

# OUR CURRENT INSTALLATIONS

TATA STEEL



powered by TOILET



Thrissur, Kerala



Kodakara, Kerala



## SMART TOILETS

We build what matters

05 06 07 08



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# NEST-IN PRESENTS SMART EZYNEST TOILETS POWERED BY IP TOILETS



Tata Steel Nest-In has a pan India experience in installing steel based pre-fabricated modular toilets. We have now come up with a smart one-stop solution for sanitation for our government as well as private clients.

Our technology partner - Altersoft Innovations has incessantly worked on refining the design and features of their smart sanitation solution to come up with the Intelligent Public toilet.

IP toilets save cost in operation and maintenance almost by 90% by employing state of the art service methods. Effectiveness of the IP toilets can be attributed to its unique micro controller based electronic circuitry, vandal proof design, luxurious interiors and low operational costs.

## DESIGNED TO ACCOMODATE THE PHYSICALLY DISABLED

Designed keeping safety and comfort in mind



Sliding door to facilitate ease of entry



Hand railing to assist movement



Ramp leading to the entry



Sensor based hand wash basin



Vandal proof design



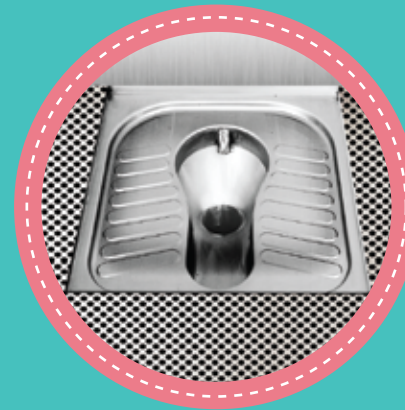
# SMART EZYNEST FEATURES

## The Automated Public Toilet's unique hygiene aspects

Cleanliness between usages  
- periodic power spray cleaning



Specially designed power sprayer - cleans both walls & floor



## Optional Features

Solar Panels | Bio-membrane tank / sewage treatment plants | Air conditioners  
Napkin incinerator and napkin vending machines | Audio / video systems  
Advertisement displays | Aromatic dispensers

# PAVING THE WAY FOR A SMARTER, CLEANER INDIA



- Robust and insulated steel super structure
- One stop solution with waste management, plumbing and electrical fittings
- Value for money - cost effective solution
- Installation by trained professional team

# WHY NEST-IN AUTOMATED PUBLIC TOILET?

## NEST-IN AUTOMATED PUBLIC TOILET

VS

## MAJOR COMPETITORS

- 1200 x 1200 mm (4x4 feet) **comfortable for movement inside**
- 2 mm 316 grade SS Perforated floor, interiors and doors. **Significantly low rusting probability**
- Unique double layered perforated floor design for easy **cleaning and mud removal**
- Unique design ensuring complete automation from outside and fully manual operation from inside
- Built with CPVC to **withstand heat and pressure** for a long period of time
- Pressure boosting pumps to maintain **optimum pressure while flushing, hand washing and cleaning**
- Both floor and walls are cleaned with patent pending technology
- Equipment inside the toilets are kept in a vandal proof way so that the public cannot tamper with them easily

- Inner space
- Material inner walls & doors
- Floor Design
- Prevention of user lock-in
- Plumbing Material
- Optimum & efficient water usage
- Cleaning
- Vandal deterrent design

- Typically, 30% lesser than Nest-In Smart toilets
- Mild steel or low-grade SS increasing possibility of rusting
- Normal flooring
- Some toilets use automatic doors which causes users to get trapped inside the toilet
- PVC with low heat and pressure resistance
- No pressure boosting
- Generally, comes with floor cleaning only
- No attention paid to a vandal proof design

# FUNCTIONING OF AUTOMATED PUBLIC TOILET

Entry restricted when there is no power or water

On entering inside lights operate automatically

Door opens on Coin drop/Button Push. Bolting from inside is manual



Safe to use & easy to maintain



Occupancy indicator



Warning for 2 adult entry



Emergency exit



Automatic pre & post flush cleaning



Easy to clean surface material & floor design



Periodic automatic power spray cleaning



Automatic shut down before resources finish