

**WE SPECIALIZE IN WATER &
WASTEWATER TREATMENT AND
DESIGN CONSULTANCY**

ETP, STP, UF-RO, MEE, ZLD



GENESIS ENVIROMAN PVT LTD

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ABOUT US

WHO WE ARE

- ▶ We are team of committed engineers and professionals to provide you the complete peace of mind when it comes to issue of treating wastewater and water management.
- ▶ We have capabilities to undertake turnkey project from concept to commissioning of any challenging projects related to water and wastewater treatment.

OUR VISION

To treat water and wastewater differently with phenomenal efficiency to give you complete peace of mind

OUR MISSION

To be the preferred provider of efficient and cost effective solutions to the water and wastewater treatment.

OUR VALUES

Growth with Integrity

WHY WE ARE DIFFERENT

- ▶ Our own workshop gives us competitive and comparative advantage to produce quality inputs and output in time
- ▶ Committed with integrity to build long term relationship with our clients through quality output
- ▶ Customised research oriented technical focus on each plant
- ▶ We talk of technology, long terms benefits, quality and prompt after-sales services more than the price

SAVE WATER
SAVE FUTURE

ACCREDITATIONS



Awards & Honors



INDUSTRIAL REVERSE OSMOSIS PLANT

RO Plant



STANDARD FEATURES

- TFC spiral bound membranes
- FRP membrane housing
- Thin film composite membranes
- Powder coated steel frame
- Heavy duty PVC pipings
- Automatic flush
- 5 micron cartridge prefilter
- Product water flow meter
- Level control on/off

INDUSTRIAL RO SYSTEMS: 05 KLD TO 1000 KLD

Reverse osmosis is a process/technology in which dissolved inorganic solids such as salts, impurities such as lead, pesticides, chlorine, sugars, nitrates, sulfates and bacterial contaminants are removed effectively.

The GERO series is a complete multi filtration water treatment system mounted on one skid. Manufactured by the highest quality components, all systems are designed to provide reliable, trouble free and sustained performance.

MEMBRANE SEPARATION PLANTS

Membrane separation is a safe, efficient and cost-effective process of water filtration and environment-friendly purification with a minimal use of chemicals. These plants employ various semi-permeable membranes that effectively remove solids, bacteria, and other impurities.



- **Ultra Filtration Plants (UF)**
- **Nano Filtration Plants (NF)**

SEWAGE TREATMENT PLANT (STP)

MBBR, MBR, SBR, GREEN STP



SEWAGE TREATMENT PLANT

We design, fabricate, erect and commission packaged prefabricated Sewage Treatment Plant (STP) with various technologies for treating sewage generated by residential set up within industries, large colonies, Hotels, Hospitals, IT Parks and commercial buildings. Our MBBR plants use specifically cultured bacteria on high surface through floating media and reduces the organic load by more than 90%.

The treated water can be used for gardening, floor washing, toilet flushing or disposal. It is available in sizes 5 KLD to 250 KLD.

Bigger sized STP are designed in civil works with customized approach.

EFFLUENT TREATMENT PLANT (ETP)



EFFLUENT TREATMENT PLANT

As your partner to corporate commitment to protect environment, we offer technically and economically efficient solutions to treat the industrial waste water of any types and level of impurities

We offer packaged ETP with nitrification & de-nitrification.

The choice of treatment stage comprises of physio chemical treatment, anoxic bio-reactor, fluidized bed aerobic bio-reactor (FAB) and other advanced wastewater treatment strategies for recovery, reuse and recycling

DESIGN ENGINEERING CONSULTANCY SERVICES FOR WATER & WASTEWATER TREATMENT AND MANAGEMENT



OUR SERVICES INCLUDE:

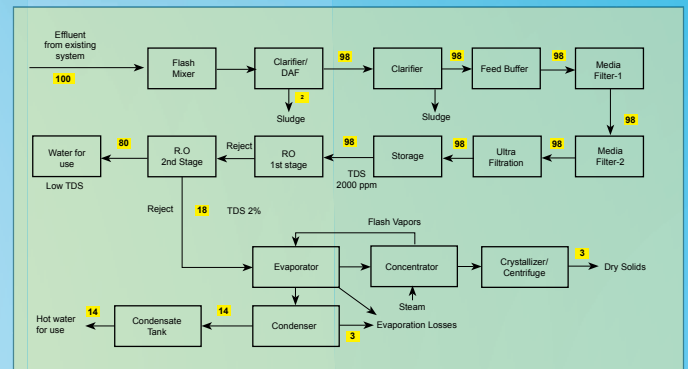
- Preparation of Techno-economic Feasibility, Design & Engineering, Project Report, RFQ Documents
- Recycle & Reuse of treated Waste water Effluent for non-potable as well as for process applications as ZLD scheme
- Water & Wastewater Treatment Plants: Basic and Detailed Design & Engineering
- Value engineering – providing cost effective and energy optimized designs

ZERO LIQUID DISCHARGE



FEATURES

- Process design and development
- Zero Liquid Discharge System which includes ETP/STP, UF-RO, Multi Effect Evaporator and ATFD
- Distillation Column for solvent recovery
- Agitated Thin Film Dryer (ATFD) for drying of product
- Evaporator for concentration of product



SOME OF OUR CLIENTS



WHAT WE DO (Water & Wastewater Recycling)

SUPPLY OF:

- ✓ SEWAGE TREATMENT PLANT (STP) (MBBR)
- ✓ SBR BASED SEWAGE TREATMENT PLANT
- ✓ MEMBRANE BIOREACTOR (MBR)
- ✓ GREEN STP (CAPSULE FRP & PLANT BASED)
- ✓ ELECTROCOAGULATION
- ✓ INDUSTRIAL REVERSE OSMOSIS PLANT (RO)
- ✓ DESIGN ENGINEERING CONSULTANCY SERVICES
- ✓ EFFLUENT TREATMENT PLANT (ETP)
- ✓ ZERO LIQUID DISCHARGE (ZLD)
- ✓ MULTIEFFECT EVAPORATOR (MEE)
- ✓ MEMBRANE FILTRATION PLANTS (UF,NF,RO)
- ✓ ONLINE REAL TIME EFFLUENT MONITORING SYSTEM

WHY WE GENESIS:

- ✓ COMMITMENT & INTEGRITY
- ✓ EXPERIENCED MANPOWER
- ✓ OWN TECHNICAL WORKSHOP
- ✓ CUSTOMISED FOCUS
- ✓ COMPETITIVE PRICE
- ✓ ODOR FREE DESIGN
- ✓ CLEARN LOOK APPROACH
- ✓ QUALITY INPUTS
- ✓ LESS O&M COSTS

SECTORS WE SERVE:

- ✓ TEXTILE AND TANNERIES
- ✓ METALS & ELECTROPLATING
- ✓ FOOD & BEVERAGES
- ✓ PHARMACEUTICALS
- ✓ AUTOMOBILES
- ✓ PAPER PULP AND CHEMICALS
- ✓ HOSPITALS
- ✓ CITIES & TOWNSHIP
- ✓ HOTELS & RESORTS

