



BIONICS
ENVIROTECH

BIONICS ENVIRO TECH (P) LTDTM

An ISO 9001 : 2015 CERTIFIED COMPANY

SCIENTIFIC INNOVATIVE MANUFACTURER OF NANOZYME MICROBIAL CULTURE FOR
SUGAR / CPU (ETP), DISTILLERY / CPU (ETP), FERMENTATION BOOSTER & PRESS MUD COMPOST
COD & BOD REDUCTION, ZERO SLUDGE PROCESS BY NANOZYME MICROBIAL CULTURETM

SUGARS & DISTILLERIES



Aerobic Bio-Culture

(COD,BOD Reduction & Odour, Colour Removal)



Anerobic Bio-Culture

(COD,BOD Reduction & Odour, Colour Removal)



Fermentation Booster

(Increases the Alcohol Percentage)



Press Mud Compost

(Increases the NPK Ratio)

HEAD OFFICE

📍 2/185, Ramnagar,
Vaaikalmedu,
Perundurai Main Road,
Erode - 638052. Tamilnadu.

CORPORATE OFFICE

📍 No.1, GST Road
Thailavaram,Potheri,
Chennai - 603 203
Tamilnadu.

REGIONAL OFFICE

📍 Pratap Colony, Near Holy
Child School Ruhatta,
Jaunpur Sadar, Jaunpur ,
Uttar Pradesh - 222002 .

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TAMILNADU ANDHRA PRADESH KARNATAKA MAHARASTRA GUJARAT DELHI
MADHYA PRADESH UTTAR PRADESH PUNJAB & ALL OTHER STATES



Indian Council for
Agricultural Research
Award in 2001



University Grant Commission
National Eligibility Test Award
in June, 2003 & December, 2003.



Agricultural Scientist
Recruitment Board
National Eligibility Test Award



THE TIMES OF INDIA
Times of India
May 28, 2009.

ABOUT BIONICS ENVIRO TECH

BIONICS ENVIRO TECH is an industry world leader in the field of biological waste water treatment by manufacturing Nanozyme Bioculture and implementing in all industries. With presence in all states, BIONICS ENVIRO TECH with strong Research & Development and a passion for innovation is offering purely Nanozyme technologies with wide range of solutions mainly focused on COD, BOD Reduction, Zero Sludge Process, Zero Pollutant load in directed at addressing waste water challenges in all industries Effluent Treatment Plants (ETP), Sewage Treatment Plants (STP), Common Effluent Treatment Plants (CETP) and Anaerobic Digester (AD) of any scale, any sector across the world with track record. BIONICS ENVIRO TECH managed by a core team of well qualified scientist with two decades of university and industrial research experienced directors in providing wide range of research solutions for biological wastewater treatment problems headed by our Managing Director Mr.K.SASIKUMAR, MCA, and Executive Director Dr.M.PARAMESWARI SASIKUMAR PhD.Agri.,

ABOUT EXECUTIVE DIRECTOR

Dr. M. PARAMESWARI SASIKUMAR, Executive Director Ph.D., in Agricultural Science with specialization in Industrial Wastewater treatment heads the research and development of the company. Dr.M.Parameswari has more than 20 years of experience in university and industrial research, monitoring of industrial effluent treatment plants. She has published Doctoral research in dye industries effluent in to different Research Journals International 20 Research Articles and National 16 Research Articles and also published research paper in International and National conferences and seminars 35 papers. Under our executive director research guidance, BIONICS ENVIRO TECH has innovated wide range of NANOZYME bio-culture and also implementing into various all industrial sectors. Based on extensive R&D in our BIONICS, innovated NANOZYME bioculture and implemented with focal point of Zero Sludge, COD, BOD, TDS, TSS, all heavy metals reduction with low cost treatment of biological high performance systems.

AWARDS & MEDALS

Executive Director Dr.ParameswariSasikumar received the following awards

 <p>Indian Council for Agricultural Research Award in 2001</p>	 <p>University Grant Commission National Eligibility Test Award in June, 2003 & December, 2003.</p>	 <p>Agricultural Scientist Recruitment Board National Eligibility Test Award</p>	 <p>Times of India May 28, 2009.</p>
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NANOZYME

“NANOZYME” which are effective microbes (EM) contain multiple stains of aerobic, facultative aerobes and anaerobic bacteria, which are selected for their compatible, symbiotic metabolic pathways based on different industrial effluent characteristics. NANOZYME products are manufactured from a unique solid fermentation (SSF) process of selected cultures of beneficial bacteria for different waste water and industries.

NANOZYME DESCRIPTION

Available form	Organic semi-solid form
Number of Bacterial cultures	60 different Bacterial cultures
Stage of Bacterial cultures	Living bacteria
Number of Bacterial colonies	65×10^{-9} CFU/ml
Shelf life	Min one year



NANOZYME ON EFFLUENT TREATMENT PLANTS

Parameters	Percentage of Reduction
Sludge Degradation	Zero Sludge
Chemical Oxygen Demand (COD)	95 - 98%
Biological Oxygen Demand (Bod)	98- 100 %
Colour	90 - 100%
Odor	100%
Removal of suspended & floatable Organic debris	100%
Reduces Total Suspended Solids (TSS)	92-95%
Reduces Total Dissolved Solids (TDS)	Depends On Characteristics of Wastewater
Increases Dissolved Oxygen (DO)	Min 3 – Max 8

Nanozyme Products

SUGAR INDUSTRIES PRODUCTS (BIONICS MAKE) SUGAR / CPU -ETP

BIONICS - NANO -SUG-ETP-1000

BIONICS - NANO -SUG-ANA-2000

MERITS OF NANOZYME

- COD , BOD Reduction Minimum 95%
- TSS, Zero Sludge Reduction
- Colour Reduction 100%
- Odour Reduction 100%

DISTILLERY INDUSTRIES PRODUCTS (BIONICS MAKE) DISTILLERY -ETP

BIONICS-NANO-DIST-ETP-1000

BIONICS-NANO-DIST-ANA-2000

MERITS OF NANOZYME

- COD , BOD Reduction Minimum 95%
- TSS, Zero Sludge Reduction
- Colour Reduction 100%
- Odour Reduction 100%

FERMENTATION BOOSTER (BIONICS MAKE)

BIONICS-NANO-FERM-1000

MERITS OF NANOZYME

- Increase the Alcohol Percentage
- Increases the ENA Production

PRESS MUD COMPOST (BIONICS MAKE)

BIONICS-NANO-COMP-1000

MERITS OF NANOZYME

- Odour Removal 100%
- NPK Ratio Increase Upto 8:7:9



Indian Council for
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Award in 2001



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National Eligibility Test Award
in June, 2003 & December, 2003.



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Recruitment Board
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OUR PRESTIGIOUS CLIENTS

**JAI BHAVANI
SSK LTD**



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SUGARS & DISTILLERIES



Dr.M.Parameswari Sasikumar Ph.D Agri., Env.,
Executive Director

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K. Sasikumar M.C.A.,
Managing Director

Mob : (0) 82202 27745, (0) 90951 00090

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