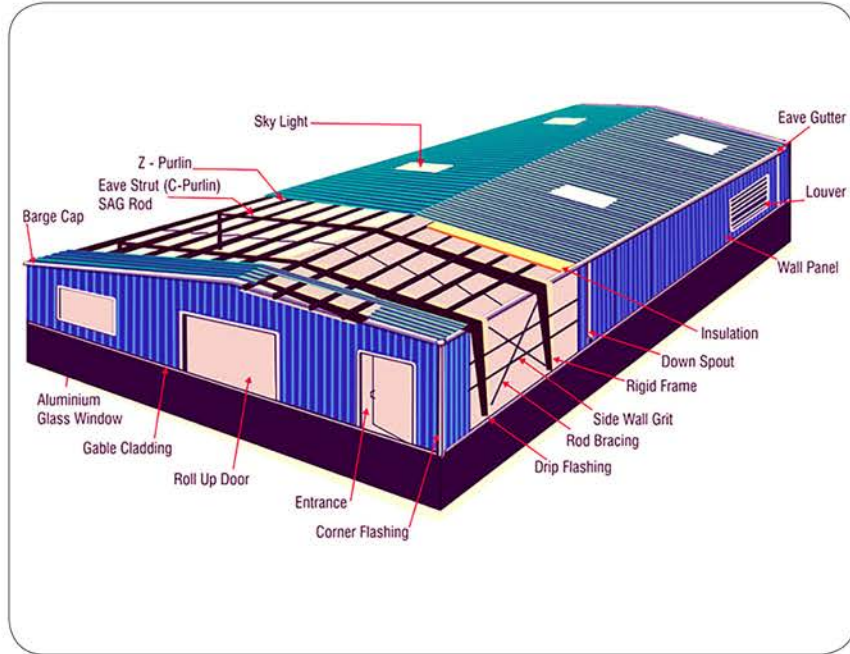


PRE-ENGINEERED BUILDINGS

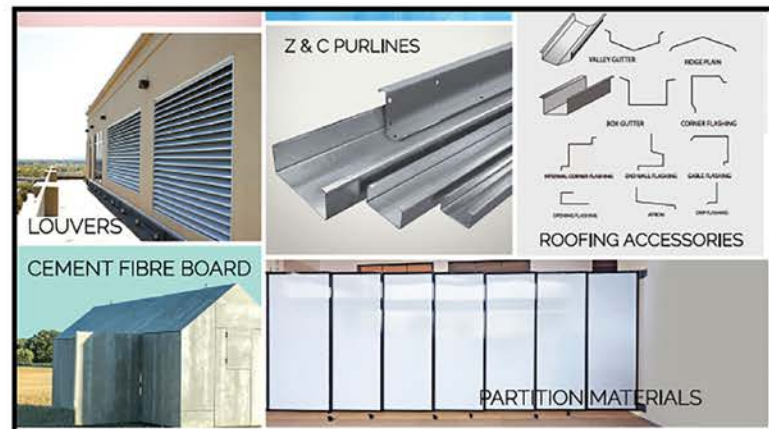
Pre-Engineered Steel Buildings use a combination of built-up sections, hot rolled sections and cold formed elements which provide the basic steel frame work with a choice of single skin sheeting with added insulation or insulated sandwich panels for roofing and wall cladding.

ADVANTAGES

-  Low cost compared to RCC structures
-  Superior Product quality
-  Fast construction
-  Architectural flexibility
-  Low maintenance cost
-  Large spans without intermediate columns



MATERIALS USED



HEAVY STEEL STRUCTURES



Our Company is specialised in Fabrication and erection of heavy structures such as Piling gantries, Erection gantries, Silos, Pipe lines, Walkways etc using hot rolled and cold form sections. We have a specialised team capable of doing welding in all positions.

PREFABRICATED TUBULAR STEEL STRUCTURE

- Structures with hollow sections are more economical and stronger than conventional rolled sections.
- The advantages of tubular sections are low maintenance, speedy construction, flexible layout, inherent resistance to earthquake etc

- Large radius of gyration compared to unit weight of a member, the tube has the largest possible value which makes the tubular sections most cost effective.

ADVANTAGES

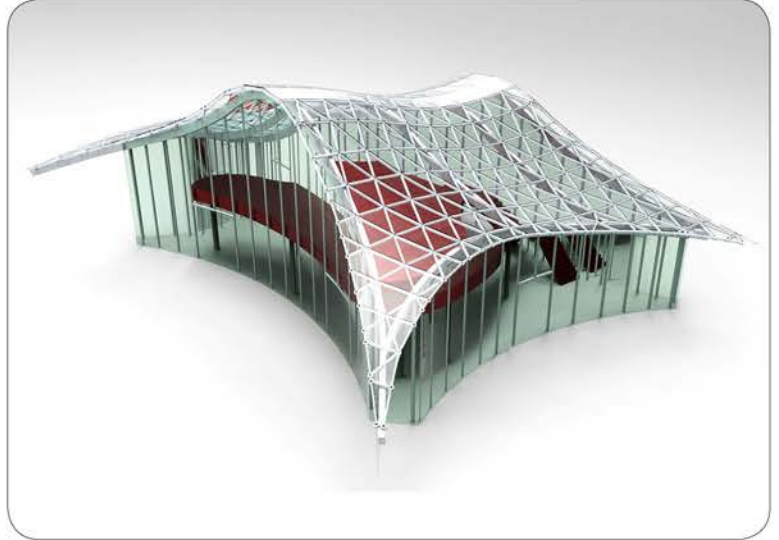
- The steel frame construction is more suitable to withstand lateral loads caused by wind or earthquake.
- Site management costs can be reduced by 20 to 30% which can lead to a 3 to 4% saving in terms of overall building cost.
- Long span steel construction provides more flexible use of space, which depends on the function of the building and its future uses.
- Steel buildings have 20 to 30% reduction in construction time relative to site-intensive construction depending on scale of project.
- Steel construction is less than half the weight of an equivalent concrete structure, which is equivalent to a 30% reduction in overall foundation loads.

SPACE FRAMES

A Space Frame or Space Structure is a truss like, light weight rigid structure constructed from interlocking struts in a geometric pattern. Space frames usually utilize a multidirectional span, and are often used to accomplish long spans (up to 100 m) with few supports.

ADVANTAGES

- Large span at lower height
- Freedom of design
- High load bearing capacity
- Highly cost effective compared to conventional truss



OUR SERVICES

- CONSULTING
- ARCHITECTURAL AND STRUCTURAL DESIGNING
- EXECUTION



OUR PROJECTS



1. MBPT JD4 Steel Walkway Rehabilitation work- 2019
Client: Tech fast Rebuild Pvt Ltd
2. Steel fabrication works at Udangudy Power plant Tamil Nadu 2019-2022. Client : ITD Cementation India Ltd
3. Fabrication of Liner, Shuttering and General Fabrication at Seabird Project Karwar-2021 ect Karwar-2021
Client: Navayuga Engineering CO LTD
4. Steel fabrication work at Pampan bridge Rameswaram 2021-2022
Client : ITD Cementation India Ltd
5. Finolex Jetty Steel Walkway fabrication and Erection 2021
Client: Tech Fast Rebuild Pvt Ltd
6. Fabrication work at CT 5 Mundra Port - 2022
Client : ITD Cementation India Ltd
7. Fabrication work at Kamaraj Port, Ennore Tamil Nadu 2022-
(Ongoing) Client : ITD Cementation India Ltd
8. Fabrication and erection work at Vizhjam Port, Kerala 2022-
(Ongoing) Client : ITD Cementation India Ltd



CONTACT DETAILS

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