

OUR STRENGTHS

EXPERTISE

Managed by Environmental Care Professionals with collective experience of 15 years



GREEN TECHNOLOGIES

Eco-friendly solutions for sewage treatment and water body restoration



COST ADVANTAGE

World class consultation for water bodies (Repair, Restore, Renovate) and advanced applications for waste water treatment services – all available at affordable cost



OUR TEAM




DAKSHAYANI S DALAVAI

FOUNDER, MANAGING DIRECTOR

Recipient of National Award for Bio-STP Technology

 Admin Staff

 Service Supervisors

 Manufacturing Supervisors  Site Supervisors
 Site Workers

PRATIKS ENVIRO SOLUTIONS



Water and Waste Water Treatment and Management Specialists

Pratik Enviro Solutions (PES) offers customized environmental services guiding clients to choose the right way to treat fresh water, waste water and water bodies using cost effective and environmentally friendly technologies.

Our mission is to make our environment a better place by helping individuals, apartments, communities and, industries manage and conserve water and to help improve ground water level and water quality by rejuvenation of water bodies.

The design and use of proper waste water and waste management systems using green technology is the future to solve the issues of burning lakes and soil contamination in urban areas. Our solutions are not just environment friendly, but proven to be cost effective in the long run. Our Bio-STP not just meets the pollution control board norms of the state, but needs no electricity to run and does not need maintenance (only bio tablets dosage) unlike conventional STP leading to huge cost savings. Our Bio-Sewage treatment plant installed at Chennai Metro Rail has been operational for the past 2 years resulting in efficient waste water recycling and huge savings.

The testimonials given by our clients showcases not only their enthusiastic comments about our solutions but also highlights the difference that our solutions have made to their individual house/business and to the environment as such.

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OUR SERVICES

Residential Units and Commercial



We have installed Bio-Septic tanks and Bio STP's for individual houses and as well as apartment complexes in and around Chennai. We have expanded to the IT Hub Bengaluru in 2019 with installations at Deeksha College and Shanti Niketan School.

- Bio Septic Tank
- Bio Sewage Treatment Plant
- Bio Grey Water Recycling Plant
- Rain Water Harvesting
- Consultation for Water Management (Survey, Groundwater Quality Assessment, Water Treatment :RO/Softener/Iron Removal etc)

Industries



We have designed and installed Effluent Treatment Plants (ETP) for Manufacturing, Chemical and Process Industries. We installed bio-toilets and bio sewage system for several big and small companies in Chennai.

- Effluent Treatment Plants (ETP) for Manufacturing, Chemical & Process industries
- Bio-Sewage Plants /Bio-Toilets
- Grey water management
- Consultation services -assessment of the let out water quality, identifying and filtering pollutants

Community Based



We have been called and referred by lake enthusiasts, NGO's, other organizations and authorities for the Bio remediation of polluted water bodies (lakes and temple ponds) in Tamilnadu

- Madipakkam Lake, Chennai - covered by the Press
- Thiruvannamalai Lake Rejuvenation
- Kabaleeswarar Temple Pond, Chennai - covered by the Press
- Parthasarathy Temple Pond, Chennai



BIO STP

Anaerobic digestion is a collection of processes by which microorganisms break down biodegradable material in the absence of oxygen. The process is used for industrial or domestic purpose to treat waste water.

- Does not require electricity to treat waste water
- Highly cost effective
- No manpower required to manage the plant.
- One time investment with minimum maintenance
- Meets the Pollution Control Board Norms of Ph, BOD and COD etc.



PRODUCTS & SOLUTIONS



BIO DIGESTERS, BIO SEPTIC TANK

Specialized in septic tank waste water treatment and disposal onsite by using bio soil remediation method.

- Least expensive, least complicated and long lasting.
- Treats the waste and disposes onsite avoiding frequent lorry pump-out.

TALK TO US

044 79659112
+91 95512 61154
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pratiksenvirosolutions@gmail.com



WATER MANAGEMENT IN COMMUNITIES & CORPORATES

Ground water quantity and quality of water check using scientific hydrogeological survey and identification of high water recharging zones to create deep aquifers for rainwater / treated waste water recharging zones in the earth upto 500 ft depth.

STP/ETP



Sewage Treatment Plant (STP) designed to treat domestic sewage for both apartments & industries using various technologies (MBBR/SBR/Electro Coagulation/Bio Soil remediation etc)

Effluent treatment Plant (ETP) designed to purify industrial waste water for its reuse Releases safe water to environment removing the harmful effect caused by the effluent.



GREY WATER TREATMENT

- House hold water waste water collected from sink, showers and washing machines treated using bio culture and after gravity filtration
- Saves 70-80% of water
- permanent, cost effective, eco-friendly method

Hydro Geological Survey up to 500 feet depth by using imported advanced equipments



ASSESSMENT OF GROUND WATER AVAILABILITY

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WATER TEST LAB



ISO certified water test laboratory to test ground water, waste water and drinking water etc.

DM PLANT



DM Water treatment is used in industries for various applications involving steam, power, process, and cooling needs.

BIO REMEDIATION OF WATER BODIES



- Dosage of microorganisms that degrade the desired contaminant at a quicker rate (bioaugmentation)
- Reduces pollutant levels to undetectable, nontoxic, or an acceptable level and increases oxygen levels
- After treating sewage and installing filters the restored water body handed over to authorities.

RO PLANT



- Reverse osmosis (RO) water purification technology
- Iron Remover for removal of excess Iron
- Softener Plant to remove excess hardness in the water

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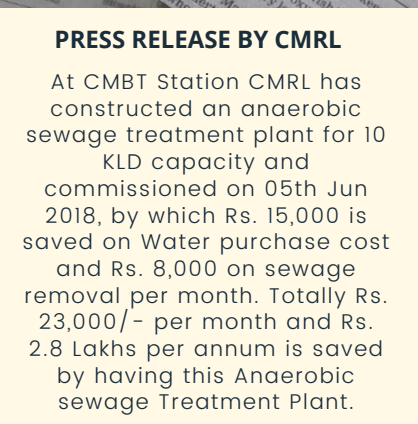
TESTIMONIALS

THIS IS WHY WE DO WHAT WE DO!



MADIPAKKAM LAKE RESTORATION BY PRESS

CHENNAI: Normalcy has been restored at the Madipakkam Lake which has been witnessing fish deaths for the last three days. Managing trustee of Pratik Enviro Foundation said "We, along with corporation personnel, cleaned up the water and sprinkled oxygen granules"



PRESS RELEASE BY CMRL

At CMBT Station CMRL has constructed an anaerobic sewage treatment plant for 10 KLD capacity and commissioned on 05th Jun 2018, by which Rs. 15,000 is saved on Water purchase cost and Rs. 8,000 on sewage removal per month. Totally Rs. 23,000/- per month and Rs. 2.8 Lakhs per annum is saved by having this Anaerobic sewage Treatment Plant.



KAPALEESWARAR TEMPLE POND AFTER BIO REMEDIATION



PARTHASARATHY TEMPLE POND AFTER BIO REMEDIATION

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