



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



# INNOVATIONS FOR YOU

Knowledge Partner



Administrative Staff College of India  
*Leadership through Learning*



AMRUT 2.0 STARTUP CHALLENGE





Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



**ABSOLUTE WATER PRIVATE  
LIMITED (AWPL)**

- 100% Organic Sewage Treatment Plant.
- Converts domestic sewage into clean water.
- Non-RO, no chemicals and preserves, natural vitamins and minerals.

**Name: Smita Singhal, Founder**  
**Email: govindsinghce@gmail.com**



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



ADVA ENVIRO  
SOLUTIONS PVT LTD

- Shallow aquifer recharge through rainwater harvesting.
- Restores natural and manmade water bodies and step-wells.
- Offers end-to-end services from design to execution for integrated water management

Name: Kalpana Ramesh

Email: [info@therainwaterproject.com](mailto:info@therainwaterproject.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



AGROMORPH TECHNO  
SOLUTIONS PRIVATE LIMITED

- Algal photobioreactor for wastewater treatment.
- Services include reactor design, fabrication, and algae cell bank management.

Name: Krushna Kanchan Gharat

Email: [krushna.gharat@gmail.com](mailto:krushna.gharat@gmail.com), [akanksha.agarwal@agromorph.com](mailto:akanksha.agarwal@agromorph.com)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs

Government of India



## URBAN WATER MANAGEMENT



**AGUA WIRELESS  
SYSTEMS PVT LTD**

- IoT solutions for Smart Water Management.
- Fair-usage-based billing and water quality tracking.
- They also offer leakage detection for underground pipelines and tanks.

**Name: Kanish Aggarwal**

**Email: [kanish@aguaws.com](mailto:kanish@aguaws.com)**



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



ARYAV ECOFRIENDLY  
RESOURCES PVT LTD

- Atmospheric Water Generator
- Operates without water wastage or water input.
- Machines range from 100LPD to 10000LPD, catering to the B2B market.
- Technology is innovative, patented, and eco-friendly.

Name: Sanjay Kumar Garg  
Email: [sanjay@aryaveco.com](mailto:sanjay@aryaveco.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



**AUMSAT TECHNOLOGIES**

- Satellite-based hydro-analytics for water management.
- Specialized in detecting, predicting, and forecasting leakages in pipeline networks.
- Precision-driven solutions to public utilities and irrigation departments for accurate and efficient water management.

**Name: Riddish Soni**

**Email: [cdtleoriddhish93@gmail.com](mailto:cdtleoriddhish93@gmail.com)**





Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



BARIFLO LABS

- Offers a patented flapping sediment aeration device.
- Diffuses air at the sediment level, improving dissolved oxygen levels.
- Equipped with mobile monitoring device for real-time data collection.
- Predicts critical water quality parameters for aeration and nutrient control.

Name: Mrutyunjaya Sahu  
Email: [mrityunjay.sahu@hotmail.com](mailto:mrityunjay.sahu@hotmail.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



**BHUNGRU**

- Employs scientific design technology for subsurface water storage.
- Stores rainwater or farm water in the earth's subsurface zone.
- Augments groundwater levels for various uses during lean periods.
- Facilitates domestic, agricultural, and industrial water supply.

**Name: Raja Bagchi**

**Email: [teambhungru@gmail.com](mailto:teambhungru@gmail.com)**



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN SEWERAGE MANAGEMENT

**JALODBUST™**

**CHERRIES ENGINEERING AND  
INNOVATION INDIA PVT. LTD.**

- Indigenous mechanized solutions for sludge removal and transportation.
- Designed for toilet leach pits, septic tanks, and sewer manholes.
- Provides sight, smell, and splash-free sanitation operations.
- Ensures sanitation workers' safety, dignity, and proper income.

**Name: Rakesh Kasba**

**Email: rakeshkasba@gmail.com**



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs

Government of India



## USED WATER MANAGEMENT



CLEANTECH WATER

- Automatic sewage treatment systems exceeding statutory standards.
- Focuses on decentralized small treatment plants.
- Provides advanced SBR (Sequential Batch Reactor) systems, installable in RCC underground tanks.

Name: Vipul Chavda

Email: [vipul@cleantechwater.co.in](mailto:vipul@cleantechwater.co.in)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



DBD WATER SYSTEMS  
PRIVATE LIMITED

- Cloud-based platform exclusively for water utility management.
- Multi-protocol convergent platform, vendor-independent meter hardware.
- Offers protocol-independent metering and detailed billing.
- Provides multiple payment options and dynamic analytical views for water management control.

**Name: Santosh Bendkhale**  
**Email: santosh@dbdwater.com**



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



DIGITAL ECOINNOVISION  
PRIVATE LIMITED

- A lifecycle management tool for water facilities.
- Utilizes software, sensors, and automation hardware.
- Assesses facility configuration and effluent type.
- Manages workflows automatically and recommends improvements for performance enhancement.

Name: Mansi Jain

Email: [mansi.jain@ecoinnovation.com](mailto:mansi.jain@ecoinnovation.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT

DRONA

DRONA AUTOMATIONS

- Developing a sewer pipe cleaning and inspection robot.
- Customized design for entering manholes and traveling along sewer pipes.
- Adapts size according to pipe dimensions.
- Performs cleaning tasks efficiently within sewer systems.

Name: Suraj N

Email: [suraj.wodeyar@gmail.com](mailto:suraj.wodeyar@gmail.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



**DYNAMIT INNOVATIONS  
PVT. LTD.**

- Offers two innovative water storage solutions.
- Well cum Tank and Water in Water systems are cost-effective.
- Designed for storing rainwater and potable water.
- Provide efficient and reliable water storage options.

**Name: M C DAVID**

**Email: mcdavid55@yahoo.com**





Ministry of Housing  
and Urban Affairs  
Government of India



## INNOVATION IN CONVENTIONAL TAPS AND PLUMBING SYSTEMS



EARTHFOKUS EARTHWISE  
PRIVATE LIMITED

- Provides retrofit plumbing fittings with atomization technology.
- Retrofits faucets and health faucets for efficient water usage.
- Atomization technology converts water into small droplets, covering more area.
- Reduces water consumption by 50-85%, promoting water conservation.

Name: Arun Subramanian  
Email: [info@earthfokus.com](mailto:info@earthfokus.com)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



ECODEW PURE WATER  
SOLUTIONS PVT LTD

- Offers a plug-and-play effluent treatment system.
- Utilizes compact design.
- Features state-of-the-art Hyperhelix membrane technology.
- Provides efficient wastewater treatment.

Name: Muhammed Nujoomaa  
Email: [nujoom@ecodew.solutions](mailto:nujoom@ecodew.solutions)



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT

**ECOSTP**<sup>®</sup>  
sewage to gold™

ECOSTP TECHNOLOGIES P LTD

- Offers a patented technology for decentralized sewage treatment.
- Operates self-sustainably in underground chambers.
- No need for power, chemicals, or human intervention.
- Utilizes biomimicry inspired by microorganisms and ecosystems in a cow's stomach.

**Name: Tharun Kumar**  
**Email: tharun@ecostp.com**



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN SEWERAGE MANAGEMENT



EKAM ECO SOLUTIONS  
PRIVATE LIMITED

- Designed urinal pan for women with anti-splashing contours and curves.
- Features a centrally placed dome housing a waterless mechanism.
- Ensures a one-way passage for urine flow into the drain line.
- Prevents the release of odor-causing gases for improved hygiene.

Name: Uttam banerjee  
Email: [info@ekameco.com](mailto:info@ekameco.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT

Environ\_Heal

ENVIRONHEAL RESEARCH  
INDUSTRIES OPC  
PRIVATE LIMITED

- Tackling public urination by treating sanitation wastewater.
- Recycles treated urine as flush water for improvised urinals.
- Utilizes Microbial Fuel Cell (MFC) technology for treatment.
- Repurposes manure for roadside trees and generates electricity as a byproduct.

Name: Rahul Kandpal  
Email: [environheal@gmail.com](mailto:environheal@gmail.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS

EUNOIA  
INNOVATIONS

EUNOIA INNOVATIONS  
PRIVATE LIMITED

- Developed Aqua Skimmer, a water robot for cleaning water bodies.
- Skims surface to remove floating trash including plastic and organic waste.
- Utilizes Catamaran Hull form for efficient operation.
- Operates via two platforms: Radio Controlled and Artificial Intelligence Operated.

Name: Alankar Achadian

Email: [alankar@eunoiainnovations.com](mailto:alankar@eunoiainnovations.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



EYENETAQUA SOLUTIONS  
PRIVATE LIMITED

- Offers a real-time Smart Water Supply Measurement and Monitoring System.
- Utilizes IoT-based technology for cost-effective indigenous sensing solutions.
- Provides accurate measurement and monitoring of water supply.
- Enables efficient management and conservation of water resources.

Name: Kamallesh Chaudhari  
Email: [kamallesh@iccwindia.org](mailto:kamallesh@iccwindia.org)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN SEWERAGE MANAGEMENT



**FLUID ROBOTICS**

- Offers Fluid Ai, a wastewater analytics platform.
- Integrates robotics, IoT, and artificial intelligence.
- Monitors the health of wastewater infrastructure and waterways.
- Provides insights for public and environmental management.

**Name: Nidhi Jain**

**Email: [info@fluidrobotics.com](mailto:info@fluidrobotics.com)**





Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



**FLUXGEN SUSTAINABLE  
TECHNOLOGIES**

- A Patented wireless platform, IoT-enabled water management system.
- Utilizes patented innovation for prescriptive and predictive notifications.
- Offers customizable Graphical User Interface accessible via web browser or mobile app.
- Provides insights based on water consumption patterns for efficient management.

**Name: Vasantha**

**Email: [vasanthanatesh@gmail.com](mailto:vasanthanatesh@gmail.com)**



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs

Government of India



## URBAN SEWERAGE MANAGEMENT



GENROBOTIC  
INNOVATIONS PVT LTD

- Developed a manhole cleaning robot to eliminate manual scavenging.
- Consists of two units: a stand unit and a robotic drone unit.
- The drone unit performs cleaning and unblocking operations inside the manhole.
- Safely eradicates the need for manual intervention in hazardous environments.

Name: Vimal Govind MK

Email: [directors@genrobotics.org](mailto:directors@genrobotics.org)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



GREENGINE ENVIRONMENTAL  
TECHNOLOGIES PVT LTD

- A 24 x 7 IoT-based decision support system.
- Designed for conserving water and monitoring critical water parameters in industries.
- Utilizes real-time data acquisition and analysis from various sensors.
- Monitors critical nodes within the entire industrial setup for efficient water management.

**Name: Nitin Srivastava**  
**Email: [info@greengine.co.in](mailto:info@greengine.co.in)**



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



GREENENVIRONMENT  
INNOVATION AND  
MARKETING INDIA

- Offers a 100% indigenous, cost-effective product for Indian conditions.
- Utilizes plug-and-play system for easy deployment.
- Provides AI-based real-time alerts and notifications on mobile devices.
- Compatible with multiple water quality, flow, level, energy, and pressure sensors, and can operate with Battery/Solar power.

Name: Bhagyashree Rath

Email: [bhagyashree@greenenvironmentindia.com](mailto:bhagyashree@greenenvironmentindia.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



Hygienity<sup>™</sup>

HYGIENITY SOLUTIONS  
PRIVATE LIMITED

- Developed a Nono-Coating chemical solution for surface disinfection.
- Eliminates surface contamination, bacterial accumulation, and odors.
- Utilizes preventive coating for long-lasting effectiveness.
- Provides continuous disinfection to maintain cleanliness and hygiene.

Name: Adwait Joshi

Email: [hygienity9@gmail.com](mailto:hygienity9@gmail.com)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs

Government of India



## INNOVATION IN CONVENTIONAL TAPS AND PLUMBING SYSTEMS



ILONNATI INNOVATIONS  
PRIVATE LIMITED

- Developed Smart Ideal Water Meter (SIWaM), an IoT-based smart water management solution.
- Measures and monitors water quality parameters such as pH, Total Dissolved Solids, Chlorine, Nitrate, Turbidity, Fluoride, and hardness.
- Provides comprehensive insights for efficient water management and quality control.

Name: Krishna Chalam

Email: [ceo@lloinnatiinnovations.com](mailto:ceo@lloinnatiinnovations.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT

**INDRA**  
EVERYTHING WATER.

- A pioneers decentralized treatment of domestic, commercial, and industrial wastewater at the source.
- Utilizes patented electrically driven modular technology for primary treatment with no chemicals
- Offers a broad spectrum pollution removal process, handling various pollutants including COD, BOD, heavy metals, nutrients, pathogens, and more.

INPHLOX WATER SYSTEMS

Name: Amrit Om Nayak  
Email: [amrit@indrawater.com](mailto:amrit@indrawater.com)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs

Government of India



## USED WATER MANAGEMENT



JALCONSERVE TECHNOLOGIES  
PVT LTD

- Provides on-site sustainable greywater recycling solutions.
- Treats greywater for reuse in toilet and urinal flushing, gardening, and landscaping.
- Offers a simplified treatment process with low maintenance costs.
- Suitable for community washrooms, residential homes, and commercial facilities.

Name: Abhijit Sathe

Email: [abhijit.sathe@jalsevak.in](mailto:abhijit.sathe@jalsevak.in)





Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



JALJEEVIKA INFOTECH  
PRIVATE LIMITED

- Offers solar-operated backyard recirculatory aquaculture systems.
- Provides an affordable solution for producing high-value fish.
- Creates employment opportunities and promotes micro-entrepreneurship.
- Supports livelihood development and sustainable aquaculture practices.

Name: Neelkanth Mishra  
Email: [aquatic.livelihood@gmail.com](mailto:aquatic.livelihood@gmail.com)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



**Jk** NANOSOLUTIONS

**JKN NANOSOLUTIONS  
PVT LTD**

- Offers nanotechnology-based products for rapid sewage water treatment.
- Provides a low-cost solution requiring only a single step.
- Does not require aeration for reducing COD and BOD in treated water.
- Enables efficient and effective wastewater treatment without complex processes.

**Name: Dr Kiruba Daniel**

**Email: [crossguevara@gmail.com](mailto:crossguevara@gmail.com)**



**Ministry of Housing  
and Urban Affairs**  
**Government of India**



## URBAN WATER MANAGEMENT



**KARIOT SOLUTIONS**

- An IoT-enabled intelligent gateway solution.
- Integrates with various components like flow meters, level sensors, and organic sensors.
- Provides robust, remote, and automated solutions via smart devices.
- Collects data from physical devices/sensors via the cloud, using AI for monitoring, prediction, and analysis on mobile and web dashboards.

**Name: Aravind Natarajan**  
**Email: aravind@karikala.in**



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs

Government of India



## URBAN WATER MANAGEMENT



KEPHI INNOVATIONS  
PRIVATE LIMITED

- Developing Natural Water Treatment Systems for aquaculture.
- Introducing Spirulina algae as a substitute for lime in water neutralization.
- Addresses environmental issues associated with traditional aqua farming.
- Ensures water quality meets criteria for sustainable aquaculture.

Name: Pavan Kumar Pabba

Email: [pavan.p@kephiinnovations.com](mailto:pavan.p@kephiinnovations.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



KRITSNAM TECHNOLOGIES  
PRIVATE LIMITED

- Developed the Dhaara Smart Ultrasonic Flow Meter for water governance.
- Battery-operated and tamper-proof with built-in IoT capabilities.
- Designed for long-term unattended monitoring of pipe flow.
- Ideal for remote locations to ensure continuous monitoring and management of water resources.

Name: Vinay Chataraju  
Email: [vinay@kritsnam.com](mailto:vinay@kritsnam.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



KUMBHI KAGAZ

- Addressing the issue of water hyacinth proliferation in wetlands.
- Producing fully natural, chemical-free handmade papers from water hyacinth.
- Offers an eco-friendly alternative to traditional wood pulp paper.
- Contributes to mitigating the spread of water hyacinth while promoting sustainable paper production.

**Name: Aniket Dhar**

**Email: [kumbhikagaz@gmail.com](mailto:kumbhikagaz@gmail.com)**



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



LIMELIGHTIT RESEARCH

- Developed a low-cost, highly secure, and customizable IoT hardware solutions.
- Created an indigenous electromagnetic flow meter for real-time water flow data collection.
- Enables detection of leakage and usage patterns in household and industrial settings by collecting real time data on water flow.

Name: Tarun Purohit  
Email: [info@limelightit.io](mailto:info@limelightit.io)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



LiqSure

LIQSURE

- Developed wastewater treatment systems based on cavitation principle.
- Utilizes micro-bubbles generated by pressure difference.
- Micro-bubbles grow and collapse violently, releasing energy.
- Effectively kills microorganisms and destroys organic chemicals in wastewater.

Name: Dr Sarjerao Doltade

Email: [liqsuresystems@gmail.com](mailto:liqsuresystems@gmail.com)





Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



LIVNSENSE TECHNOLOGIES  
PRIVATE LIMITED

- Developed an AI/ML-based platform for water distribution network monitoring.
- Provides real-time data analytics for utility executives.
- Identifies optimization options for network operations.
- Utilizes AI algorithms to detect and quantify water loss spatially.

Name: Avnish Kumar

Email: [kumar@livnsense.com](mailto:kumar@livnsense.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS

**NatureDots®**  
नेचरडॉट्स

NATUREDOTS

- A product-service hybrid innovation.
- Combines "Nature Intelligence x Artificial Intelligence".
- Creates digital twin of global waterscapes.
- Aims to design, de-risk, and decarbonize growth pathways for various stakeholders.

Name: Snehal Verma

Email: [snehal.verma@naturedots.com](mailto:snehal.verma@naturedots.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## WATER GOVERNANCE

naturesani®  
switch our sanitation

NATURESANI PRIVATE  
LIMITED

- Waterless, odourless urinals & commodes with hydro-mechanical technology.
- No sealant liquid required; complete water repellent tech.
- Ensures bad odour trapped in drainage system cannot pass back into restroom.
- Provides sustainable and hygienic solution for restroom facilities.

Name: Bhupathi P L

Email: [bhupathi.kotha@gmail.com](mailto:bhupathi.kotha@gmail.com)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## INNOVATION IN CONVENTIONAL TAPS AND PLUMBING SYSTEMS



NAVYONI TECHNOLOGIES  
PRIVATE LIMITED

- Economical smart sanitary solutions.
- Provides touch-less basin with smart features.
- Equips smart basin cabinet with various sensors for monitoring water & power consumption.
- Utilizes technology-driven automation for efficient water and energy management.

Name: Neeraj Dnyaneshwar Darwai

Email: [neerajdarwai115@gmail.com](mailto:neerajdarwai115@gmail.com), [saurneertechnologies@gmail.com](mailto:saurneertechnologies@gmail.com)



**Ministry of Housing  
and Urban Affairs**  
**Government of India**



## FRESH WATER SYSTEMS

**NeeRain**<sup>®</sup>  
Water for you, free for life

**NEERAIN**

- Rainwater harvesting filters.
- Operates without electricity, utilizing gravity based on the Reverse Y filtration principle.
- Ensures no water loss or stagnant impurities during rainwater harvesting.
- Provides efficient and sustainable solutions for water conservation.

**Name: Akash Varia**

**Email: [marketing.neerain@gmail.com](mailto:marketing.neerain@gmail.com)**



Pey Jal Survekshan



सत्यमेव जयते

Ministry of Housing  
and Urban Affairs

Government of India



## URBAN WATER MANAGEMENT



neerovel

NEEROVEL INNOVATIONS  
PVT LTD

- Wireless sensor for preventing water overflow and leaks.
- Utilizes Ultrasonic/LiDAR sensors for accurate tank capacity measurement.
- Transmits data securely via LoRa to dedicated servers, accessible through a mobile application.

Name: Subrahmanyam K

Email: [h2o@neerovel.com](mailto:h2o@neerovel.com)



**Ministry of Housing  
and Urban Affairs**  
**Government of India**



## USED WATER MANAGEMENT



**NEW UNNAT INDIA TECHNO  
SOLUTION AND INNOVATION  
PRIVATE LIMITED**

- Greywater recycling system for domestic use.
- Utilizes zero chemicals; four stages filtration.
- Recycled water is stored for secondary purposes like flushing or other non-potable uses.

**Name: Jitendra Singh Choudhary**  
**Email: [jchaudhry9694@gmail.com](mailto:jchaudhry9694@gmail.com)**



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## INNOVATION IN CONVENTIONAL TAPS AND PLUMBING SYSTEMS



NIMBLE VISION PVT LTD

- Smart water meter and quality monitoring system.
- Provides real-time hourly water consumption, leakage, and quality details.
- Capable of pumping water and ensuring efficient water management.

Name: Chinnayya

Email: [vaishalicmath@gmail.com](mailto:vaishalicmath@gmail.com)





Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



OPENWATER.IN

- Plug-and-play greywater treatment unit.
- Small enough to be installed under a regular kitchen sink counter.
- Complements existing home appliances by treating discarded wastewater efficiently.

**Name: Prabha Nagarajan**  
**Email: [prabha.nagarajan@openwater.in](mailto:prabha.nagarajan@openwater.in)**



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



PANTHERA CLEANTECH  
PVT LTD

- Plug-and-play greywater treatment unit.
- Small enough to be installed under a regular kitchen sink counter.
- Complements existing home appliances by treating discarded wastewater efficiently.

Name: Prasham Mehta

Email: [prasham@pantheragroup.in](mailto:prasham@pantheragroup.in)



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



PRIORA WATER SOLUTIONS  
PRIVATE LIMITED

- Vermifiltration & constructed wetland system for waste water treatment.
- Requires no external energy except for pumping.
- Provides efficient treatment without the need for chemicals or external energy sources.

Name: Revan Akhade  
Email: [priorawater@gmail.com](mailto:priorawater@gmail.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



RETAS ENVIRO  
SOLUTIONS PVT LTD

- Rainwater harvesting tank.
- Artificial recharge of rainwater to the ground.
- Made of recycled plastic, aiding in flood mitigation and ecological channel creation.

Name: Ankit Magan

Email: [ankit.magan@resplindia.com](mailto:ankit.magan@resplindia.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



REVY ENVIRONMENTAL  
SOLUTIONS PVT LTD

- Anaerobic granulated Sludge containing over 650 types of good bacteria.
- Treats wastewater for direct use in irrigation and energy recovery.
- Reduces COD/BOD levels by 1.5 times and doubles biogas yield.

Name: Rajneesh Prasad

Email: [rajneeshprasad@yahoo.com](mailto:rajneeshprasad@yahoo.com), [rajneesh.prasad@revy.co.in](mailto:rajneesh.prasad@revy.co.in)



Ministry of Housing  
and Urban Affairs  
Government of India



## WATER GOVERNANCE



SAMAHA GEOSOLUTIONS LLP

- Offers consultancy service for rainwater harvesting.
- Conducts scientific situational assessment.
- Proposes solutions to restore rainwater resources to sustainable levels.

Name: Tipu Sulthan

Email: [shaameesha@gmail.com](mailto:shaameesha@gmail.com), [samahagsk@gmail.com](mailto:samahagsk@gmail.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN SEWERAGE MANAGEMENT



SAMUDHYOGA  
WASTE CHAKRA

- Self-sustainable modular toilets (EcoFert).
- Reduces carbon and water footprint and generates valuable chemicals and water from human urine.
- Supports circular economy of sanitation by closing the loop of nutrients.

Name: Dhivakar Govindarajan  
Email: [wastechakra@gmail.com](mailto:wastechakra@gmail.com)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs

Government of India



## URBAN SEWERAGE MANAGEMENT



**SILVERYNANOS  
INNOVATIONS LLP**

- HAPITO Toilet Protector: Nanoalloy spray disinfectant for toilets.
- Facilitates easy cleaning for one month after application.
- Reduces water usage by up to 55% and eliminates harmful chemicals.

**Name: Divya Rathod**

**Email: [divyarathod21@yahoo.in](mailto:divyarathod21@yahoo.in)**





Ministry of Housing  
and Urban Affairs  
Government of India



## WATER GOVERNANCE



SMARTTERRA URBAN WATER  
MANAGEMENT PRIVATE LIMITED

- AI-powered analytics software for water utilities.
- Helps detect water loss issues using existing data like billing or SCADA data.
- Provides efficient solutions for water conservation and management.

Name: Giridharan Sengaiiah  
Email: [giridharan@smarterra.io](mailto:giridharan@smarterra.io)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



**tankerwala**

- Mobile app for on-demand water ordering.
- Aggregates water tankers and Sewage Treatment Plants nationwide.
- Provides convenient access to water resources for users.

SMARTWATER LOGISTICS AND  
SERVICES PVT LTD

Name: Shравanth Donthi  
Email: [shравanth@tankerwala.in](mailto:shравanth@tankerwala.in)



Ministry of Housing  
and Urban Affairs  
Government of India



## WATER GOVERNANCE

S  L I N A S

SOLINAS INTEGRITY  
PRIVATE LIMITED

- Robotic solutions for pipeline and sanitation industry.
- Product: Endobot, a visual inspection crawler for water and sewer pipelines.
- Identifies defects and provides condition assessment for pipelines above 70mm.

Name: Divanshu Kumar

Email: [divanshunazareth@gmail.com](mailto:divanshunazareth@gmail.com), [divanshu@solinas.in](mailto:divanshu@solinas.in)



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



SOLNCE TECHNOLOGIES  
PRIVATE LIMITED

- The system converts high TDS water into potable water using solar energy.
- Utilizes a pilot plant for the successful conversion of seawater into drinkable water.
- Demonstrates innovative approach to sustainable water treatment using renewable energy.

Name: Yash Tarwadi

Email: [yatarwadi@gmail.com](mailto:yatarwadi@gmail.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## WATER GOVERNANCE



**SRISHTI LIFESCIENCE  
PRIVATE LIMITED**

- Aims to promote sustainability and reduce plastic waste by encouraging the use of reusable bottles.
- Innovative plug-and-play compact device for point-of-use packing and repacking of locally available water.
- Incorporates IoT and AI-based water quality monitoring for assured hygiene of reusable bottles.

**Name: Prateek Patel**

**Email: [prateek@srishtilifescience.com](mailto:prateek@srishtilifescience.com)**



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs

Government of India



## HYDRO INFORMATICS - USE OF WATER + DATA



**SUPREMUS DEVELOPERS  
PRIVATE LIMITED**

- Janajal WOW is a solution that delivers safe water to households using IoT-controlled three-wheelers.
- Secured, monitored, and controlled through proprietary controllers and sensors.

**Name: Praveen Kumar**

**Email: [praveen@janajal.com](mailto:praveen@janajal.com)**



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



SUSTAINABLE LIVELIHOOD  
INITIATIVE INDIA PRIVATE  
LIMITED

- Water purifiers a solution that utilize Graphene and solar cells from e-waste for water purification.
- Operates without moving parts or membranes, and without external energy.
- Purifies water for at least ten years with a massive volume capacity of 150,000 liters without maintenance.

Name: Vardan Rathi

Email: rathivardan@gmail.com



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



SUSTAINABLE WATER  
TECHNOLOGIES

- Floating Treatment Wetlands to restore and beautify water bodies.
- Utilizes wetland plant species for water treatment, similar to those used in planted gravel filters at sewage treatment plants (STPs).
- Provides natural and sustainable solution for water body restoration without the use of chemicals.

Name: Priyanshu Kumath

Email: [priyanshu@clean-water.co.in](mailto:priyanshu@clean-water.co.in)





Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



SYNTHERA BIOMEDICAL  
PVT LTD

- Antimicrobial bioactive glass material for water and wastewater treatment.
- Replaces chlorine-based compounds in treatment systems.
- Offers environmentally friendly solution without the use of chemicals.

Name: Nilay Jayant Lakhkar  
Email: [nilay@synthera.in](mailto:nilay@synthera.in)



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



TARALTEC SOLUTIONS  
PVT LTD

- Developed a device for retrofitting sewage water systems to break down organic molecules and kill microbes.
- Compact and environmentally friendly solution that works instantly.
- Utilizes cavitation bubbles to create shockwaves for microbial eradication and organic molecule breakdown, reducing BOD.

Name: Anjan Mukherjee  
Email: [ac.mukherjee@gmail.com](mailto:ac.mukherjee@gmail.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



TECHXCL INDIA  
PRIVATE LIMITED

- IoT device equipped with sensors for monitoring water parameters like turbidity, pH, and temperature.
- System intelligently senses flowing water to trigger parameter collection process.

Name: Chintamani Shirodkar  
Email: [techxcl.india@gmail.com](mailto:techxcl.india@gmail.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



THALES CLEANTECH

- Atmospheric Moisture Extraction (AME) system for clean water.
- Utilizes proprietary STAME technology with minimal moving parts for longevity and low operating costs.
- Ensures a minimum 20 years of life with negligible operating costs.

Name: Jennifer

Email: [thalescleantech@gmail.com](mailto:thalescleantech@gmail.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



TRANS WATER  
SYSTEM PVT LTD

- Developed BOSON a white water system solution to recover potable water from partially treated wastewater produced in existing Sewage Treatment Plants.
- Enhances water sustainability by repurposing treated wastewater into clean, drinkable water.

Name: Vikas Brahmavar  
Email: [vikas@transwaters.com](mailto:vikas@transwaters.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



URDHVAM ENVIRONMENTAL  
TECHNOLOGIES PVT LTD

- A solution called BoreCharger is a shallow aquifer recharge through rainwater harvesting.
- Conducts "Angiography" of borewells using an underwater camera system for assessment.
- Performs "Angioplasty" of existing borewell casing pipes using a Robotic Tool to revive failed or low yielding borewells.

Name: Rahul Suresh Bakare

Email: rahul@urdhvam.com



Ministry of Housing  
and Urban Affairs  
Government of India



## INNOVATION IN CONVENTIONAL TAPS AND PLUMBING SYSTEM



USHVA CLEAN  
TECHNOLOGY PVT LTD

- A next-generation Industry 4.0 IoT edge device product.
- Compatible with all kind of water related equipments.
- Remote data control equipped with device management & analytics on their software dashboard "flowlinc.io."

Name: Ashutosh Kumar  
Email: ashutosh@ushva.com



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



VAIDIC SRIJAN LLP

- Cownomics® Technology which is a Vedic Science based approach for “IN-SITU” Rejuvenation & Restoration of Waterbodies & Wetlands through “Resurrection of the Native Ecology”.
- It is a sustainable, result-oriented, nature-based indigenous technology
- Focus is to “consume & digest” the contamination in the aquatic food chain, instead of the traditional approach of “segregate & collect”.

**Name: Madhukar Swayambhu**  
**Email: [mswayambhu@gmail.com](mailto:mswayambhu@gmail.com)**





Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



VAYUJAL TECHNOLOGIES  
PVT LTD

- Atmospheric Water Generators with bio-inspired surfaces for condensation.
- Utilizes a seven-stage water filtration system for consistent water quality.
- Provides water at 0.27 kWh/liter for drinking and other purposes.

Name: Ramesh Kumar Soni  
Email: rameshsoni2100@gmail.com



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## AGRICULTURAL WATER MANAGEMENT



City Greens

VERTICAL FARMING  
TECHNOLOGIES PVT LTD

- Precise agriculture-based irrigation system for protected cultivation and open field agriculture.
- Utilizes sensor-based data to detect irrigation needs and automate the process.
- Links irrigation cycles to vapor pressure deficit to optimize water usage.

Name: Gaurav Narang  
Email: [gaurav@citygreens.in](mailto:gaurav@citygreens.in)



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS

WaterLab

WATERLAB SOLUTIONS  
PRIVATE LTD

- Developed Bhujal an android-based Borewell Monitoring App solution
- Utilizes sonar technology to detect water levels in borewells/boreholes.
- User-friendly and multi-lingual, providing easy access to water level data.

Name: Vijay Gawade

Email: [waterlabindia@gmail.com](mailto:waterlabindia@gmail.com)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs

Government of India



## URBAN WATER MANAGEMENT



WEGOT UTILITY SOLUTIONS  
PVT LTD

- Implements a water source management system to track water flow and quantity entering a property.
- Prevents pilferage, theft, and leakage by monitoring water usage and quality at the source.
- Optimizes water usage based on demand, availability, cost, and quality criteria.

Name: Abilash Haridass

Email: [abilash@wegot.in](mailto:abilash@wegot.in), [khusboo@wegot.in](mailto:khusboo@wegot.in)



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



ARMSFORAI

- 3-D mapping of aquifers, aided by AI for depth calculation and spatial data analysis.
- Offers solutions for irrigation water conservation, surface water management, and groundwater potential assessment.
- Capable of measuring parameters like Chlorophyll A, Turbidity, and Dissolved Oxygen (DO)

Name: Jagriti Dabas

Email: [jagriti.dabas@gmail.com](mailto:jagriti.dabas@gmail.com)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



FOUNTLAB SOLUTIONS  
PRIVATE LIMITED

- Real time surface Water Quality Monitoring System for physical, chemical, and biological parameters of surface water bodies.
- Utilizes multiple sensors connected to cloud services for continuous 24/7 monitoring.
- Can be powered by solar energy and connected through ethernet, internet, or wifi for seamless operation

**Name: Ankit Gupta**

**Email: [ankit.gupta@fountlab.io](mailto:ankit.gupta@fountlab.io)**



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



**AUMSAT  
TECHNOLOGIES LLP**

- Real-time spatial-temporal mapping system for groundwater levels/volumes in aquifers and surface water bodies.
- High precision detection at 75% reduced cost, with remotely accessible analytics of various groundwater aspects.
- Interoperable technology compatible with existing SCADA systems, offering analytics in Satellite View, Street View, Radar View, and 3-D View.

**Name: Riddhish Soni**

**Email: [teamaumsat@gmail.com](mailto:teamaumsat@gmail.com), [rcsoni93@mail.ru](mailto:rcsoni93@mail.ru)**



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



GEO CLIMATE  
RISK SOLUTIONS

- Lake health monitoring system using indicators like water area, quality, and degradation status.
- It assesses recovery potential and provides restoration plans based on real-time data.
- LAMAS aids in effective lake management by offering continuous monitoring and actionable insights.

Name: Prasad Babu

Email: [prasadg.iitk@gmail.com](mailto:prasadg.iitk@gmail.com)





Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



VERTOX LABS

- Advanced in-house sensors and mobile devices for real-time water quality monitoring.
- Utilizes LORA-based online system for continuous monitoring and data collection.
- Capable of generating datasets for integration with satellite technology for comprehensive analysis.

**Name: Salomi Dabral**

**Email: [salomi@vertoxlabs.com](mailto:salomi@vertoxlabs.com)**



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs

Government of India



## URBAN WATER MANAGEMENT



FACLON LABS PVT LTD

- Remote monitoring and automation solutions for water supply departments.
- Faclon devices transmit sensor data to cloud servers for advanced analytics.
- Provides actionable insights for intelligent decision-making in real-time.

Name: Archit Naraniwal

Email: [archit.naraniwal@faclon.com](mailto:archit.naraniwal@faclon.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT

**PARYAAVARNEER**  
ENGINEERS & CONSULTANTS PRIVATE LIMITED

**PARYAAVARNEER ENGINEERS  
AND CONSULTANTS  
PRIVATE LIMITED**

- Integration of Environmental Engineering principles with IIoT platform for STP operation.
- Enables efficient remote operation without manual interventions.
- Facilitates predictive maintenance by tracking equipment health for proactive issue resolution.

**Name: Arjun R**

**Email: arjunr.mys@gmail.com**



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT

The logo for Bayesian Ways, featuring a stylized blue 'B' icon followed by the text 'BAYESIAN WAYS' in bold black letters.

**BAYESIAN  
WAYS**

**BAYESIAN WAYS**

- Operational data collection and equipment monitoring system for water supply.
- Data storage and analytical engine.
- Energy analytics leveraging machine learning for improved efficiency.

**Name: Rajesh Pillai**

**Email: [rajesh@bayesian.in](mailto:rajesh@bayesian.in)**



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



ARION TECHSOL  
PVT. LTD.

- Smart sensors and dashboards for real-time water level monitoring in ESR/GSR.
- Real-time measurement of TDS and pH using sensors.
- Smart pump and flow monitoring devices for efficient water management.

Name: Devan Kumar Chheda  
Email: [dc@ariontechsol.com](mailto:dc@ariontechsol.com)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs

Government of India



## URBAN WATER MANAGEMENT



WENALYTICS IOT  
SOLUTIONS PVT LTD

- IoT-based monitoring system for water service standards.
- IoT-based monitoring for public and community washrooms.
- Central dashboard for municipal authorities to oversee public wash facilities.

Name: Desu Sunil Manohar

Email: [sunilmanohar9@gmail.com](mailto:sunilmanohar9@gmail.com)



**Ministry of Housing  
and Urban Affairs**  
Government of India



## USED WATER MANAGEMENT



**GREYEAST TECHNOLOGIES**

- SewoClean: Bioremediation cocktail solution for sewage and harmful chemicals.
- In-situ dosing solution for nallah, ponds, STPs, and ETPs.
- Removes foul smell and reduces effluent COD without additional infrastructure or supplement chemicals.

**Name: Atharva Patankar**

**Email: [aspa@greyeast.in](mailto:aspa@greyeast.in)**



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



SUKRITI SOCIAL  
FOUNDATION

- Black water treatment system.
- Prefabricated box-like structure treats sewage using biological and chemical processes to meet government guidelines.

Name: Aditya Tomar

Email: [aditya.tomar@sukriti.ngo](mailto:aditya.tomar@sukriti.ngo)





Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



MEGALITER VARUNAA

- "Urban Saas Model" (STP as A Service): Offers STP as a service under OpEx model.
- Revives defunct STPs through CapEx investment and deploys O&M.
- Charges monthly fee to manage used water in communities/commercial establishments.

Name: Vishal Murarka

Email: [vishal.murarka@bankabio.com](mailto:vishal.murarka@bankabio.com)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



**ENVIROCHEM SERVICES  
OPC PRIVATE LIMITED**

- Smart Resource Recovery System (biological treatment) for used water management.
- Recovers carbon and nutrients through photo and dark processes.
- Groundwater recharge system quantifies real-time recharged water quantity and conducts qualitative analysis of pH and TDS, aiming for a net zero water system.

**Name: KD Sameer**

**Email: [servicesenvirochem@gmail.com](mailto:servicesenvirochem@gmail.com)**



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



GRACE GREEN  
INFRA PVT LTD

- Pond remediation and rejuvenation using nanotechnology.
- Efficient oxidation and floatation processes break down organic compounds.
- Nanobubbles increase dissolved oxygen levels in the water body.

Name: Ankit Thakur

Email: [ankit@gracegreeninfra.com](mailto:ankit@gracegreeninfra.com)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN SEWERAGE MANAGEMENT

arcRobotics®  
brings you ahead.

**AROCROBOTICS  
DRIBLET PVT. LTD.**

- Sewer monitoring and cleaning system using advanced technology.
- Krait robot designed for sewer cleaning, forecasting, and monitoring.
- Contributes to modernizing waste processing in cities.

**Name: Shubham Vishvakerma**

**Email: sbm.sjr11@gmail.com**



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



**SAVTOA**

SAVTOA SOFTWARE  
TECHNOLOGY PVT. LTD.

- Driverless boat equipped with water quality and bathymetric sensor for water monitoring.
- Programmed for temporal water volume, depth, and quality data collection.
- Enables faster, accurate, and cost-effective data acquisition, avoiding human errors.

**Name: Barker Bhaskaran**

**Email: [barker.bhaskaran@gmail.com](mailto:barker.bhaskaran@gmail.com)**



Ministry of Housing  
and Urban Affairs  
Government of India



## FRESH WATER SYSTEMS



EYENET

- Indigenous amperometry Arsenic (As<sub>3</sub><sup>+</sup>) sensing technology.
- Based on a thin carbon film for highly selective sensing of arsenic in groundwater.
- Enables low-cost IoT-based online monitoring of arsenic contamination.

Name: Dr. Kamalesh

Email: [eyenetaquasolutions@gmail.com](mailto:eyenetaquasolutions@gmail.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT

USHVA

USHVA CLEAN  
TECHNOLOGY PVT LTD.

- Automated valve controls and unified dashboard to facilitate efficient water management.
- Aims to reduce non-revenue water and optimize water usage sustainably
- Smart prepaid water solution enables real-time flow rate measurement and totalizer tracking.

Name: Ashutosh Kumar  
Email: [ashutosh@ushva.com](mailto:ashutosh@ushva.com)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs

Government of India



## URBAN WATER MANAGEMENT



AVAN TECH  
INNOVATION

- Electro-mechanical device designed as a one-stop solution to replace traditional water level controllers.
- Utilizes a unique product design incorporating electro-mechanical components along with a starter.

**Name: Boyina Anusha**  
**Email: [avantechinno@gmail.com](mailto:avantechinno@gmail.com)**





Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



SHUVONEEL RAS SYSTEM  
PRIVATE LIMITED

- Recirculatory Aquaculture Systems using nano aquaculture technology.
- Designed to optimize space utilization, it can be installed in various water bodies such as ponds, lakes, or tanks.
- Aims to establish a complete value chain for aquaculture, providing sustainable solutions for water treatment and aquaculture production.

Name: Suvo Sircar  
Email: [suv.sorcar@gmail.com](mailto:suv.sorcar@gmail.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



NEEROVEL INNOVATIONS  
PVT LTD

- AI-IoT platform offers real-time monitoring of water quality, providing alerts for anomalies and purification recommendations.
- The platform delivers water quality forecasts, enabling proactive measures to ensure safety and for effective and convenient water quality management.

Name: Subrahmanyam Kosuri

Email: [skosuri@neerovel.com](mailto:skosuri@neerovel.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



SQUAS SOLUTIONS OPC  
PRIVATE LIMITED

- Mobile water treatment unit for wastewater treatment and grey water recycling.
- Achieved significant reductions in BOD/COD, turbidity, SS, N-Hexane, and heavy metals.
- Provides a comprehensive one-stop solution for domestic and industrial wastewater treatment needs.

Name: Hareesh Nambiar  
Email: [hareeshnambiar@gmail.com](mailto:hareeshnambiar@gmail.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN WATER MANAGEMENT



PRAYAGA SCIENTIFIC  
LABRATOIRES PVT LTD

- Water Quality Contamination Test utilizes an antibody-based ELISA for detecting gram-negative bacteria in water samples.
- Enables efficient detection of water quality and contamination, providing valuable insights for water management.

Name: Sudhirdas Prayaga

Email: [sudhir@PrayagaScientific.com](mailto:sudhir@PrayagaScientific.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



HUMUS BIOSYSTEMS LLP

- Earthworm Bio-reactor is an onsite non-chemical used water treatment
- Integration of IoT enhances the efficiency of this nature-based system for nutrient removal at a low cost.
- Provides a sustainable solution for converting domestic sewage into clean water without the use of chemicals, preserving natural vitamins and minerals.

Name: Vasanth Ramesh

Email: [vasanth@humusbiosystems.in](mailto:vasanth@humusbiosystems.in)



Pey Jal Survekshan



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



COFBA NETWORKS LLP

- Micro STPs manage liquid waste by collecting toilet and kitchen waste in a tank.
- Ecohealth solution is added to the collected water, facilitating solid waste settlement within a conical-shaped tank.
- Clean water is obtained from the top layer after solid waste settles, providing chemical-free, nutrient-rich water suitable for garden maintenance

**Name: Subeesh S**

**Email: [subeesh@gmail.com](mailto:subeesh@gmail.com)**



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



CLIMATE CARE  
VENTURE LLP

- Plankton - utilization of moringa seed cake powder as coagulant in wastewater treatment.  
Technologies to maximise recycling of used water in industries and creating a circular economy.
- The efficiency of biological treatment in CETP, ETP and STP is enhanced because of this technology

**Name: Srikanth Raghavachari**  
**Email: rsrikanth60@gmail.com**



Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT



RUDHRA SOLAR AND  
AQUA INDIA PVT. LTD.

- Developed a Resource Recovery Plant (RRP).  
Resource recovery from industrial hazardous waste.
- Reduction or complete elimination of hazardous wastes.
- Retrieval of clean, usable solvents from waste products.

Name: Raghavendra Bhat

Email: [rbhat@rudhraindustries.com](mailto:rbhat@rudhraindustries.com)





Ministry of Housing  
and Urban Affairs  
Government of India



## USED WATER MANAGEMENT

ABCONS INFRA LLP

ABCONS INFRA LLP

- Nature based solution for treatment of water lake/STP/ETP/WWTP using phytoremediation technology.
- Adding nano nutrients in the lake water helps the growth of Diatom algae under the water.
- This algae produces plenty of 100% pure nano bubbles of oxygen under water by photosynthesis.

Name: Abhilash Tiwari

Email: [abconsinfrallp@gmail.com](mailto:abconsinfrallp@gmail.com)



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN SEWERAGE MANAGEMENT



SAUR NEER  
TECHNOLOGIES

- Smart urinal flush unit with hands-free technology.
- It detects human heat signature and flushes water at pulsating intervals thus uses only  $\frac{1}{4}$  of water required for conventional systems.
- Energy efficient. Suitable for public toilets which are mostly not well lit in India

Name: Neeraj Darwai

Email: saurneertechnologies@gmail.com



Ministry of Housing  
and Urban Affairs  
Government of India



## URBAN SEWERAGE MANAGEMENT



**OXYBEE SOLUTIONS**

- Better sewage and septage management including- on-site sanitation for slums.
- A special aeration aqua blaster crushes the organic substances and activates perfect aerobic respiration metabolism.
- The innovation would solve the problem of foul smell and sludge.
- Patented aqua blaster lift the water and mix it with air @100 km/hr.
- The capacity of the aeration tank will be increased by 20% using the innovation without any civil structure

**Name: Pooja Singh**

**Email: [govt.tender@oxybeesolutions.com](mailto:govt.tender@oxybeesolutions.com)**







**Administrative Staff College of India (ASCI)**

Bella Vista, Raj Bhawan Road, Hyderabad - 500 082

Phone: 040-66534221, Fax: 040 - 23316211

Website: [www.washinnovationhub.in](http://www.washinnovationhub.in)

E-mail: [ceowih@asci.org.in](mailto:ceowih@asci.org.in)

 WASH Innovation Hub

 @WASH\_innovation

 [washinnovationhub](https://www.instagram.com/washinnovationhub)

**Prof. Srinivas Chary Vedala**

Director - CEUG&ID

CEO - WASH Innovation Hub (WIH)

ASCI

E-mail: [schary@asci.org.in](mailto:schary@asci.org.in)