

Recognised by DPIIT, pre incubated at NSRCEL, IIM B.

Currently undergoing Incubation at center of incubation and business acceleration (CIBA).

Vision: To provide clean and healthy drinking water to everyone, literally everyone.







- Water scarcity & water quality needs.
- Innovation and sustainability.
- Social impact.
- Products & services.
- Zoss industrial waster water solutions.
- Zoss analytics: IOT based metering solutions.
- Zanolyt: On site disinfectant generators.
- Zoss Water: Ionized alkaline water purifiers.
- Zoss Vayu: Atmospheric water generators.

- Zoss TDSC: Water conditioners.
- Accreditations and associations.
- Markets & few of our clients.
- Team & board of advisors.
- Thank you.

WATER SCARCITY & WATER QUALITY NEEDS

The problems

- Around 71% of our planet is covered with water, however only 3% is fresh water. Only one third of this fresh water is available for usage and the rest being frozen in glaciers or otherwise unavailable for usage.
- Globally, 80% of wastewater flows back into the ecosystem without being treated or reused, contributing to a situation where around 1.8 billion people use a source of drinking water contaminated with faeces, putting them at risk of contracting cholera, dysentery, typhoid and polio.
- According to the India water portal report in Bangalore, around 360 million liters of water go waste every day due to leakage and other reasons. Across India, 40 per cent of the water supply is being lost due to leaking pipes.
- Due to potential heavy metal contamination, drinking water is becoming acidic, which is lead ing to heavy metal poisoning or toxicity. Additionally, the acidity of the water potentially erodes tooth enamel and is associated with multiple health concerns.

What are we witnessing

- Four billion people almost two thirds of the world's population experience severe water scarcity for at least one month each year.
- One in five children globally does not have enough water to meet their everyday needs.
- Women and children often travel upto 30 kilometers in for available water sources, women have less time to devote to their family's needs, resulting in social exploitation and health related consequences.
- More than 80 countries live in areas with high or extremely high water vulnerability. Eastern and Southern Africa has the highest proportion of children living in such areas, with more than half of children 58 per cent facing difficulty accessing sufficient water every day. It is followed by West and Central Africa (31 per cent), South Asia (25 per cent), and the Middle East (23 per cent). South Asia is home to the largest number of children living in areas of high or extremely high water vulnerability more than 155 million children.

Challenges ahead

- UN studies project that 30 nations will be water scarce in 2025, up from 20 in 1990.
- Half of the world's population could be living in areas facing water scarcity by as early as 2025.
- Some 700 million people could be displaced by intense water scarcity by 2030.
- By 2040, roughly 1 in 4 children worldwide will be living in areas of extremely high water stress.
- As much as 70 percent of major industries will be impacted due to water scarcities by 2030.

INNOVATION & SUSTAINABILITY

Zoss Water Products

Backed by a dedicated team of experienced water experts, Zoss Water Products helps industries, housing societies, hospitals, and allied industries meet tough effluent and water treatment challenges.

Together with our customers, we develop innovative industrial wastewater treatment systems that optimize return on investment, mitigate risks and reduce regulatory impact.

Our smart water solutions include IoT enabled analytics and predictive water management services to track and minimize your water footprint – helping you effectively manage your water use both at the facility level and across multiple sites.

Our comprehensive portfolio of advanced products, includes industrial water purification systems, hypochlorous acid generators, central reverse osmosis systems, water conditioners, alkaline water machines and air to water generators.



SOCIAL **IMPACT**

Zoss Water Products

Women and children are disproportionately affected by water scarcity, and we are committed to changing this situation.

As part of our efforts to promote micro-entrepreneurship alongwith innovation and sustainability, we also hire contract based workers, and also are working towards installing alkaline water ATMs and hypochlorous acid generator kiosks, allowing women to improve their quality of life while also earning an additional revenue stream.







As a result, we address the 14 of the 17 Sustainable Development Goals (SDGs) of the United Nations:





INDUSTRIAL WASTE WATER SOLUTIONS

System design and consultation: Effective water treatment begins with solid design. We help you design the exact solution and equipment to address your needs.

Upgradation and maintenance: Waste water treatment systems are complex, if left unattended for long, may compromise water quality. We help you upgrade and maintain your water treatment plants to ensure water safety and check on regulatory compliances.

Our technology:

Zoss Nets: Zoss nets is a new wastewater management technique which results in 30% less civil work, 40% less operational expenditures. Our systems are prefabricated and can be built in less than 30 days with lowest per KLD charges and scalability upto 200 KLD.



ZOSS NETS (STP & ETP)

Zoss Nets wastewater treatment method uses new ideas to meet a wide range of water treatment needs. Zoss Nets is a packaged effluent treatment system that doesn't require any civil works or installation time, so it can be put in place and used right away, like a water filter system. Zoss Nets works on start and stop system.

When there is effluent, treatment can begin, and when there isn't any, it can be turned off. Zoss Nets can be custom built from 2KLD onwards upto 300+ KLD based on how much throughput is needed, without the need for a technical team.

SUSTAINABLE & NATURE FRIENDLY

- EC (Electrocoagulation based).
- Minimal civil work required.
- Lesser natural additives.

FINANCIALLY & OPERATIONALLY SMARTER

- Lower costs per KLD.
- Purchase/Subscription models.
- No technical operator required.
- Custom built (2KLD 300+ KLD).



ZANOLYT - ONSITE DISINFECTANT GENERATOR

India's first, 100% organic disinfectant generator that eliminates bacteria's and viruses. Approved by an NABL lab, ideal for Hospitals, Schools, Housing Societies, Dentists, Corporates, Government offices, Ships, Vessels, Defence, facility management companies, pharma plants, warehouses, and many more industries.

The FDA has recognized the antimicrobial activity of hypochlorous acid in its Guide to Minimize Microbial Food Safety Hazards of Fresh-cut Fruits and Vegetables published in February of 2008. When used appropriately with adequate quality water, antimicrobial chemicals help minimize the potential for microbial contamination of processing water and subsequent cross contamination of the product.



On site, unlimited generation.



99.9% effective, 100% food grade.





Effective degreaser.



No gaseous emissions.



Child safe, pet safe.



FOR HOMES:

ZOSS WATER METERS & ANALYTICS

Leakage detection: SMART analytic meters are fully digital IoT meters. These are not retrofits on conventional meters (often advertised as Automated Meter Reading or AMR meters). We offer volumetric meters (magnetic pulse based) and ultrasonic meters.

App Based: Realtime data that helps you compare and choose, with bill history and unbilled usage.

Reliable: >99% accurate with ultrasonic precision meters, across our meter sizes, we can accurately measure flows from 0.1 to 600 LPM.



FOR HOMES:

ZOSS ALKALINE WATER IONIZERS

Our alkaline ionized water crafters use a smart advanced computational electrolysis technology to convert any tap water source into a alkaline functional health drink with ph levels upto 9.5 and ORP levels upto -550.

After UV and RO, alkaline ionized water is the future of drinking water because of its well documented health benefits and increased popularity.



Helps balance the pH levels.



Improves gut health.



Slows aging process.



Reduces acid reflux.



Increases your energy.



Melps balance out the negative effects of tea, coffee & hard drinks.



FOR HOMES - ZOSS TDSC

ZOSS TDSC is the revolutionary new solution that treats the water to act and feel like soft water without all the disadvantages of a traditional softener. ZOSS TDSC is a more economical, ecofriendly and effective solution that can be used without restriction in most places.

Protects skin & hair, reduces scale formations and prevents calcification in washing machines, washers etc.



No Salts.



No electricity.



No backwash required.



DIY.



1 year life.



Plug and play.



ZOSS VAYU: ATMOSPHERIC WATER GENERATORS

Healthy alkaline water from air: Zoss Vayu is a Atmospheric water generator (AWG) which uses green technology that harvests water from the humidity in the air. Providing fresh, bacteria-free, pure alkaline drinking water.

Water produced by Zoss Vayu is completely free from contaminants like pesticides and heavy metals, generally present in ground water supplied through age-old pipelines.

Environment friendly and safe for consumption, with zero wastage.



Needs no groundwater.



Solar powered.



UV+UF+ Alkaline.



Lowest cost per liter.



Easy annual maintenance.



Plug and play.



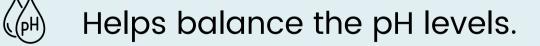
COMMERCIAL - ALKALINE WATER SUBSCRIPTION

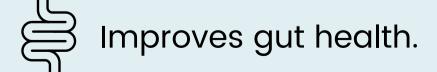
Bottled water and bottled water coolers are outdated and expensive to maintain, incurring initial purchasing, bottle replacement, and service costs. With Zoss, you get alkaline ionized water for your esteemed guests and employees, no storage hassles, no large invoices. Simply turn the tap on and drink Zoss water.

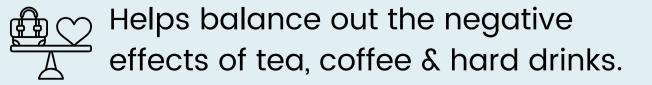


Eliminates one time use plastic bottle waste.











Unlimited production.



More savings per litre.



Reduces acid reflux.



Increases your energy.



Slows aging process.



ACCREDITATIONS & ASSOCIATIONS



Zoss water products private limited is a DPIIT (Department for Promotion of Industry and Internal Trade) recognised 'cleantech' startup.

ISO 9001: Our ISO 9001 certification means that our quality management system has been audited and reviewed by an official registrar to ensure that our systems are focused on meeting customer's expectations through certified procedures and a continual improvement process. We never waiver in our commitment to provide products that contribute to improved health and to the global environment, coupled with best-in-

class quality and customer service.

02

ISO 13485 and CE: Signifies that our quality management system demonstrates its ability to provide medical devices and related services that consistently meet consumer and regulatory requirements applicable to medical devices and related services.

ISO 9001:2015

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MARKETS

Pharmaceutical & Cosmetics.

Mining.

Healthcare.

Power.

Food & Beverage.

Municipal.

Residential Complexes.

Refineries: Upstream and Downstream.

Chemical Processing.

Pulp and Paper.

Electronics & Photo Voltaics.

Laboratories.

Metals.

Biofuels.

Automotive.

Aquaculture.



B₂B

Industrial wastewater solutions, Zanolyt, Smart analytics, alkaline water atm's,



D2C

Zoss Water Ionizers, Zoss TDSC, Zanolyt, Zoss Vayu.

FEW OF OUR CLIENTS

Brookfield















Puneet Swaroop Founder & CEO



Vijay Bhatia Projects Head



Jaychandran Sundermoorthy



Pratish Nair Cofounder & CSO



Ajay Rijhwani CTO



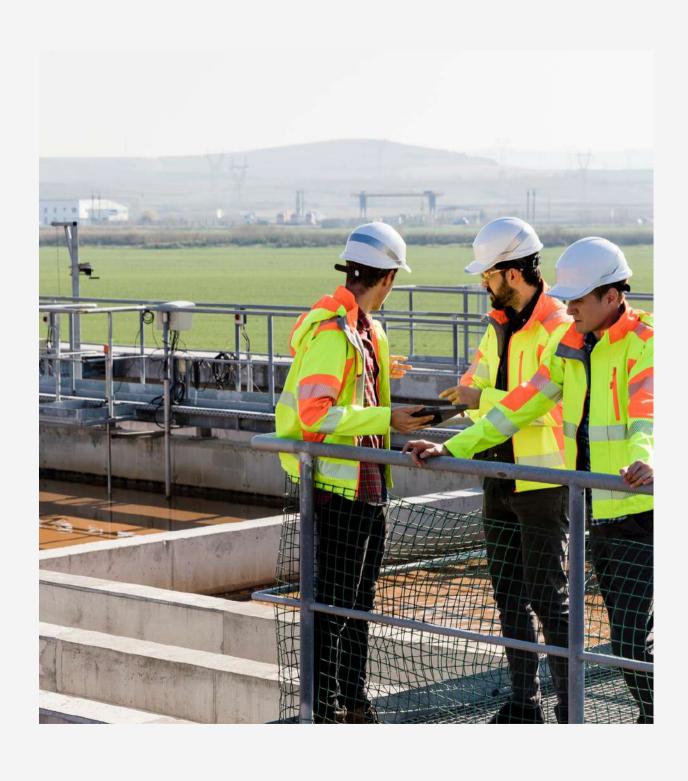
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