



Vakratund Invention India Pvt Ltd.
Solution of Waste management.



+91 9423073593

CEO & Founder
Mr. Keshav Yendait

ceo@vakratundinvention.com
www.vakratundinvention.com

ABOUT US

Established in the year 2018, "Vakratund Invention India Private Limited" is one of the leading Manufacturers of Bio Gas Plant, E- Toilet, Organic Food Waste Composter Machine, Plastic Shredder Machine, Dust Remover Machine, Trommel Machine, Plastic Baling Machine, Smokeless Bio-Medical Waste Incinerators, Sanitary Napkin Vending Machines, Sanitary Napkin Incinerators, and many more. Our claim to success is hallmarked by the offered quality products that gained us huge recognizance. We are working towards development through a determined team of people to meet the most stringent requirements of customers. Under the leadership of our mentor, "Mr. Keshav Yendait", we have been able to attain a commendable position in this domain. His excellent management skills, profound experience, and innovative business ideas have helped us in catering to the huge clientele across the nation.

List of Product

- Organic Food Waste Composter Machine
- Gasifier (Waste to Energy generation plant)
- Bio Gas plant
- Waste segregation Trommel with conveyer system.
- Waste segregation conveyer system
- Plastic Shredder Machine
- Smokeless Bio-Medical Waste Incinerator Machine
- Dust Removal Machine
- Plastic Baling Machine
- Garbage Tipper
- Vending Machine

Vakratund Invention India Pvt Ltd

Solution of Waste Management



ABOUT OUR PRODUCT

"We specialize in manufacturing a diverse range of waste management solutions, offering innovative products such as Organic Food Waste Composters, Bio Gas Plants, Plastic Shredding Machines, Plastic Baling Machines, Dust Remover Machines, Incinerator Machines, Sanitary Napkin Vending Machines, Cloth Bag Vending Machines, and various other vending products. Additionally, we trade Thermal Fogging Machines, Mini Fogging Machines, and Fogging Liquids. Our commitment lies in providing comprehensive solutions for effective waste management and contributing to a sustainable future."

OUR MISSION

- Provide the finest waste management products on the market to reduce environmental damage and recycle waste properly.
- Producing durable items with a strong build, making great things with help, and making difficult tasks simple.

Vakratund Invention India Pvt Ltd
Solution of Waste Management

OVERVIEW

Vakratund Invention India Pvt Ltd is the leading manufacturer of Bio Gas plants, Organic food waste composters, Plastic Shredders, Baling Machine, Gasifier, Dust remover machine, Cloth bag vending machines, incinerator machines, sanitary napkin vending machines, and several more vending machines.

As we started in 2018, we currently deal on trusted platforms like Indiamart, Tradeindia, Amazon, Flipkart, Google, Facebook, and others and have a recognized manufacturer and seller in 2023.



- Capacity of Our Product 100 Kg per Day.
- Fully automatic composting of waste 24 hours a day
- The greatest composting design is user-friendly, safe from shock, and has advanced adaptive features.
- Adaptive technology Safety features include a stop switch, temperature control, and motor overload protection, among many others.

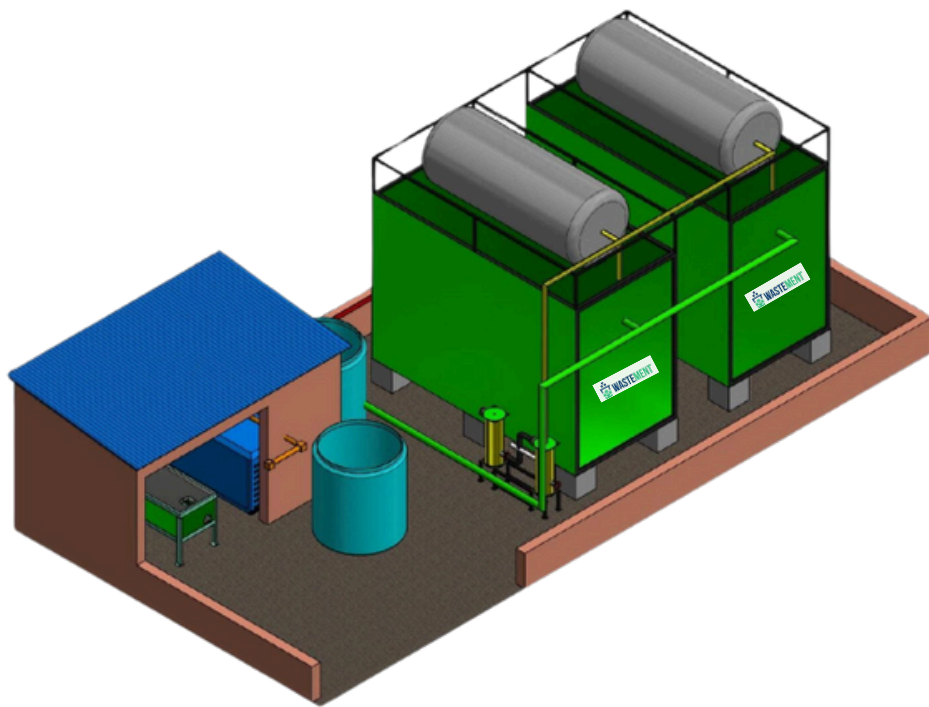
ORGANIC FOOD WASTE COMPOSTER

Organic food waste composters convert kitchen scraps and biodegradable materials into nutrient-rich compost. Utilizing microbial decomposition, they break down organic waste, reducing landfill contributions, and producing natural fertilizers for gardens, agriculture, and sustainable soil enrichment practices.

TECHNICAL SPECIFICATION

Capacity:	100kg to 2000 kg
Dimensions (in mm):	1500mm(L)*1020mm(H)*720mm(w)
Process Type:	Mechanical Auto Composting
Process Duration:	24 hours
Volume Reduction:	80-85%
Operation:	Fully Automatic
External Body:	CRCA MS body with powder coated.
Inner Body:	SS-304
Motor Gearbox:	Integrated motor gear box
Total Connected:	1-5 Load(HP)
Heaters:	Band Heaters
Safety Features:	Emergency Switch to stop the machine, motor overload protection feature, temperature control, etc.

All waste types, including food trash, vegetable scrap, household waste, fall leaves, paper, grass clippings, fruit scrap, eggshells, etc., can be composted.



- Biogas plants generate renewable energy from organic agricultural waste sources.
- Bacteria aid anaerobic digestion to produce methane-rich biogas from organics.
- Biogas, rich in methane, fuels cooking, heating, electricity, and transportation.
- Digestate, from anaerobic digestion, enriches soil, boosts crop yield quality.
- Biogas production cuts methane emissions, recycles organic waste, aiding environment.
- Biogas plants bolster rural areas with clean energy, sanitation, employment.

BIO-GAS PLANT

Our biogas facilities were built with the goal of protecting the environment, supported by the necessary experience and market exposure. We are confident that the advantages listed below would not only aid in the development of our country but also advance efforts to protect the environment.

Self-sufficiency and reliance on organic manure without adulteration for cooking energy favorable to one's health and well-being Effective waste, hygiene, and cleanliness management saving both time and energy

A biogas plant is a facility employing anaerobic digestion to convert organic waste into renewable biogas, primarily composed of methane. These plants create oxygen-free conditions, facilitating the breakdown of biomass by specific bacteria. Bio-gas is an eco-friendly energy source generated from organic matter like food scraps. Versatile and sustainable, biogas finds applications in cooking, heating, and electricity generation. It plays a crucial role in waste management, utilizing diverse organic materials for energy production, contributing to environmental conservation, and serving as an alternative to traditional fossil fuels.

Uses: Agricultural Sector, Food Processing and Manufacturing, Municipalities and Waste Management, Wastewater Treatment Plants, Remote and Off-grid Areas, Industrial Applications



GASIFIER (WASTE TO ENERGY GENERATION PLANT)

A Gasifier-based Waste-to-Energy Plant converts diverse waste materials—like biomass or municipal solid waste—into Syngas by heating them at high temperatures in a low-oxygen environment. This Syngas can be used to generate electricity or biofuels, offering an eco-friendly method to manage waste while producing sustainable energy.

TECHNICAL SPECIFICATION

REACTOR

Capacity:	2 Ton /Per Day
Diameter:	800mm X 700mm
Thk:	10 mm
Material:	SS 304
Insulation:	Al2o3 baed castable reactory
Throat Die:	100mm
Reactor Agent:	Air
Operating Pressure:	Atmospheric (Natural.
Operating Temperature:	800-1000 degree cel
No. of Reactor:	1 Nos

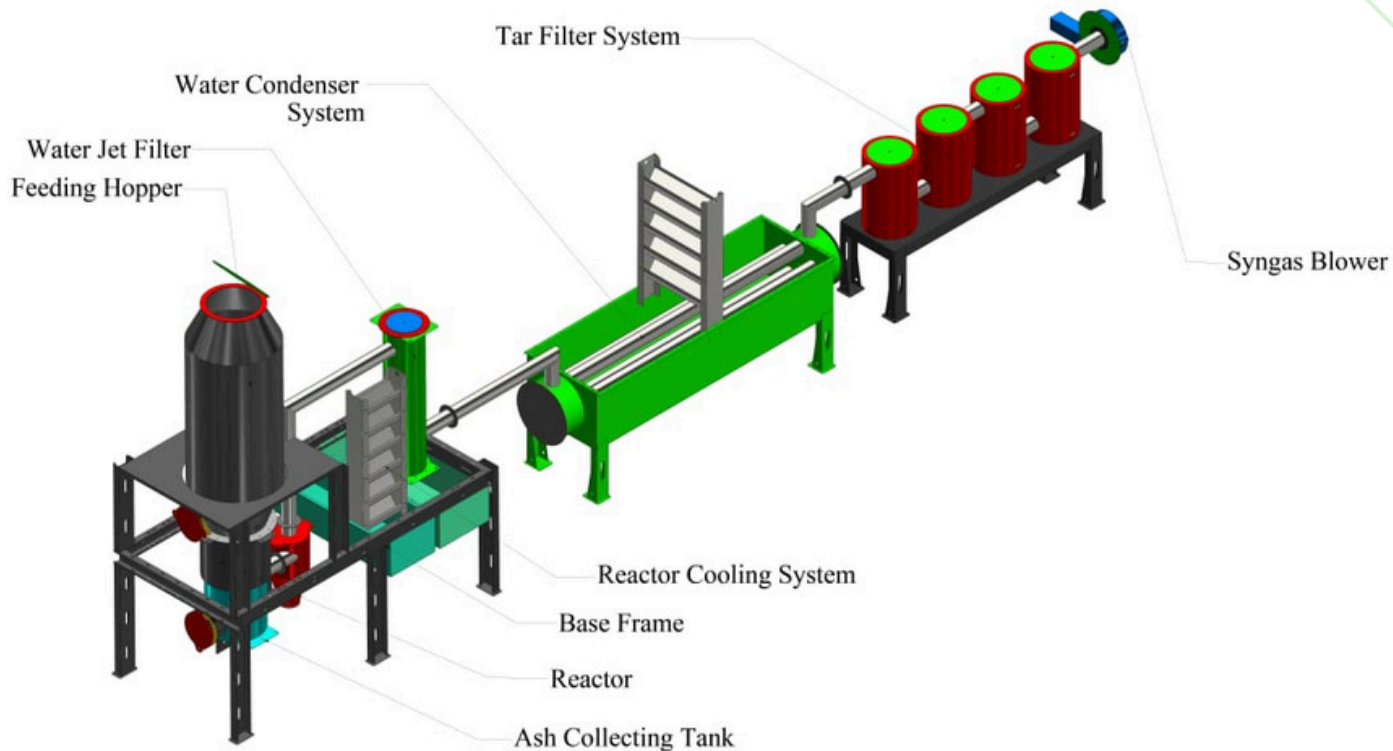
PLASTIC GRANDER MACHINE

Type:	Plastic Grinding
Cap:	1.5 Ton Per Day
Motor:	10 HP
Fix Blade:	NE8 Hardening Material Blades
Rotating Blade:	10 Nos NE8 Hardening Material
Shaft Dimension:	500mmx 80mm
Hopper Size:	500mm * 500mm

WOOD SHREDDER MACHINE

Shredding Capacity:	1.5 Ton per Day
Motor:	7.5 HP
Shredding Machine Type:	Single Shaft
GAS ENGINE (GENSET CAPACITY :	50 KVA)
WASTE FEEDING CONVEYOR SYSTEM	

Gasifiers in waste-to-energy plants convert various organic wastes into Syngas, a versatile fuel. They help generate electricity, heat, or biofuels sustainably, reducing landfill waste and promoting a cleaner environment.



**TAR FILTER
UNIT**



**WATER
CONDENSER**



**GASIFIER
PLANT**

Gasifiers in waste-to-energy plants convert various organic wastes into Syngas, a versatile fuel. They help generate electricity, heat, or biofuels sustainably, reducing landfill waste and promoting a cleaner environment.



- Efficient sorting of materials using rotating drum.
- Separates by size, minimizing manual sorting efforts.
- Versatile for various industries and material types.
- Adjustable drum speed for optimal screening results.
- Removes contaminants, enhancing material purity and quality.
- High throughput capacity for increased productivity gains.

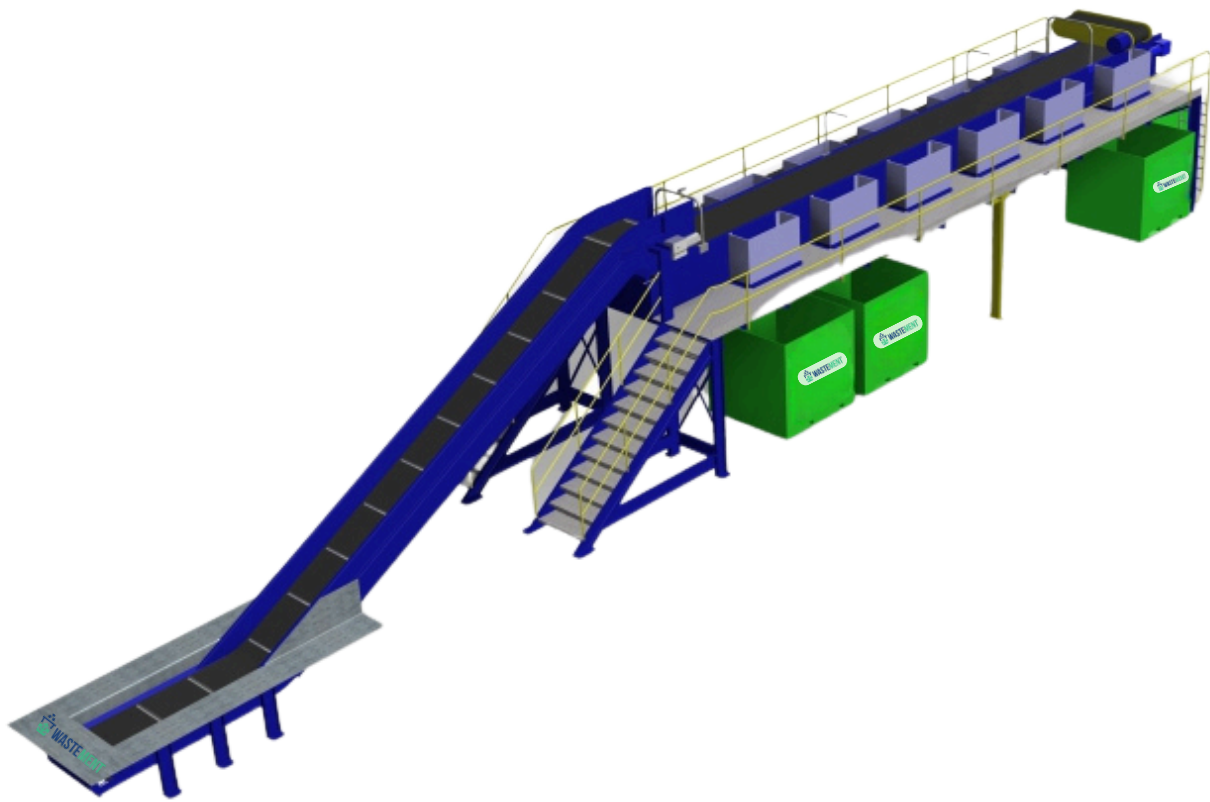
SCREENING MACHINE / TROMMEL WITH BELT CONVEYOR SYSTEM

A waste segregation trommel machine with conveyor efficiently sorts materials based on size. It's a mechanical screening device with a rotating drum (trommel) covered with a mesh. As waste moves through, the conveyor assists in segregating materials, aiding in mineral and solid-waste processing.

TECHNICAL SPECIFICATION

Usage/Application:	solid waste management
Treatment Capacity:	30 TPH
Applicable Industry:	SOLID WASTE MANAGEMENT
Power Source:	Electrical
Voltage:	240
Space Requirement:	2 MTR X 6 MTR
Material:	MILD STEEL
Automation Grade:	Automatic
Frequency:	50 HZ
Installation Service:	IN OUR SCOPE
Energy Consumption:	3 PHASE
COLOUR:	Green/Blue
Country of Origin:	Made in India
Mounting Type:	Stand Mount

Trommel with conveyor systems efficiently segregate waste by size, separating recyclables from non-recyclables. This setup streamlines recycling processes in municipal solid waste management, enhancing sorting accuracy and promoting eco-friendly waste management practices.



WASTE SEGREGATION CONVEYER BELT SYSTEM

A waste segregation conveyor system sorts and separates different types of waste, like plastics, paper, and metals, using conveyor belts. Through Manual and sorting mechanisms, it efficiently separates recyclables, organic matter, and trash, streamlining the waste management process for recycling and proper disposal, reducing environmental impact.

TECHNICAL SPECIFICATION

Usage/Application:	solid waste management
Treatment Capacity:	5-30 TPH (As per Requirement)
Applicable Industry:	SOLID WASTE MANAGEMENT
Power Source:	Electrical
Voltage:	240
Space Requirement:	2 MTR X 6 MTR (As per Requirement)
Material:	MILD STEEL (As per Requirement)
Automation Grade:	Automatic / Semi-Automatic / Manual
Frequency:	50 HZ
Installation Service:	IN OUR SCOPE
Energy Consumption:	3 PHASE
COLOUR:	Green/Blue
Country of Origin:	Made in India
Mounting Type:	Stand Mount

Waste segregation conveyor systems are employed in recycling facilities, municipal waste centers, and industries to automate sorting processes. They efficiently separate recyclables, organic waste, and trash, aiding in environmental conservation and resource recovery.



- The capacity of Our Product is up to 100-1000 kg per Hr.
- Dual Shaft Shredder.
- High-Torque Shredding Technology
- Cutter Blade with Wear Resistance.
- Designed to protect against shock
- Machine control panel with smart features.
- Low horsepower, energy-efficient motor.

PLASTIC / ORGANIC WET WASTE SHREDDER MACHINE

Plastic Waste :

Machine with the perfect design for crushing waste materials such as plastic bottles, pipes, films, cables, wood, and paper can be shredded with this machine.

Wet waste :

Wet waste shredders process organic waste, Kitchen Waste, Garden Waste, Agriculture Waste, etc. can be shredded with this machine.

TECHNICAL SPECIFICATION

Capacity:	100-1000Kg/Hr. (as per Requirement)
Working Chamber:	260 mm X 260 mm (as per Requirement)
Motor Power:	3 HP (as per Requirement)
Gearbox:	Planetary
Operation:	Fully Automatic / Manual
External Body:	CRCA MS body with powder coated.
Power Supply:	3 Phase, 440V- 50Hz
Motor:	Havells / CG
Number of Motors:	1 (as per Requirement)
Motor Rating:	IE2
Output Method:	Sliding tray
Output Material Size:	8-10mm

All waste types, including Pet bottles, Plastic items, Rubber, Wood, Medical Waste, Paper & Corrugated boxes, Document Destruction, Organic Waste, Glass, Electronic Scrap, etc., can be Shredded.



- Smart Control Panel
- Fully Automatic Process
- Low Man Power Required
- Low Horse power, energy efficient motor
- Environmentally friendly
- Dust Cleaner
- Finest materials were utilised to build

PLASTIC DUST REMOVER MACHINE(FATKA)

A plastic dust removal machine is a device designed to extract and eliminate plastic particles and dust from various surfaces or environments. Using filtration systems and suction mechanisms, it efficiently collects and filters plastic debris, promoting cleaner air and surfaces, often employed in industrial settings to maintain cleanliness and safety standards.

TECHNICAL SPECIFICATION

Capacity:	100-300 Kg / Per Hour
Application:	Cleaning the Dust from Plastic Waste
Drum Size:	800mm(W) X 1400mm(L) X 1200mm(H)
Motor:	3 HP
Motor Make:	Super Mech
Machine Weight:	150-200 Kg
Body Sheet Thickness:	8mm and 30mm
Body MOC:	Mild Steel with Paint
Power Supply:	3 Phase, 440V-50Hz
Input Door Size:	400mm X 500mm
Output Door:	400mm X 500mm
Operation mode:	Automatic
Head Pulses Recovery:	80%-90%

Uses:- Recycling Facilities, Waste Collection Centers, Municipalities, Industrial Facilities, Landfills etc



- Compress plastic waste for easier storage and transport.
- Automate baling, saving time and labor compared to manual methods
- Adjust settings for bale size and density to match storage and transport needs.
- Reduce transport costs by fitting more material per load due to compaction.
- Equipped with safety features like emergency stops and sensors to prevent accidents

PLASTIC BALING MACHINE

A baling machine is a specialized industrial apparatus designed for compressing and binding materials into compact and manageable bales. Commonly used for recycling purposes, these machines efficiently process materials like paper, cardboard, plastics, and metals, reducing their volume for easier storage, handling, and transportation. Baling machines come in various types, such as vertical balers for smaller volumes and horizontal balers for larger-scale operations. They contribute significantly to waste management by optimizing space and facilitating recycling processes. The compacted bales are not only easier to handle but also promote sustainability by streamlining the collection and recycling of valuable materials, making them an essential tool in various industries.

A plastic baling machine is a specialized piece of equipment used to compress and package plastic waste materials into compact and manageable, Used in Recycling Industry, Waste Management, Manufacturing Plants, Retail and Distribution Centers, Municipal Recycling Programs



- The capacity of Our Product is up to 150 kg per Hr.
- High Burning Technology
- Device to control smoke in-Build
- Shock-proof technology is used
- Environmentally friendly
- Finest materials were utilised to build
- Machine control panel with smart features.

SMOKELESS-MEDICAL WASTE INCINERATOR & ANIMAL INCINERATOR

A smokeless medical waste incinerator is a specialized device designed to dispose of medical waste, including hazardous materials, by burning at high temperatures in a controlled environment. Employing advanced combustion technology and emission control systems, it minimizes harmful emissions and ensures efficient disposal while adhering to environmental regulations and health standards.

TECHNICAL SPECIFICATION

Capacity:	up to 100Kg Per Hour
Working Chamber:	260 mm X 260 mm
Smoke Killing Device:	Yes (in-built)
Process Duration:	30-60 minutes
Machine Size:	1380(H)*1000(W)*620(D)
Weight:	250kg
Operation:	Fully Automatic
External Body:	1.6 MM Mild Still with Powder coated.
Power Supply:	220-240v, AC 50hz, 16 Amp
Power (Coil):	5000-8000Watt
Inner Chamber:	3 mm Stainless Still
Output Method:	Sliding tray
Cooling Time:	30 minutes
Overload protection:	Yes
MCB Protection:	Yes
Mounting Type:	Stand Mount
Door Lock:	SS Latch Lock
Temperature Controller:	Yes
Auto Cut Off:	Yes
Self-burning:	Yes (Every 5 hours cycle) if required
Dual Chamber:	Yes

All waste types, including hypodermic needles, syringes, scalpels, Operational Cotton, expired medicine wrappers, medical hand gloves, medical scrap, Sanitary Napkins, Diapers, research and development waste, etc.,



- Waste collection and transportation vehicle
- Hydraulic lifting for efficient dumping.
- Sustainable city goals
- Essential in municipal waste management.
- Environmentally friendly
- Promotes sanitation and cleanliness.
- Facilitates organized and systematic garbage disposal.

GARBAGE TIPPER

A garbage tipper, also known as a waste tipper or refuse truck, is a specialized vehicle designed for collecting and transporting solid waste. It typically features a hydraulic lifting mechanism to empty waste containers into the truck's storage compartment. These vehicles play a crucial role in municipal waste management and sanitation services.



Uses: Village ,residential complexes, parks, pedestrian zones, composting facilities, Specialized Waste Collection are, Specialized Waste Collection, Urban Areas.



CLOTH BAG VENDING MACHINE

We make it simple and economical for you to purchase cloth bags anywhere, including markets, malls, and shopping centers. To avoid using plastic bags and to buy cloth bags on your own at affordable prices, utilize our cloth bag vending machine. We want to completely stop using plastic bags.



SANITARY NAPKIN VENDING MACHINE

Sanitary Napkin Vending Machines focuses on boosting a positive and fearless attitude in young, school-going as well as working women. It enables young girls to have access to sanitary napkins, who might otherwise be conscious of buying the pads from market stores. This machine works automatically on the insertion of coin and caters to specification of sanitary napkins of any brands.



Medical Waste Incinerator Machine



Customer Feedback Machine



Sanitary Napkin Incinerator Machine



Diaper Incinerators Machine



Thermal Fogging Machine



Double Barrel Fogging Machine

Our Clients...

The Most Trusted Brands



TATA TRUSTS



Seagram



Our Certifications...



Pictures

The success of our Vision.





Thank You...



Vakratund Invention India Pvt Ltd
Mide Ambad Nashik-10

ceo@vakratundinvention.com
www.vakratundinvention.com

Contact: +91 8888048480

+91 9226844968

+91 8482973593

