

TRUSTED PARTNER IN WASTE WATER EXCELLENCE



Enzymatic
Enviro Care & Tech

*Treating Today
Thriving Tomorrow*

ABOUT US

We're Enzymatic Enviro Care & Tech. We are the leading water treatment company in India, and we provide A-Z solutions to ETP and STP through advanced technology.

We specialize in wastewater treatment technologies and solutions. With a strong background in environmental engineering and practical experience in designing, implementing, and managing wastewater treatment systems, I am committed to promoting sustainable water management practices.



Wastewater treatment plays a crucial role in protecting public health and the environment by effectively removing contaminants and ensuring the safe reuse or discharge of treated water. I am keen to collaborate and contribute my knowledge in this vital field.

We specialize in the production of a wide range of wastewater treatment products. Our core products and services are detailed below.



ENZYMO-CULT

Enzymo - Cult is a specialized microbial culture designed to enhance the biological treatment process in wastewater systems. It accelerates the breakdown of organic pollutants, reduces sludge formation, and improves nutrient removal efficiency, resulting in cleaner and safer treated water.

"ENZYMO - CULT" WILL

- ◆ Enhances COD/BOD removal with improvement in sludge settlement.
- ◆ Energy saving potential up to 30%.
- ◆ Improves quality of tertiary treatment.
- ◆ Changes biomass dynamics.
- ◆ Up to 95% BOD reduction & 80% of COD reduction and SS industrial wastewater treatment effluent.
- ◆ Meets CPCB Norms.
- ◆ Cost effective and easy to use.
- ◆ Improves rapid recovery time from upsets.
- ◆ Improves floc settling formation, thus prevent bulking sludge.
- ◆ Increase in MLSS.
- ◆ Improves waste degradation of specific target compounds.
- ◆ Breaks down fat & grease buildup, reduces sludge buildup.
- ◆ Enhances odor control through natural organic acid oxidation.
- ◆ Changes Biomass Dynamics.
- ◆ Reduction in organic loads.

NURACHEM & POLYALUM

Nurachem is a high-performance primary treatment chemical formulated to aid coagulation and flocculation during the initial phase of wastewater treatment. It effectively removes suspended solids and impurities, ensuring smoother and more efficient downstream treatment processes.

Our primary specialization lies in manufacturing Bio-culture for ETP's and STP's for all types of industries depending on their effluent characteristics. We are having different strains of bacteria for different types of industries.



"NUTREACHEM & POLY ALUM" WILL :

- ◆ Decolorize the effluent
- ◆ Reduces the pH level
- ◆ Breakdown 50% of the COD
- ◆ Reduces the sludge disposal costs.
- ◆ Reduces the electricity consumption.
- ◆ Reduces the sludge (avoid the formation of huge amount of sludge)

CHEMICALS & EQUIPMENTS

ETP PLANT CHEMICALS

1. Lime Powder - 90%
2. Ferrous Sulphate - 95 to 99 %
3. Poly Electrolyte : Anionic Poly
4. Aluminum Sulphate - Alum
5. De-Foamer
6. Biocide

REVERSE OSMOSIS DOSING CHEMICALS

1. RO Antiscalent - KOCH, Memguard
2. RO Antiscalent
3. SMBS - Sodium Meta Bi-Sulphate
4. Anti Oxidant
5. Phosphoric Acid

MICRON CARTRIDGE FILTER - WOUND

1. 2.5" Dia x 10" Long, 5 Micron, Poly Propylene
2. 2.5" Dia x 20" Long, 5 Micron, Poly Propylene
3. 2.5" Dia x 30" Long, 5 Micron, Poly Propylene
4. 2.5" Dia x 40" Long, 5 Micron, Poly Propylene
5. 4.5" Dia x 10" Long, 5 Micron, Poly Propylene
6. 4.5" Dia x 20" Long, 5 Micron, Poly Propylene

MICRON CARTRIDGE FILTER - SPUN

1. 2.5" Dia x 10" Long, 5 Micron, Poly Propylene
2. 2.5" Dia x 20" Long, 5 Micron, Poly Propylene
3. 2.5" Dia x 30" Long, 5 Micron, Poly Propylene
4. 2.5" Dia x 40" Long, 5 Micron, Poly Propylene
5. 4.5" Dia x 10" Long, 5 Micron, Poly Propylene
6. 4.5" Dia x 20" Long, 5 Micron, Poly Propylene

MICRON CARTRIDGE FILTER - BAG

1. 4.5" Dia x 10" Long, Poly Propylene
2. 4.5" Dia x 20" Long, Poly Propylene
3. 7.0" Dia x 17" Long, Poly Propylene
4. 7.0" Dia x 32" Long, Poly Propylene

REVERSE OSMOSIS CLEANING CHEMICALS

1. NaOH - Sodium Hydroxide
2. STPP - Sodium Tri Poly Phosphate
3. TSP - Tri Poly Phosphate
4. EDTA - Ethylene Di Amine Tetra Acetic Acid
5. SLS - Sodium Laurel Sulphate
6. Citric Acid

MICRON CARTRIDGE FILTER - HOUSING

1. 2.5" Dia x 20" Slim Housing, - 1/2 inch
2. 2.5" Dia x 20" Slim Housing, - 3/4 inch
3. 2.5" Dia x 10" Slim Housing, - 3/4 inch
4. 4.5" x 10" Housing, - 1.5 "
5. 4.5" x 20" Housing, - 1.5 "
6. 4.5" x 20" Housing, - 1.0 "
7. 4.5" x 10" Bag Housing, - 1.5 "
8. 4.5" x 20" Bag Housing, - 1.5 "

EQUIPMENTS OF ETP & RO

1. Pumps & Motors
2. Stirrer & Flash Mixer
3. Gear Box with Drive & Air Blowers
4. Fine Air Disc Diffusers
5. Coarse Air Disc Diffusers
6. Filter Press with Cloths
7. RO Pressure Vessels
8. UF Pressure Vessels
9. RO Membranes (BWRO)
10. RO Membranes (SWRO)
11. UF Membranes (Hallow Fibre & Spiral)
12. Nano Membranes
13. Dosing Pumps & Dosing Tanks
14. High Pressure Pumps
15. Rota Meters
16. Pressure Switch (LPS & HPS)
17. Level Switch & DE Gassers

OUR PRODUCTS & SERVICES

- ◆ Turnkey Projects in Waste / Sewage Treatment Plants.
- ◆ Water & Waste Water Treatment Plants, Softners, RO, DM, UF, NF.
- ◆ Mineral Water Projects UV, Ozonation, Lab, ISI.
- ◆ Product Concentration by Membranes Technology.
- ◆ Chemical & Spares - Process, ETP, RO, Evaporator.
- ◆ Multiple Effect Evaporators
- ◆ ZLDS Concept Projects
- ◆ Lab Apparatus
- ◆ Plant Designing & Constructions
- ◆ ETP, RO, MEE Operation & Maintenance and Consultancy.

ENZYMATIC ENVIRO CARE AND TECH

8A, Rail Nagar, Rangam palayam,
Erode - 638009, Tamilnadu, India.
GST Number :33CLKPG3950L1ZX
E-Mail : enzymaticenvirocare@gmail.com
Contact : +91 90434 81610