



STEEL BASED MODULAR CONSTRUCTION SOLUTIONS

by Nest-In from Tata Steel



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About Nest-In

As India surges towards a smarter time and age, there is a need for newer, innovative and faster construction solutions that will fuel this momentum. Making its presence felt in the nation's growth trajectory is Tata Steel's Nest-In through its range of steel-based modular and prefabricated construction solutions. Nest-In strives to provide complete turnkey solutions with unique customer experience at its core. Offering a range of prefabricated solutions for housing, offices, industrial amenities, sanitation, portable cabins and premium living, Nest-In today serves over 26 states in India.

Geared towards meeting existing and upcoming government initiatives such as the Smart City Mission, as well as corporate requirements for projects, operations and industrial amenities, Nest-In also takes a keen interest in partnering for CSR initiatives. Additionally, Nest-In, today has carved a niche for itself to cater to the individual home buyer, by catering to customized aesthetic home extension needs.

Key Benefits



High speed construction



Modern construction solutions



Quality of offerings



Reliability of service



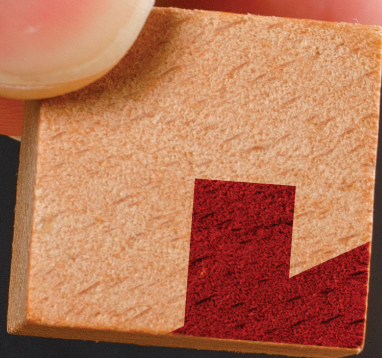
Hassle-free customer experience



Convenient installation in the toughest of locations across India



NEST-IN SHELTER SOLUTIONS





HABINEST CREATES A BETTER LIFE EVERYDAY THROUGH



High Speed Construction
2x-3x faster



Space Optimization
10-15% more usable space



State-of-the-Art
cutting edge technology ensuring precision to the last millimeter



Tough & Robust
Higher resistance to wind and seismic forces



Stringent Quality Control
Regular inspection by trusted experts



Strong & Sturdy
Superior strength-to-weight ratio



Eco-friendly Solution
Generates low construction wastage and 100% recyclable steel



Resistant to Insects
More resistant to damage from insects compared to traditional materials like wood



The Rapid, Robust, Revolutionary Building Solution

HabiNest is a light gauge steel frame construction solution from the house of Tata Steel, suitable for building academic institutional structures like schools and hostels, plant offices, residential buildings, as well as other industrial amenities, community centres, mass housing, cafeterias and more.

Hassle-free, sturdy and of high quality, the HabiNest buildings are constructed in almost one-third the time it takes for conventional construction, provide more usable space and are suited for construction in difficult terrains as well.

HabiNest Applications



Class rooms/ training rooms



Industrial amenities



Residential building



Field accommodation



Site offices



Rooftop extensions

HABINEST IS SIGNIFICANTLY BETTER IN LIFE CYCLE IMPACT

A life cycle assessment study conducted for HabiNest with a similar conventional RCC structure highlighted significant environmental benefits for HabiNest over a range of life cycle categories.*

THE HABINEST IMPACT



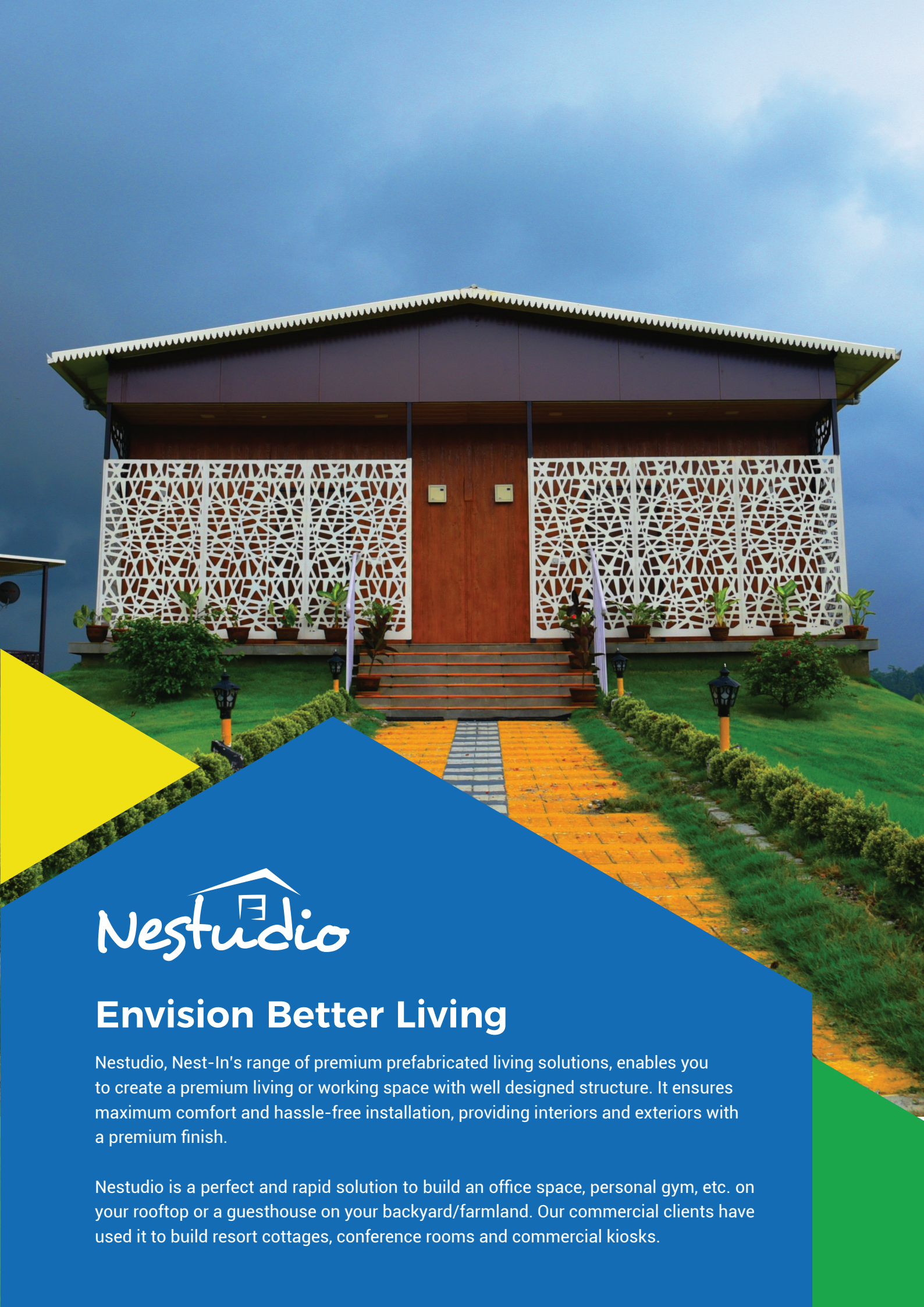
Requires
65% lesser
material resources than a
conventional structure



Consumes
48% lesser
fresh water than a
conventional structure



Greenhouse gas related
impacts are
53% lesser
than a conventional
structure



Envision Better Living

Nestudio, Nest-In's range of premium prefabricated living solutions, enables you to create a premium living or working space with well designed structure. It ensures maximum comfort and hassle-free installation, providing interiors and exteriors with a premium finish.

Nestudio is a perfect and rapid solution to build an office space, personal gym, etc. on your rooftop or a guesthouse on your backyard/farmland. Our commercial clients have used it to build resort cottages, conference rooms and commercial kiosks.

Disclaimer: These findings are based on an internal LCA study carried out by Tata Steel Corporate Sustainability Team





NESTUDIO CREATES A BETTER LIFE EVERYDAY THROUGH



High Speed Construction
2x faster construction



Sturdy Construction
Strong & generates minimum waste



Aesthetic Design
Comes with branded fittings & accessories



Low Maintenance
Easy & hassle-free to maintain



Roof Extension
Within load bearing capacity of existing roof



Powerful Insulation
Insulated panels for ambient conditions



Eco-friendly Solution
Is environment friendly



Earthquake & Wind Resistant
Highly resistant to seismic & strong wind forces

Nestudio Applications



Farmhouse/ Outhouse



Villas



Conference Rooms



Resorts & cottages



Functional rooms
(Gym or activity room, study room, home office etc.)



Rooftop house (extra living space)



One floor offices



**NEST-IN
SANITATION
SOLUTIONS**



EZYNEST CREATES A BETTER LIFE EVERYDAY THROUGH



Appealing Design
Attractive design and colour options



Strong Structure
Robust and insulated steel superstructure



Expert Installation
Installed by a trained professional team



One-stop Solution
One-stop solution with waste management, plumbing and electrical fittings



Variants available for differently-abled
Specially designed option for differently-abled individuals

EzyNest Applications



Public spaces in villages and cities



Schools



Highways



Railway stations and airports



Tourist spaces and monuments



Project sites

The One-Stop Sanitation Solution

EzyNest is a modern, durable and secure one-stop sanitation solution. EzyNest modular toilets are thermally insulated, generate minimal construction waste, are equipped with waste management facilities, and large parts of the unit are recyclable.

The toilets are extremely easy and quick-to-construct and can be installed in the harshest of terrains and remotest of locations.

Our EzyNest Units are made of



Available in the following sizes:

1. Standard Modular Toilet : 4x3 feet
2. Different-abled Friendly Modular Toilet : 6x4 feet





Automated Toilets

Smart EzyNest is a range of automated modular toilets designed to provide a complete sanitation solution for the masses.

Smart EzyNest saves costs in operation and maintenance through employing state-of-the-art service methods.

The effectiveness of the solution can be attributed to its unique micro controller based electronic circuitry, vandal proof design, luxurious interiors and low operational costs.

SMART EZYNEST CREATES A BETTER LIFE EVERYDAY THROUGH



Safe & Smart
Entry restricted when there is no power or water



Coin/Smart Card Operated
Door opens through coin drop/ smart card swipe



Automated Flush
Automatic pre & post flush



Automated Shutdown
Automatic shutdown before resources finish



Occupancy Indicator
Clear indication of occupancy



Automated Cleaning
Periodic automated spray power cleaning



Easy to Maintain
Easy to clean surface material & floor design



Theft Proof
Vandal proof design



IoT Enabled
Dashboard & app to communicate usage, resource status & service alerts

Optional Features

Additional features like solar panels, AC, sanitary napkin dispenser, audio-visual advertisement displays & more.

Differently-abled Friendly Modular Toilet Features



Hand railing



Slope entry



High wash basin



Smart EzyNest Applications



Public toilets in cities



Highways



Tourist Places & Monuments



Corporate Parks



Airports & Railway stations



Municipalities & Smart cities

PORTABLE CONTAINER TOILETS

Cleanliness Meets Convenience

Nest-In Portable Container Toilets combine the best of sanitation with unmatched portability. These can be extensively used at industrial construction sites, plants, public spaces and also has high relevance today as temporary sanitation units at isolation facilities.



Unit Size: 20 x 8 x 8.5 feet

KEY FEATURES



Steel Cabin



Complete Electricity
& Plumbing Fittings



No on-site erection
or assembly required



Strong &
Durable Structure



Low Maintenance



Thermally Insulated
Structure



Branded Internal
Fittings



Space for Ad Display



Weather Resistant



Plug & Play Solution



Fast Construction



Easily Relocated



Customizable with
multiple layout
& colour



Standard Sizes



20 x 8 Feet



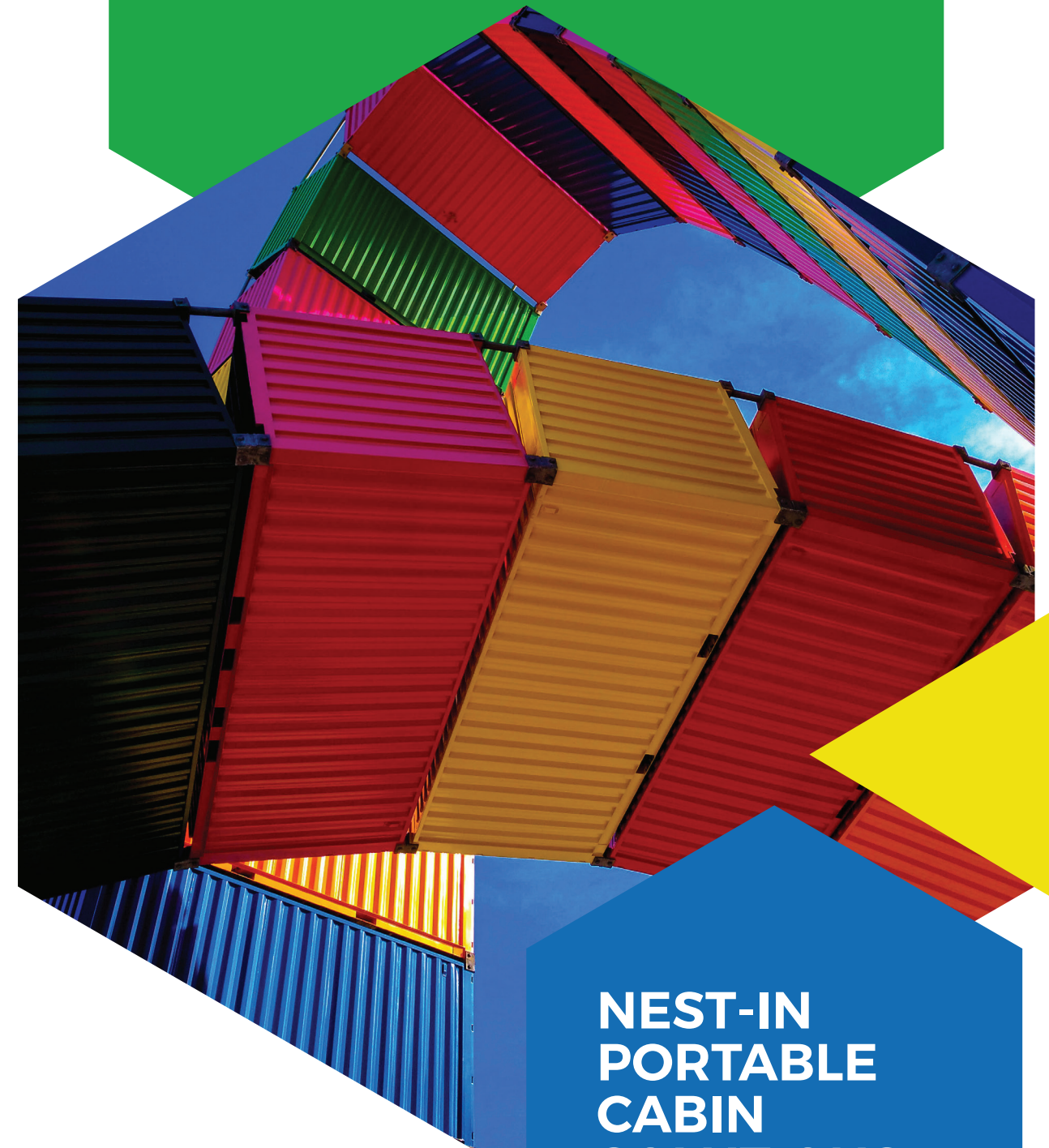
12 x 8 Feet



6 x 4 Feet



4 x 4 Feet



**NEST-IN
PORTABLE
CABIN
SOLUTIONS**



MOBINEST CREATES A BETTER LIFE EVERYDAY THROUGH



Highly Customizable
Multiple layout and colour options



Premium Quality
High quality materials used



Well Insulated
Thermally-insulated structure



Robust & Durable
Durable and maintenance free



High Tech
Readily integrated with technology



Highly Versatile
Wide range of applications

MobiNest Applications



Offices, housing and rest area near mines, construction sites, and manufacturing sites



Guard huts/ Security Cabin



Storage Containers



Bunk Houses



Conference Room



Classrooms



Medical stores



Premium living spaces at tourist destinations



Portable Toilets/Sanitation Blocks



Easily Transportable Cabins

MobiNest is a steel-based portable cabin solution from the house of Tata Steel Nest-In, which aims to make living spaces easy-to-install and highly mobile.

The MobiNest series consists of a range of portable cabins that can be customized as per the customer's needs. High-quality interior furnishing makes these cabins convenient and comfortable in any terrain.

MobiNest cabins are most commonly used as workspaces in off-route locations of manufacturing, mining and construction companies. They also serve as effective housing and sanitation solutions where the need arises.





MOBINEST PORTABLE MEDICAL CABINS

ISOLATION & QUARANTINE CABINS

In the wake of the novel Coronavirus outbreak and the challenges it posed, Tata Group and Tata Steel resolved to help the nation on multiple fronts.

One such front was effective management and treatment of the large number of prospects and patients affected by the virus in order to aid speedy recovery and contain the spread.

This required major enhancement of healthcare infrastructure including Hospitals, Medical Clinics, Isolation Rooms, Toilets, etc.







Quarantine Cabin Exterior



Isolation Cabin Exterior

Quarantine & Isolation Cabins

-  Complete ready-to-use cabins of size 40 x 10 x 8.5 feet
-  Factory Installed Doors & Windows, Concealed Electricals & Plumbing
-  Insulated PPGI/FRP Sandwich Roof Panels, made with Tata Steel internal brands
-  Provisions for HVAC, Sewage Outlet, Water & Power Inlets

Additional Features

Quarantine Cabin	Isolation Cabin
✔ Layout made as per medical guidance	✔ Layout made as per medical guidance
✔ Capacity of 5 beds and 1 common toilet	✔ 3 isolated rooms with attached toilets for patients under isolation
✔ Seating area for attendants	✔ Air-lock chamber at the entrance
✔ Internal furnishing	✔ Internal furnishing



**CHARGE-NEST
SUSTAINABLE
EV CHARGING
STATION**



Sustainable EV Charging Station by Nest-In from Tata Steel

Every Ride Electrified

As fuel prices continue to rise the world over, India is gradually facing the need for sustainable options to power her vehicles in years to come. India's electric vehicle (EV) market is expected to grow at a compounded annual growth rate (CAGR) of 90 per cent in this decade to touch \$150 billion by 2030, a report by consulting firm RBSA Advisors, released on December 2021, stated. Apart from fuel economics and tightening emission laws, environment conscious consumers too are driving this demand for EVs.

To meet this growing demand, Nest-In has designed and manufactured a new age EV charging solution using highest quality FRP and steel.

ChargeNest is a sustainable charging station that is compatible with both commercial and personal vehicles.

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EXPERIENCE THE POWER OF CHARGENEST

FEATURES



Unique and colourful aesthetics, with lighting panel



Foundation agnostic design



Modular: reconfigurable for indoor & outdoor site demands



Integration of solar panels on the roof of the station



Environment friendly



Hassle-free installation



Branding space for advertisements



Corrosion-free



Customizable: Roofs can be shortened/removed as per requirements



App integration for payments and location identification



Designed to withstand wind speed of 180 km/hr



Shutter for protection against vandalism

Disclaimer: Foundation for representation purpose only





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GO BEYOND POWER

APPLICATIONS



Easy plug-in
vehicle charging



Commercial & Personal
Vehicle Charging



Rest Shelter



Solar Parking Shed

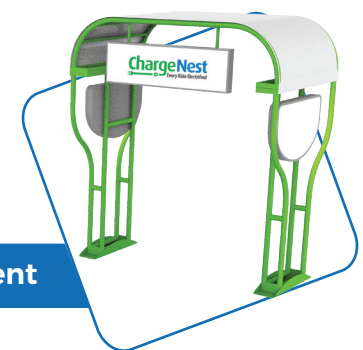


Parking Shelter

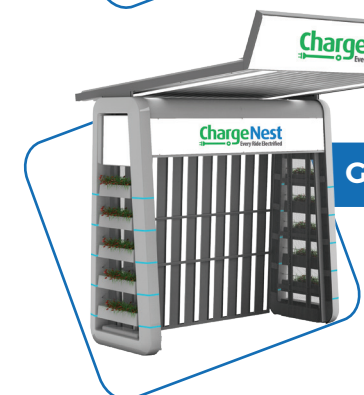
CHARGENEST COMES IN POWERFUL AVATARS



Greeny Basement



Diverge Basement



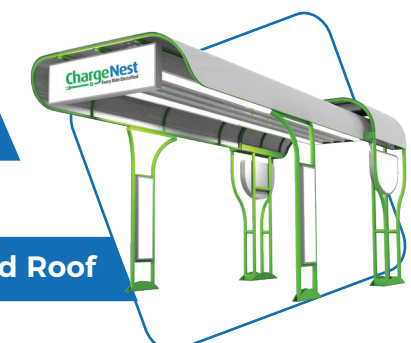
Greeny Short Roof



Diverge Short Roof



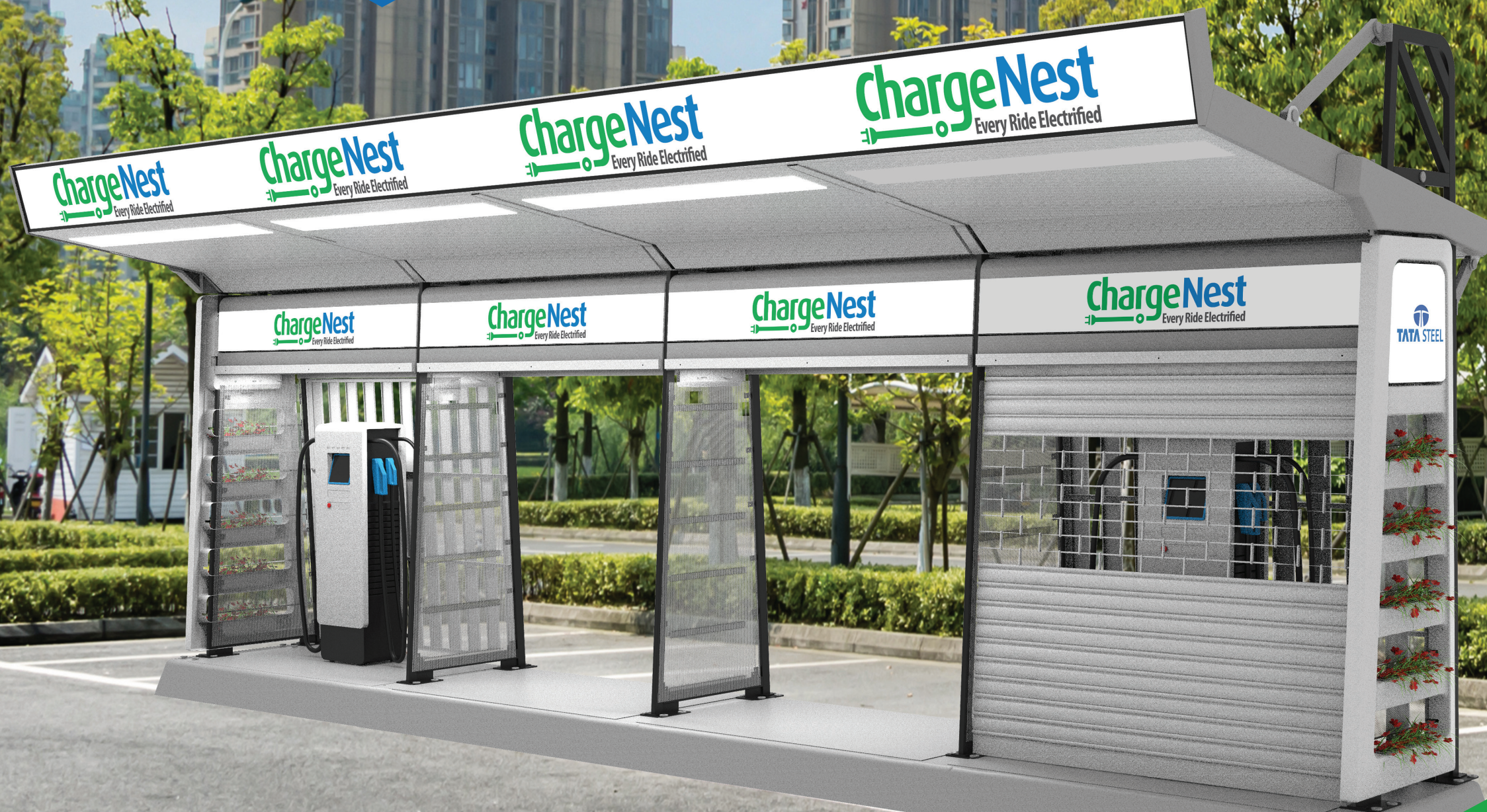
Greeny Extended Roof



Diverge Extended Roof

CHARGENEST EXTENDED BAY

ChargeNest stations are expandable for easy customization.



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NEST-IN MARQUEE CUSTOMERS

Nest-In is proud to have been associated with leading corporates, government bodies, municipal corporations and development authorities in delivering impactful projects. Here are some of our marquee customers.

MUNICIPAL CORPORATIONS & DEVELOPMENT AUTHORITIES

Ahmedabad Smart City
Solapur Smart City
Delhi Metro
Delhi Urban Shelter Improvement Board
Tirupati Municipal Corporation
Surat Municipal Corporation
Cuttack Municipal Corporation
Mussorie Dehradun Development Authority

THE TATA GROUP

Tata Steel
Tata Consultancy Services
Tata Chemicals Limited
Tata Projects Limited
Tata Realty

GOVERNMENT BODIES

Indian Railways
Airports Authority of India
India Post

CORPORATES

Nestle
Indian Oil
Godrej
Mercedes-Benz
Oil and Natural Gas Corporation Limited
(ONGC)
Mahindra
Pidilite
Manipal Academy of Higher Education

