



UNIVERSHAL

HI-TECH ENVIROCARE SOLUTIONS

An ISO 9001:2015 Certified Firm

Water Treatment & Environmental Engineering Experts

Transforming Waste into Sustainable Energy & Value

+91 99942 39246, +91 75988 39246



ABOUT US



Univershal Hi-Tech Envirocare Solutions is a leading environmental engineering firm specializing in industrial wastewater treatment, renewable energy solutions, and environmental compliance services.

We provide complete solutions from engineering, procurement, installation to commissioning of water and wastewater treatment systems.

What We Do

- Wastewater Treatment & Management
- Environmental Technical Services
- Turnkey Project Execution
- Operation & Maintenance (AMC)
- Renewable Energy & Biogas Solutions

Core Values

- Sustainability
- Innovation
- Quality & Compliance
- Client Satisfaction



VISION

To become a leading solution provider in sustainable water and environmental management.

MISSION

To deliver efficient, eco-friendly and cost-effective solutions ensuring zero discharge and maximum reuse.

Industry **9R** Principles



Water

Reduce, Reuse, Recycle



Sludge

Repurpose, Recycle



Equipment

Repair, Refurbish, Remanufacture



Process

Refuse, Rethink



OUR CAPABILITIES



Our Expertise

- Environmental Engineering
- Wastewater Treatment Solutions
- Turnkey Project Execution
- Consultancy & Technical Services
- EHS Training Programs



Why Choose Us

- Experienced Engineers & Technocrats
- International Standard Practices
- Cost-Effective & Timely Execution
- Upgradation & Maintenance Expertise
- Strong Client Satisfaction Record

Our Process



- Consultation
- Design & Engineering
- Procurement
- Installation & Commissioning
- Operation & Maintenance



OUR SERVICES

Water & Wastewater Solutions

- ✔ ETP (Effluent Treatment Plant)
- ✔ STP (Sewage Treatment Plant)
- ✔ RO Plants
- ✔ MEE (Multiple Effect Evaporator)
- ✔ Water Recycling Systems



Advanced Solutions

- ✔ Zero Liquid Discharge Systems
- ✔ Bio-Methanation Plants
- ✔ Canteen Food Waste Bio Gas Production
- ✔ Supplier & Service of Bio Gas Genset Engine



Operations & Support

- ✔ Operation & Maintenance
- ✔ Annual Maintenance Contracts
- ✔ Water Balance / Audit Study
- ✔ Environment Monitoring & Analysis
- ✔ Refridgeration (AMC)



Compliance & Technical Services

- ✔ ETP Online - Digital Meters
- ✔ PCB - CTO / CTE Compliance Services
- ✔ ETP Chemicals Bio Culture (Anaerobic & Aerobic) supplier





CORE ACHIEVEMENTS



Anaerobic Digester Revamp Projects

- Min. 1000 m³ - Max. 7,000 m³ capacity digester
- Clients: Bhavani & chemicals, Thiru Arooran Distillery, Salem & Amaravathi Distillery, Aavin Industry



ETP - Upgradation Projects

- Executed Min. 200 m³ - Max. 1000 m³/day capacity systems
- Clients - Dabur India Ltd, Aavin sectors



STP - Projects & Execution

- Dabur India limited - 70KLD (Project)
- SPAC starch products (I) Ltd - 100KLD (Project)
- NLC India limited -30MLD (Execution)



Biogas & Energy Generation

- Min. 600m³ - Max. 22,000 m³/day biogas production
- Power generation Min. 1500 - Max. 20,000 kWh/day
- Major fuel savings across our AMC service industries



DM / RO / MEE Plants

- Industrial water purification & reuse solutions

Industries We Serve



Dairy & Sugar



FMCG & Starch



Food & Beverage



Distilleries & Textile



Pharma & Chemical



Power & Energy

Our Clients

- Dabur India Ltd • SPAC Starch Products (I) Pvt. Ltd.
- Sri Chamundeshwari Distilleries • Santosh Starch Ltd
- Tamil Nadu Co-operative Sugar & Aavin Sector
- NLC INDIA Ltd. • Asian Paints Ltd • Kals Breweries
- Wishvish Foods Pvt Ltd • Bhavani Distilleries



OUR PROJECTS



Food waste Bio - Gas Furner



Bio-Gas Genset Engine



STP - (SKID - Mounted)



Refrigeration - Compressor



Bio-Gas Burner Distillery Boiler



Aeration Diffuser



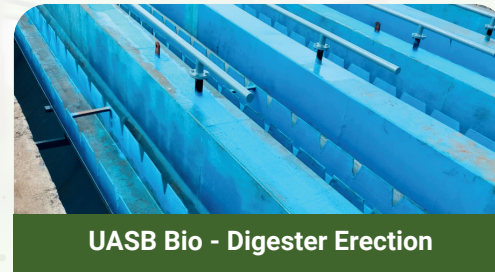
ETP - LAB



STP - (SKID - Mounted)



RO



UASB Bio - Digester Erection



ETP - UASB Bio-Digester system



DAF - System



Sludge Dewatering System



MEE - Plant



UASB Anaerobic Biogas System



OUR CERTIFICATIONS



Certificate of Registration

This is to certify that

UNIVERSHAL HI-TECH ENVIROCORE SOLUTIONS
24A, PARVATHIPURAM, SOUTH STREET, VADALUR, CUDDALORE,
TAMIL NADU, 607303, INDIA

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 9001:2015
Quality Management System

For the following scope of activities:

INDUSTRIES EFFLUENT TREATMENT PLANT (AN-AEROBIC & AEROBIC) BIO - GAS ENGINE POWER GENERATION, VDM-MACHINE, DAF SYSTEMS, ETP UPGRADATION FABRICATION, ERECTION, COMMISSIONING WORK, & WATER TREATMENT PLANT (DM , SOFTENER, RO - PLANTS) OPERATION & TECHNICAL SERVICES

Date of Certification: 10th June 2024
1st Surveillance Audit Due: 9th June 2025

2nd Surveillance Audit Due: 9th June 2026
Certificate Expiry: 9th June 2027

Certificate Number: 305024061073Q



GSTIN No. : 33AAAT3144R1Z8 sacso07@yahoo.co.in

The Salem Co-operative Sugar Mills Ltd., Mohanur - 637 015.
Namakkal Dist, Tamil Nadu.

ISO - 9001:2015

Fax No. 04286	-	255264	GST IN: 33AAAT3144R1Z8
Phone : STD 04286	-	255221	TIN NO 335131002B
	-	255224	PAN NO AAAT3144R

E-mail : sacso07@yahoo.co.in
Salemcsales@gmail.com

Date : 06.09.2023

PERFORMANCE CERTIFICATE

To Whom Soever It May Concern

M/S Universal Hi-Tech Envirocare Solutions - Cuddalore - 607303 , Firm operating Distillery unit RS plant Capacity 55 KLPD, Spent wash Effluent treatment 650 M³/Day by An-Aerobic UASB - Tech Bio Digesters 1,2 , thier process operation performance satisfactory quite fine normal .

This certificate issued by thier request to participate in the Tender purposes only.

"Best wishes for thier future Carrier"

For Salem Co-operative Distillery Unit

Senior Chemist
(Distillery unit)



The Salem District Co-operative Milk Producers' Union Ltd.,
Sithanur, Thalavipatti (Post), Salem - 636 302.
Phone - 7373704800, 7373704802
e-mail: aavinsm@gmail.com

DATE: 07/08/2023

PERFORMANCE CERTIFICATE


TO WHOM SO EVER IT MAY CONCERNED

M/S Universal Hi-Tech Envirocare Solutions - Cuddalore 607303.
Firm operating ETP -capacity 1000 KLPD treatment followed by An-Aerobic (UASB -Tech), Aerobic process, DAF, VDM Equipments with Bio-Gas Genset operation, thier plant operation performance satisfactory based on TNPCB analysis reports.

"Best wishes for thier future Carrier"

For Salem District Co-operative Milk Producer's Union Ltd

General Manager
GENERAL MANAGER
The Salem Dist. Co-op. Milk Producers' Union Ltd.,
Sithanur, SALEM-636 302.

16.12.2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that M/S Universal Hi-Tech EnviroCare Solutions - Cuddalore- 607307, Firm in the filed of Effluent treatment plant Erection technical operational services.

In Kal's Distillery unit - UASB - 7000m³ day volume of Bio- Digester GLS (Hoods) Erection & Services of Effluent treatment plant Job work is Satisfactory.


"Best wishes for their future Carrier services"

Regards,

For: M.K.S ENGINEERING WORKS

P. Praveen
(M.K.S MOORTHY)

BD/Engg/Genl/2025
September 15, 2025



TO WHOM IT MAY CONCERN

This is to certify that M/s Universal Hi-Tech Envirocare Solutions, Cuddalore - 607303 (Tamil Nadu) with branch office at Badarpur, South Delhi - 110044 has successfully completed the ETP operations including Anaerobic and aerobic treatment processes in our Plants at Baddi Cluster for the period April, 2024 to March, 2025.

The performance and operations carried out by the firm we found to be satisfactory.

For DABUR INDIA LIMITED

Authorised Signatory

PERAMBALUR SUGAR MILLS LTD.
36, Eralayur P.O., Perambalur District, Tamil Nadu - 621 133.
"AN ISO 9001 : 2000 CERTIFIED INDUSTRY"
GSTIN : 33AAACP184Z1Z2N E-mail : peramsugar1@gmail.com, perampurchasesales@gmail.com

Re. No. 8831/P2/MFG/2020-2021
Dated: 12-06-2023

TO WHOM SO EVER IT MAY CONCERN

ETP WORK COMPLETION CERTIFICATE

This is to certify that M/S. UNIVERSHAL HI TECH ENVIROCORE SOLUTIONS, VADALUR - 607303, successfully completed the ETP - operation for the sugar crushing season year period of 2022-2023.

Your's Faithfully,
For PERAMBALUR SUGAR MILLS LTD.
Sd/-
CHIEF EXECUTIVE
ADMINISTRATIVE OFFICER (FAC)



THE TAMILNADU CO-OPERATIVE MILK PRODUCERS' FEDERATION LTD
AAVIN SKILL DEVELOPMENT CENTRE
MADHAVARAM, CHENNAI-600 051.
Mail: sdtecmpl@gmail.com

Date: 02.09.2025
Place: Chennai

Certificate of Appreciation

This certificate is proudly presented to **Dr.V.K.Balamurugan, Ph.D.**, Director & Environmental Scientist of M/s.Universal Hi-Tech Envirocare Solutions, Cuddalore - 607 303.

In recognition of his valuable contribution by conducting a Seminar of Effluent Treatment Plant (ETP) regarding 3R Concept : Reduce, Reuse, Recycle for the newly recruited employees of TCMPE Ltd at Aavin skill Development Centre, Madhavaram.

His expertise and guidance have greatly enhanced the knowledge and awareness of our trainees towards sustainable environmental practices.

For Aavin Skill Development Centre

Asst.General Manager (Admin)



131 "Santosh Home", Post Mangalapuram-636 202, Taluk-Rasipuram Dist. Namakkal, (TN) India
Phone : +91-4287-234221 Email: santosh@sanlimited.com / Web: www.santoshlimited.com
GST No. : 33AAECS8781ZZZ CIN : U74999GJ1990PLC014671

17.06.25

Performance & Experience Certificate

This is to certified that M/S Universal Hi Tech Enviro care Solutions, Vadalar, Cuddalore, TamilNadu 607303 has executed the Operation and Maintenance of Bio-Methanation Reactor (UASB Tech) of 300 LLPD Bio Gas based (100 KVA BioGas Engine and Produced above 2 Lakh units of power in the past 15 months and dispose the treated effluent for On Land Irrigation).

The ETP Plant operation is satisfactorily operated by them from August 2023 to May 2025.

During this period their performance are found good.

FOR SANTOSH LIMITED

Authorised Signatory



UNIVERSHAL
HI-TECH ENVIRO CARE SOLUTIONS



Contact Us

Dr. V. K. BALAMURUGAN M.Sc., MPhil., MBA., DIS., PhD.,
Director & Environment Scientist

Head Office

24-A, South Street, Parvathipuram, Vadalur, Cuddalore - 607 303. Tamil Nadu, India.

Branch Office

Block-E2, Molarband Extension, BADARPUR, South Delhi - 110 044.

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**Let's build sustainable and efficient
water solutions together.**