



**SRM Institute of Science and Technology**  
**Faculty of Management**  
**Kattankulathur - 603 203**

**EXHIBITION CUM INDUSTRY ACADEMIA MEET**

**WASTE MANAGEMENT AND  
SOCIAL ENTREPRENEURSHIP**



**4<sup>th</sup> & 5<sup>th</sup> December 2019**

**Venue: Dr. T. P. Ganesan Auditorium,  
SRM IST**

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# **SRM Institute of Science and Technology**

SRM Institute of Science and Technology (formerly known as SRM University) is one of the top ranking universities in India with over 38,000 students and more than 2600 faculty across all the campus, offering a wide range of undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine and Health sciences, and Science and Humanities. About 80% of students are from outside Tamil Nadu, with students from Europe, China and other countries. The mission of SRMIST is to move up through international alliances and collaborative initiatives to achieve global excellence; accomplish a process to advance knowledge in a rigorous academic and research environment; and to attract and build people in a rewarding and inspiring environment by fostering freedom, empowerment, creativity and innovation.

# **SRM School of Management**

Have been serving the business world and community for the past 25 years. We have been ranked as no.1 in Industry exposure in India by Higher Education Review Beyond IIMs B school survey in 2017 and consecutive awards and rankings by other leading ranking agency. School of Management fosters enduring relationships with industry and promotes several industrial activities by faculty and students to acquire industrial exposure. Also, high percentage of employees of corporate have been awarded doctorate in management. The Interaction helps to create opportunities for research, consultancy, education programs and student internships. As a part of our commitment to the responsible education, we are launching an MBA in Waste Management and Social Entrepreneurship. This course addresses the need for subject experts to profitably manage the waste produced by the various sectors of the business.

# MGNCRE

Mahatma Gandhi National Council of Rural Education (MGNCRE) under the Ministry of Human Resource Development, in Government of India, strives to promote resilient India through Higher Education interventions. MGNCRE designs, develops and promotes curriculum inputs for higher education programmes offered by Universities and Autonomous Institutions in India. The higher educational streams of focus for MGNCRE include: Rural Studies, Rural Development, Rural Management, Social Work and Education. The curriculum inputs are both theoretical and practical field-related relevant to rural India. With a vision to involve higher education curriculum in India in the process of building resilient rural India i.e., Uthkrisht Gram for Unnat Bharat, MGNCRE is involved in formulating and recognizing curricular inputs and accredit courses and higher educational institutions, which enable development of sustainable, climate and disaster resilient rural livelihoods.. As part of its constant endeavour to facilitate learning and create greater awareness among the students in Higher Education Institutions (HEIs) about the surrounding environment and better management of the finite resources, MGNCRE has developed curriculum and books for an MBA Programme in Waste Management and Social Entrepreneurship.

# Opportunities in Waste Management Sector

The Industry-Academia Meet will provide a platform for Industry and Utilities to showcase their waste management initiatives and also provide information on career opportunities for students of MBA in Waste Management and Social Entrepreneurship. The Meet presents a networking opportunity for academicians, waste management technologists, waste managers, researchers, NGOs, industrialists, Hoteliers, Hospitals, Utilities, Entrepreneurs, Recycling Companies, Decision Makers, Environmentalists, Central and State Government Departments, Public Sector Units, Private Sector Organizations, Municipal Bodies, Development Authorities, Pollution Control Boards and related Professionals. Keynote Speakers have been drawn from academia and industry to exchange views on the key issues of waste management, recycling, resource recovery and resource efficiency, sustainable development, conversion of waste to energy and the ample opportunities in the waste management sector.

- One fourth of dry waste is recyclable, which can create jobs
- Employment opportunities as waste transporters, waste management facilities
- Entrepreneurship models of waste management - collecting, transporting, treatment, composting, outsourcing of waste management (bus stations, railway stations, airports, industries)

# Program

# Day 1

04.12.2019

10.00 AM – 11.30 AM		Inauguration
Welcome Address	<b>Dr. V. M. Ponniah</b> Dean, Faculty of Management, SRM IST	
Overview of the Exhibition	<b>Dr. Kantha D. Arunachalam</b> Dean, Center For Environmental Nuclear Research, SRM IST	
Presidential Address	<b>Dr. Sandeep Sancheti</b> Vice Chancellor, SRM IST	
Inaugural Address	<b>Ms. Santha Sheela Nair</b> Rtd. Chief Secretary, Government f India	
Key Note Address	Mr. P. Madhusudhan Reddy, I.A.S., Deputy Commissioner – Health, Tamil Nadu	
Felicitation Address	<b>Dr. N. Sethuraman</b> Registrar, SRM IST	
Felicitation Address	<b>Mr. M. Nanda Kumar</b> MD, EDAC Engineering Ltd Convener – FICCI TNSC – Energy Panel	
Word of Thanks	<b>Dr. Rajan Patil</b> Nodal Offcer, Swachchata Action Plan, SRM IST	
Opening of the Exhibition		
11.30 AM – 11.45 AM		Tea Break

**Venue:** Mini Hall 1, Dr. T. P. Ganesan Auditorium, SRM IST

# Program

# Day 1

04.12.2019

**11.45 AM – 01.00PM**

**Technical Session 1: *Technology Waste Management***

**- Mr. Suresh**

Green Enthusiast

**- V. Murugesan**

Regional Executive Engineer

Municipal Administrative Department,Changalpattu

**- Mr. M. Elango**

Executive Director Gramalaya

**- Mr. Dev Anand**

Chairman & Managing Director, Kankyo

**- Mr. Arunkumar**

Coordinator

No food Waste, Chennai Chapter

**01.00 PM – 02.00 PM**

**Lunch**

**2.00 PM – 3.00 PM**

**Discussion / Debate - I**

Title: Environmental and Health Impact of Waste Management

Moderator: **Prof. Suresh Maria Selvam**, Former UN Officer.

1. **Mr. Salim NA**, Researcher

2. **Dr. Shirly Charles**, Home Maker and Humanitarian,

3. **Mr. K. Y. Bubu**, General Manager-Environment, Hand in Hand India,

4. **Er. Amutha**, CMDA, WM



# Program

# Day 1

04.12.2019

**03.00 PM – 04.15 PM**

**Technical Session 2: *Waste Management Entrepreneurship***

**- Shri. D. Anji Reddi**

Engineer In-charge

Operation of Centralized Waste management Facility NRB,  
BARC, IGCAR, Kalpakkam, Tamil Nadu

**- V. J. Saravanan, BE., MBA**

Brand Ambassador

Virogreen India Pvt. Ltd.

**- Dr. Krishnaveni**

Assistant Professor

Tamil Nadu Agricultural University

**- Mr. Veerapathman**

Founder, Save Thirupur Movement

**- Ms. Keerthi**

Manager,

CREDAI Clean City Movement, Chennai

# Program

# Day 2

05.12.2019

**10.00 AM – 11.15 AM**

**Technical Session 3: *Solid Waste Management***

**- Mr. Ramakrishnan**

Director, NARPEP

Vivekananda Kendra

**- Mr. Krishnan**

Former Head-HSC, CAIRN Energy

**- Ms. Priyadharshini**

Founder & CEO

Wastewinn Recyclers

**- Dr. Pradheep Muthulingam**

Environmental Expert

Reginal Integrated Multi-Hazard Early Warning

**- Mr. Nirmal**

Dy. Manager,

Marketing Head, Ramky Group

Hyderabad, Telagana

**11.15 AM – 11.45 AM**

**Tea Break**

# Program

# Day 2

05.12.2019

**11.45 AM – 01.00 PM**

**Technical Session 4: *Audit and Sustainable Solutions for Waste Management***

**- Dr. Subramaniyan**

Director, Synkromax, Chennai

**- Dr. Vaikuntharaja**

Scientist, Synkromax, Chennai

**- Dr. Claribel Ezekiel**

Former World Bank Consultant

**- Dr. Manonmoney**

Professor, SRM IST

**- Dr. Amol Vidwans**

Director,

DhiMahi Sustainable Solutions (P) Ltd.

**- Mr. R. Suriyaprakash**

Research Scholar

CENR, DRVE, SRM IST

**01.01 PM – 02.00 PM**

**Lunch**

**2.00 PM – 3.00 PM**

**Discussion / Debate**

**Title:** Role of industries in waste management

Moderator: **Mr. Bashkaran**, Chairman, IWMA

- 1. Tamil Nadu Waste Management Limited**, Chennai
- 2. Viro Green Pvt. Ltd.**, E-Waste Management, Chennai
- 3. Synkromax Pvt. Ltd.**, Agriculture, Chennai
- 4. Bharat G. Desai**, Omnigene India

# Program

# Day 2

05.12.2019

**3.30 PM - 4.05 PM**

**Valedictory**

Welcome Address	<b>Dr. Sanjeeva Gandhi</b> Faculty of Agricultural Science
Valedictory Address	<b>Dr. S. Ganapathy</b> Director – Corporate Relations, SRM IST
Perspective on Waste Management	<b>Mr. Sharath Chandra Naveen</b> Mahatma Gandhi National Council of Rural Education
Report on Exhibition cum Industry Academia Meet	<b>Dr. Naveen, EEE</b> Dr. K.S. Vignesh, Public Health
Prize Distribution	<b>Mr. Baskaran,</b> Chairman, Industrial Waste Management Association
Word of Thanks	<b>Dr. V. Thirumurugan</b> Associate Director (CL), SRM IST

# Notes

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# Technical Session 1

## Technology Waste Management

4<sup>th</sup> December 2019

11.45 AM – 01.00PM

**Venue:** Mini Hall 1, Dr. T. P. Ganesan Auditorium, SRM IST

### Speakers:

**Mr. Suresh**

Green Enthusiast

**V. Murugesan**

Regional Executive Engineer  
Municipal Administrative  
Department,Changalpattu

**Mr. M. Elango**

Executive Director Gramalaya

**Mr. Dev Anand**

Chairman & Managing Director, Kankyo

**Mr. Arunkumar**

Coordinator

No food Waste, Chennai Chapter

### Chaired By:

**Dr. P. S. Rajeshwari**

SRM IST

## **Sustainable Waste Management**

**11.45 AM - 12.00 PM**

**4<sup>th</sup> December 2019**



**Mr. D. Suresh**

Green Enthusiast

Dr. Suresh was a retired person with a 50 years' experience by serving as CEO, MD, GM of various companies. He was one of the most invited speaker across India to share experience. He was an environmentalist by his own, by implementing sustainable management and green initiatives. He installed Biogas plant, rainwater harvesting, solar panels, terrace kitchen garden, created a forest atmosphere, air to water generator and solar car. He believed that these could be done by any common man without expecting govt. and finding own solutions.

## **SCIENTIFIC PROCESSING OF SOLID WASTE THROUGH DECENTRALISED APPROACH:**

**12.01 PM – 12.15 PM**

**4<sup>th</sup> December 2019**



**Mr. MURUGESAN. V**

Regional Executive Engineer, Municipal Administrative Department, CGL

Solid waste management (SWM) is a major problem for many local bodies due to growth of residential colonies and change in consumption of goods which results in increased per capita waste generation. Effective SWM is a major challenge in every local body having high population density. There is an urgent need to move to more sustainable SWM, and this requires new management systems and waste management facilities. According to Central Pollution Control Board (CPCB), 1,43,449 tonnes per day (TPD) of MSW was generated in India during 2014–2015 and about 15000 MT of solid waste is being generated in rural and urban local bodies of Tamil Nadu to strengthen the primary collection, secondary transportation of solid waste, vehicles, machineries and equipment were procured through funds available with several schemes including Swatch Bharat Mission (SBM).

## Sanitary Technologies

12.16 PM - 12.30 PM

4<sup>th</sup> December 2019

### Mr. M. Elango

Executive Director, Gramalaya



He is a post graduate in commerce and Sociology. He has got involved in developmental sector through the Shepherd. Program, St. Joseph's College, Tiruchirappalli for the upliftment of poor people in Rural areas of Tiruchirappalli district by educating them on environment sanitation, and tree plantation etc., He has 22 years of working experience on Water, Sanitation, Personal Hygiene, MHM, Nutrition.

He has attended many national level conferences on Water and Sanitation, workshops, conclaves and meetings organized by Ministry of Drinking Water and Sanitation, and Ministry of Urban Development. He is one of the members in Tamil Nadu State Planning Commission. He has attended CLTS – Community Led Total Sanitation program facilitated by Dr.Kamalkhar, at CMC vellore in the year 2012. He is also one of the internal Resource person of Gramalaya in the KRC training program for Water and Sanitation supported by Ministry of Drinking water and sanitation.

## Waste To Energy

12.31 PM – 12.45 PM

4<sup>th</sup> December 2019

### Mr. Dev Anand

Chairman & Managing Director, Kankyo



Overview of the company is providing the solution for the total environment and received Awards and Accolades such as PMI Runner up Award for Top Innovator. The Core Business of the company is Waste Management such as Solid Waste Management, Bioremediation, Water & Wastewater Treatment, Waste to Energy and Air Pollution Control and also involving in Technology providers providing complete Turnkey solutions, Operation & Maintenance, Research and Training the company sustainable innovative technologies solve world's major problem that is waste in an environment-friendly manner.



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**Mr. Arunkumar**

**12.46 PM – 01.00 PM**

**4<sup>th</sup> December 2019**

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**Mr. Dev Anandkumar**

No food Waste, Chennai Chapter

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**Company Overview:** No Food Waste (NGO) help the society to fight against hunger and to save excess untouched food preventing it from ending in waste. We run helpline 90877 90877 for a pickup of excess food. We reach the food point via our food van, our volunteer check food quality and transferred into dedicated vessels and move to the nearest hunger spot and share the food. We recovered and distributed ONE MILLIONS PLATES OF FOOD, since October 2014. On an average, 1100 plates of food were being provided daily basis.

# **Discussion / Debate - I**

## **Environmental and Health Impact of Waste Management**

4<sup>th</sup> December 2019

2.00 PM – 3.00 PM

**Venue:** Mini Hall 1, Dr. T. P. Ganesan Auditorium, SRM IST

### **Speakers:**

**Mr. Salim NA**

Researcher

**Dr. Shirly Charles**

Home Maker and Humanitarian

**Mr. K. Y. Bubu**

General Manager-Environment,  
Hand in Hand India

**Er. Amutha,**

CMDA, WM

### **Chaired By:**

**Prof. Suresh Maria Selvam**

Former UN Officer

## Environmental and Health Impact of Waste Management

2.00 PM – 3.00 PM

4<sup>th</sup> December 2019

**Prof. Suresh Maria Selvam,**

Former UN Officer



<b>Present position</b>	<b>Independent Community Development Consultant and Adjunct Faculty with reputed Institutions for Higher Education</b>
<b>Previous position</b>	Corporate manager, Sponsored Research & Industrial Consultancy (SpoRIC) & Sr. Assistant Professor, Vellore Institute of Technology, Vellore, India. (2014 to May 2018)
<b>Organization(s) served with:</b>	<ul style="list-style-type: none"> <li>– SRM Institute of Science and Technology - 3 years</li> <li>– UNDP and UNFPA - 8 years</li> <li>– Danish International Development Assistance (DANIDA) - 10 years</li> <li>– Served as Consultant with WHO, UNICEF, Save the Children, European Commission Projects, Lutheran World Services, Caritas, Christian Children Fund Canada and Dan Church Aid - 3 years</li> <li>– Adjunct Faculty with Manipal University - 1 year</li> </ul>
<b>Qualifications</b>	<ul style="list-style-type: none"> <li>– Masters in International Health (Development studies), Copenhagen University, Denmark with a special focus in Project Management, Policy Research, Sociology, Public Health, Disaster Risk Reduction and Refugee Management.</li> <li>– Pursuing PhD in Disaster Management</li> </ul>
<b>Experience in Interpretation and Translation</b>	<ul style="list-style-type: none"> <li>– Interpretation of multi-national Development Professionals' speeches at seminars and community meets and Translation of publications and books</li> </ul>
<b>Service record</b>	<p>25 years of experience in Industry &amp; Development sectors and 7 years in Academia</p> <ul style="list-style-type: none"> <li>– Contributed the best services in development sector. (UNFPA &amp; UNDP)</li> <li>– Key role played in strategic management of Public health in India by introducing Computerised Health Information System for Health &amp; Family Welfare Dept., GoI which is still in practice all over the nation (DANIDA)</li> <li>– Trained all District administrators and NGOs in 'Mainstreaming of Disaster Risk Reduction into Developmental planning' using SDGs for TN and prepared guidelines and play kits for School Safety (Adviser to Development Agencies and GoTN)</li> <li>– Promoting multi-disciplinary approach and Development Management strategies for Medical, Engineering &amp; Management scholars (SRM &amp; VIT)</li> </ul>

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# Technical Session 2

## Waste Management Entrepreneurship

4<sup>th</sup> December 2019

3.00 PM – 4.15 PM

**Venue:** Mini Hall 1, Dr. T. P. Ganesan Auditorium, SRM IST

### Speakers:

**Shri. D. Anji Reddi**

Engineer In-charge

Operation of Centralized Waste management Facility NRB,  
BARC, IGCAR, Kalpakkam, Tamil Nadu

**V. J. Saravanan, BE., MBA**

Brand Ambassador

Virogreen India Pvt. Ltd.

**Dr. Krishnaveni**

Assistant Professor

Tamil Nadu Agricultural University

**Mr. Veerapathman**

Founder, Save Thirupur Movement

**Ms. Keerthi**

Manager,

CREDAI Clean City Movement, Chennai

### Chaired By:

**Dr. P. S. Rajeshwari**

SRM IST

### Shri. D. Anji Reddi

Engineer In-charge, NRB, BARC, IGCAR, Kalpakkam, Tamil Nadu

#### ABSTRACT OF MY PRESENTATION

Concern for the environment and establishment of radiation protection goals have been among the major priorities in planning of India's nuclear energy programme. In the Indian Nuclear Fuel Cycle, radioactive wastes are generated right from mining of uranium, fuel fabrication through reactor operations and subsequent reprocessing of the spent fuel. Since the spent fuel is reprocessed with the aim of recovering and reusing the Uranium & Plutonium produced, the Fuel Cycle is termed as 'closed'. For other components of the waste, the emphasis has been on recovering actinides & individual fission products and use them for various societal applications.

Effective management of radioactive wastes involves segregation, characterization, handling, treatment, conditioning and monitoring prior to storage or disposal. Radioactive wastes arise in solid and liquid form with a variety of physical and chemical / radiochemical characteristics.

High-level liquid waste is vitrified in borosilicate glass matrix. An interim storage facility is operational for the storage of vitrified high-level waste for more than three decades.

The development of innovative treatment processes for low and intermediate level wastes in recent times has focused on volume reduction & decontamination as the main objectives. The final conditioned waste product drums are then disposed in Near Surface Disposal Facilities (NSDF), a few meters below the earth's surface. Multi-barrier approach is followed in NSDF to ensure confinement and isolation of the wastes from biosphere. These are co-located with power/research reactors in various parts of the country. These are routinely subjected to monitoring and safety/performance assessment.

In addition to the above, the nuclear waste management sector also provides services to the various institutions viz hospitals, industry and research organization for the management of Disused Sealed Radioactive Sources.

**V. J. Saravanan**

Brand Ambassador, Virogreen India Pvt. Ltd.

Company Overview : **Virogreen India Pvt Ltd., Chennai**, Formerly as **Ultrast Solutions (I) Pvt Ltd** is an initiative started in the year 2002 as Government Authorized E-waste Recycler.

1. Our aim is to reduce the accumulation of used and discarded Electronic and Electrical equipment's.
2. **Awards and Accolades** : Responsible Recycler – R2 Certification
3. **Adding Values** : Certified By :ISO 9001: 2015 for Quality Management System ISO 14001: 2015 for Environment Management System BS OHSAS18001: 2007 for Occupational Health & Safety Management System
4. **Waste Management** : E waste Management We provide dedicated e-waste management services to help get rid of old technology.
5. **Product and Services** : Collection of E-waste, Segregation, Data Erasure, Dismantling, Shredding, Transportation, Recycling
6. **Core Business** : E waste Recycling



**Dr. Krishnaveni**

Assistant Professor, Tamil Nadu Agricultural University

Dr. A. KRISHNAVENI was Assistant Professor (Environmental Sciences) Agricultural College and Research Institute, Tamil Nadu Agricultural University, Thiruvannamalai District. And also served as Assistant professor (Environ. Science), Horticultural Research Station, Yercaud, Regional Research Station, Paiyur. She holded SRF positions under ICAR-NATP project, DBT project, UGC project and International Green Tech project.

Dr. A. KRISHNAVENI was an Agricultural Officer in Soil Testing Laboratory, Dharmapuri, Tamil Nadu. As an agriculturist she gives talk on T.V programmes, ALL INDIA RADIO, and also give lectures to farmers. Her Research contributions was enormous, with two completed projects as a principal investigator and UGC, DRDO project was one among them. She published 5 Books, 17 Booklets, & book Chapters, 13 popular scientific articles, 7 national research articles and 9 international articles

## Entrepreneurship in Waste Management

03.46 PM - 4.00 PM

4<sup>th</sup> December 2019

### Mr. Veerapathman

Founder, Save Thirupur Movement

Dr. Veerapathman was a doctrate is psychology and social work in 2012 from Bangalore university.

#### Achievements

In 1994-Installation of cooperative hosiery materials companies for the rural women group in Thirupur with the help of TEA (Thirupur Exporters association) Giving job opportunities to 60 women.

In 2005-Installation of handmade paper unit in Christ college by the help of central government aid to reuse of the papers and make paper products to give livelihood to slum women 120 members. In 2007-2008-Visiting sri lanka when the internal war was in high and helped war victim's children with the help of south korea university and helped more than 670 children

Research works-

Research on "people's participation in women's program and economically viable activities" For BIRDS organization from 2013 to 2014

Research on "Tribal community access to the social main stream in Chithradurga-karnataka" for CCDC in 2012

Sexual behaviors of the male and Female during the adolescent ages among the college students-for DEAR Trust 2014.

Work experiences;

From 1993 to till date he is working for social and rural development in many parts of country.

From 2006 to till date, he was a part time Lecturer in Christ University-Community development (only part time)

Dr. Veerapathman was the Founder and Secretary of SAVE TIRUPUR MOVEMENT. He was working as a Development consultant from 2013 to till now for UNNATI (Providing residential job oriented training for the rural and slum youth) Project of CSR (Corporate Social Responsibility) to help the educated and uneducated youth above 18 years to get the jobs according to their qualification, Voice for India (Helping slum and underprivileged children), DEAR TRUST (Working for the HIV and infected children) They are working with the transgender and sexually minorities in Bangalore and having counseling centers and residential care unit, GRACE (Working for the street, working and rag pickers and their children) , WOW (Wealth out of waste) working for the waste management . He was a Professional Member of All India social workers forum from 2001 in Delhi, Karnataka social workers association-from 2010, International inter faith peace committee-from 2013 in Seoul-South Korea.

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## Wealth Out of Waste 5R

4.00 PM – 4.15 PM

4<sup>th</sup> December 2019

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### Ms. Keerthi

Manager, CREDAI Clean City Movement, Chennai

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Ms. KEERTHI was a M.Tech from Sri Jayachamaragendra College of Engineering, Mysore. She is working with CREDAI Chennai as Manager for CCCM (CREDAI Clean City Movement) and CSR from Jan 2018.

**Key achievements:** Winner of Social Service Award from MindNext and Namma Chennai. She did many awareness programs, training sessions and counseling. She is Coordinating with city connect, Smart City and EFI to carry out water body restoration. Ms. Keerthi has also Initiated social composting in temple, apartments, Workshops on home composting etc. She completed 3 project during her studies, such as- Design of wastewater treatment plant for hospital, A comprehensive study on Environmental Management Systems and Leaching profile analysis in Tobacco Cultivation

# Notes

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# Technical Session 3

## Solid Waste Management

5<sup>th</sup> December 2019

10:00 AM – 11:15 AM

**Venue:** Mini Hall 2, Dr. T. P. Ganesan Auditorium, SRM IST

### Speakers:

**Mr. Ramakrishnan**

Director, NARPEP  
Vivekananda Kendra

**Mr. Krishnan**

Former Head-HSC, CAIRN Energy

**Ms. Priyadharshini**

Founder & CEO  
Wastewinn Recyclers

**Dr. Pradheep Muthulingam**

Environmental Expert  
Regional Integrated Multi-Hazard Early Warning

**Mr. Nirmal**

Deputy Manager,  
Marketing Head

### Chaired By:

**Dr. P. S. Rajeshwari**

SRM IST

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### **Kitchen waste based biogas plant**

**10:00 AM – 10:15 Am**

**5<sup>th</sup> December 2019**

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#### **Mr. Ramakrishnan**

Director, NARPER

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Vivekananda Kendra – nardep Trust, Kanyakumari, is a Spiritually Oriented Service organization.. From the past 3 decades, they are working in the field of Bio-Methanation Technology and also have kitchen waste based biogas plant named Shakti Surabhi model which was Patented in India, China, South Africa and Sri Lanka. They got International Ashden Award in the year of 2006 - for Importance of biogas slurry as a Manure. This Trust also having many business related to environmental and ecofriendly oriented products and playing an important role in swatch bharath abhiyan.

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### **Oil and refinery waste management**

**10:16 AM – 10:30 AM**

**5<sup>th</sup> December 2019**

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#### **Mr. Krishnan**

Former Head-HSC, CAIRN Energy



Mr. Krishnan is a Bachelor of Fire Engineering graduate, NEBOSH IGC (National Examination Board in Occupational Safety & Health International General Certificate), UK Certified Health & Safety professional and a Certified Lead Auditor in “Occupational Health and Safety Management System” with 34 years of experience in Oil & gas, petroleum and petrochemical industries.

He has worked in Indian Oil Corporation, Tamilnadu Petroproducts Limited and Saudi Yanbu Petrochemical Company (a JV of SABIC and ExxonMOBIL) before joining Cairn Energy India Pty. Ltd., UK in October 2002. He had worked for 16 years in Cairn Oil & Gas (currently a business vertical of Vedanta Limited) before retiring in October 2018. He is currently providing Industrial Safety and Fire protection Consultancy services.

He has presented technical papers in many HSE and Fire conferences and seminars held by Oil Industry Safety Directorate, ONGC, Oil India, UL India, GAIL (India) Limited, Fire & Safety conclaves etc.

He is currently a Life Member of National Safety Council of India, Safety Engineers Association of India, Society of HSE & Sustainability Professionals and Associate Life member of Indian Association of Occupation Health.

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### **Waste winn foundation**

**10:31 AM – 10:45 AM**

**5<sup>th</sup> December 2019**

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### **Ms. Priyadharshini**

**Founder & CEO**



Priyadharshini is a B.Tech graduate from Vinashilingam University, Coimbatore is a social activist and entrepreneur who founded WasteWinn foundation, a nonprofit Organisation for helping marginalized waste pickers in Chennai. Seeing the growing garbage issue she strongly believe that waste managed at source is a resource and developing a more sustainable waste management. She images a future where rag pickers become experienced entrepreneurs and manage to get government recognized Id Cards, loans and health benefits.

**Awards**

1. Star of startups Award – Bangalore
2. Smart Fifty – IIMC
3. Best Social Entrepreneur Award-WEDO Chennai
4. South Indian Startup Award



## **Segregation and disposal of waste the business plan and opportunities**

**10:46 AM -11:00 AM**

**5<sup>th</sup> December 2019**

### **Dr. Pradeep Muthulingam**

**Environmental Scientist Regional Integrated**



Globally waste management industry is massive, managing and reusing it in a cost effective way has turned into a daunting task. Lack of waste management solutions and increasing waste pose a threat to the surroundings. Disposed wastes on streets and landfills breed bacteria as well as increase proximity of ailments. India generates roughly 62 million tons of garbage a year. Out of this staggering figure, approximately 43 million tons are collected annually: 11.9 million tons of collected waste are treated and the remaining 31 million tons disposed of in landfills. By 2025,

India's waste management sector is expected to be worth US\$13.62 billion with an annual growth rate of 7.17 percent. As India's production of waste increases, the country's government has begun looking to the private sector for help. Municipal bodies mandated with establishing coherent and sustainable waste management systems have been encouraged by the federal government to partner with the private sector. Much of the waste India produces simply ends up in landfills without proper processing or treatment – redirecting this untapped waste to proper treatment and processing facilities has opened up new investment possibilities.

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## **Hazardous Waste Management**

**11:01 AM – 11:15 AM**

**5<sup>th</sup> December 2019**

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### **Mr. Nirmal**

Deputy Manager, Marketing Head

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Globally waste management industry is massive, managing and reusing it in a cost effective way has turned into a daunting task. Lack of waste management solutions and increasing waste pose a threat to the surroundings. Disposed wastes on streets and landfills breed bacteria as well as increase proximity of ailments. India generates roughly 62 million tons of garbage a year. Out of this staggering figure, approximately 43 million tons are collected annually: 11.9 million tons of collected waste are treated and the remaining 31 million tons disposed of in landfills. By 2025,

# Notes

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# **Technical Session 4**

## **Audit and Sustainable Solutions for Waste Management**

5<sup>th</sup> December 2019

11:45 AM - 01:00 PM

**Venue:** Mini Hall 2, Dr. T. P. Ganesan Auditorium, SRM IST

### **Speakers:**

**Dr. Subramaniyan**

Director, Synkromax, Chennai

**Dr. Vaikuntharaja**

Scientist, Synkromax, Chennai

**Dr. Claribel Ezekiel**

Former World Bank Consultant

**Dr. Manonmoney**

Professor, SRM IST

**Dr. Amol Vidwans**

Director,

DhiMahi Sustainable Solutions (P) Ltd.

**Mr. R. Suriyaprakash**

Research Scholar

CENR, SRM IST

### **Chaired By:**

**Dr. P. S. Rajeshwari**

SRM IST

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## **Industrial Effluent Treatment by Bio Process**

**11:45 AM – 12: 00 PM**

**5<sup>th</sup> December 2019**

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**Dr. Subramaniyan**

Director, Synkromax,

**Dr. Vaikuntharaja**

Scientist, Synkromax,

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SYNKROMAX (SMBPL) is committed for eco friendly environment and a step forward towards total organic foaming. All our processes and products are oriented towards achieving greener environment Synkromax is developing tailor made processes for industrial effluent treatment using microbes/biological. Our processes utilized specific targeted enzyme/microbes are used which is completely different from conventional activated sludge processes. Our process require less air and sludge production is minimal compared energy intensive activated sludge processes and our operating cost is less than fifty percent of any given conventional methods normally adapted. Our microbial/enzyme processes commercialized fetched DSIR awards and ICMA awards. This paper deals with our experience in SCM effluent treatment, Madura Coats effluent treatment and R.K.Exports

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## Waste Audit

12:01 PM – 12:15 PM

5<sup>th</sup> December 2019

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### Dr. Claribelezekiel

Former

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First Indian to represent the 8 International Candidates for the Pre-Post-Doctoral Training at the National Tropical Botanical Gardens (US Congress), Kauai, Hawaii, USA along with Florida State University. Over 17 years of experience as a Researcher specializing in Community Based Approach for a sustainable Natural Resource Management and Poverty Reduction with Participatory Methodologies. Have worked with International Non-Profit Organizations in the areas of Natural Resource Management, Climate Change, Environmental Impact Assessment, Rural Development, Indigenous Studies – Traditional Knowledge Systems, Women and Child Development, WASH, Agriculture, Fisheries, Socio-Economic issues, Stakeholder Coordination, Psychosocial Care and interventions. With 16 years of experience in Institutional Capacity-building, Stake-Holder Liaison, Technical Livelihood Support to reduce poverty, Community Development, Training methodologies, Technical Guidance and developed Policies, Monitoring and Evaluation.

**Specialties:** Climate Change, Environmental Impact Assessment, Solid Waste Management, Rural Livelihoods, Tribal Development, Community Mobilization, Agriculture, Fisheries and Program Management

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**Biomedical Waste Management****12:16 PM – 12:30 PM****5<sup>th</sup> December 2019**

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**Dr. Manonmoney**

Professor, SRM IST



The subject of biomedical waste management and handling has been assuming increasing significance for the past few years. The responsibility of medical administrators as regards proper handling and disposal of this category of waste has now become a statutory requirement. It is therefore highly desirable that all service officers concerned with the administration of hospitals and other health care echelons take all steps to adhere to the laid down directives. It is equally important that all service medical, dental, nursing officers, other paramedical staff and waste handlers be well oriented to the basic requirements of handling and management of biomedical waste.

The objective of this session will focus on the Government of India (Ministry of Environment, Forest and climate change) gazette notification on BMW rules 2016 and Amendment rules 2019, generation areas, categories, collection, segregation, storage and proper transport and disposal of biomedical waste. This ensures efficient management in sectors generating harmful Biomedical waste management.

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## **Sustainable solutions for Waste Management**

**12:31 PM – 12:45 PM**

**5<sup>th</sup> December 2019**

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### **Dr. Amol Vidwans**

Director, DhiMahi Sustainable

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It is Our Endeavour to offer Sustainable and Greener Business Solutions. We strongly believe that the UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS are the blueprint to achieve a better and more sustainable future for all. It is our passion and endeavour to bring, promote and market INNOVATIVE SUSTAINABLE and SMART Solutions for Smart City, Waste Management, Energy & Water Conservation in the Indian market. We Offer Sustainable and Comprehensive Solutions. –

OFF GRID "Do It Yourself Biogas Solution" for Kitchen and Animal Waste and a BioToilet add-on to the Biogas Kit.

A Non Incineration and On-Site Medical Waste Disposal Solution for handling hazardous biomedical waste especially for hospitals and medical institutions.

A Composting Solution for Residential & High-Rise Buildings in Cities. Furthermore, We also believe that Sustainable Agriculture and Water Conservation is the FUTURE!! With the primary objective to GROW MORE with LESS Water and with Water Conservation as a basic and primary objective we offer –

Reusable Water Conservation Trays for Agriculture and Plantations, and WATERBOXX and GROWBOXX for Plantations and Afforestation.



## Waste Management Initiatives

12:45 PM – 01:00 PM

5<sup>th</sup> December 2019



### **Mr. R. Suriyaprakash**

Research Scholar, CENR - SRM IST

Mr. R. Suriyaprakash is a research scholar at Center for Environmental Nuclear Research at SRMIST doing his doctoral work under the guidance of Dr. Kantha D. Arunachalam Dean-CENR. He has four Masters degree in Biotech and MBA. His research topic is neutron absorption efficiencies of boron incorporated in High Performance Concrete Materials. He has been teaching Environmental sciences and Disaster Management to under graduate students from Paramedical program and Physiotherapy program. He has been coordinating many waste management activities with various faculties like Engineering Technology, Faculty of Science and Humanities, Faculty of Medical and Health sciences at SRMIST by organizing Environmental Day celebrations, Tree plantation drive conservation of Biodiversity.

# Notes

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# **Discussion / Debate - II**

## **Role of Industries in waste Management**

5<sup>th</sup> December 2019

2:00 PM – 3:00PM

**Venue:** Mini Hall 2, Dr. T. P. Ganesan Auditorium, SRM IST

### **Speakers:**

**Tamil Nadu Waste Management Limited**  
Chennai

**Viro Green Pvt. Ltd.**  
E-Waste Management  
Chennai

**Synkromax Pvt. Ltd.**  
Agriculture  
Chennai

**Bharat G. Desai**  
Omnigene India  
Chennai

### **Chaired By:**

**Mr. Baskaran**  
Chairman,  
Industrial Waste Management  
Association

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## **Role of Industrial in Waste Management**

**02:00Pm – 03:00 PM**

**5<sup>th</sup> December 2019**

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### **Mr. Baskaran**

**Chairman, Industrial Waste Management Association**

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Mr. Baskaran was M.A in Public Administration, graduated from university of Madras. He started his career as an employee and become an entrepreneur by his hard work and determination. He was the CEO of AARTHI INDUSTRIES of electroplating by employing many people. K.BASKARAN was the Chairman of Industrial Waste Mangement Association . First he joined as EC Members served Join Secretary , then he became the Chairman of this Association. He was also the SECRETARY of Kakkalur Industrial Estate Manfactures Association. Mr. Baskaran was a District Chair Person of E-Waste Mnagement in Lion's Club

## List of Stalls

S. No	Company
1	Faculty of Agri. Science, SRMIST
2	Microscience
3	Envirotek, Coimbatore
4	Virogreen India Pvt. Ltd.,
5	No Food Waste
6	Technicon Automation Solutions Pvt. Ltd.,
7	Kankyo Cleantech India Pvt. Ltd.,
8	Tamilnadu Waste Management Limited
9	Industrial Waste Management Limited
10	Municipal Administration Department
11	Indian Institute for Human Settlements (IHS)
12	DhiMahi Sustainable Solutions Pvt. Ltd.,
13	Ganga Organic Farms
14	Kavin Organics, Tirupur
15	GJ Multi Clave
16	WABAB
17	Save Tirupur Movement
18	Arurovill, Pondichery

19	Villagers, Tirupur
20	Gramalaya - CSR Project
21	Eco Green Foundation
22	Green Aver Pvt. Ltd.,
23	Mariyam Handicrafts Marketing
24	Eco Terra, Trichy
25	Eco Energy, Pudukottai
26	Amrutha Honey
27	Duvera Global Trade
28	Ramakrishna Vivekananda Kendra
29	Namma Boomi
30	Green Rich Grow India Pvt. Ltd
31	Maxin Machine Manufacturers Pvt. Ltd.,
32	Green India Stall Organizer
33	Enagic India Pvt Ltd
34	CDEDAI - Chennai Clean City Movement
35	Ecocare Technologies
36	Synkromax Agriculture
37	SRM Initiatives on Waste Management

## **Company Overview**

ECO ENERGY provides a game-changing compostable product made from natural resources as well as full range of sustainable food packaging and hospitality products made from renewable resources.

Our company provides composting bins through which home wastes can be composted. Thanks to natural microbes which handles the waste to provide healthy environment.

ECO ENERGY has come up with groundbreaking technology that enables to replace the otherwise disposable plastic products which take hundreds and even thousands of years to be decomposed by Mother nature by using renewable resources made from plants.

Parallel to that, as a social Impact enterprise, we are committed to exercise good corporate governance through our business practices as well as adopting the Triple Bottom Line approach in assuring the sustainability of our business.

## **Core Value**

- We believe in treating our customers and Nature praise of gifts.
- To supply you with sustainable, nontoxic and affordable products.

## **Goal**

- Global expansion in the field of packaging products and waste management under the control of people.
- Increase the product range by introducing innovative packaging products and to reduce toxic products.
- To make our generation to be proud. To make future generation feel breath of sustainable nature.

Global expansion in the field of Eco friendly and Hygiene clean energy products.

## **Awards and Accolades**

- Contribution Appreciation Awards ECOFRIENDLY and Waste Management Expo's in Trichy 2019

## **Adding Values**

- Aim to offer to the Customer a best Quality and Affordable Price.

## Waste Management

Wide Range of Home Composting Kit for 30 -40 Days.

## Product and Services

Eco Friendly Food Packaging and Carry Bags Products.

## Core Business

Whole seller of Carry Bags, Paper Bags, Cloth Bags and Home composting kit.

## Market Place

Chennai, Trichy, Perambalur, Thanjavur, Ariyallur , Pudukkottai and Sivaganagai

## Career Opportunity

Marketing Executive for Home composting Products and Eco-Friendly Food Packaging products.

## Contact

Vinoth Stalin- Entrepreneur





**Eco EnerGy**  
GO FOR PLANET GREEN

+91 99 44 55 21 30  
+91 98 40 89 49 92

Chennai Office Address:  
Old No. 79, New No. 2, Indiranagar 15th Cross Street Road, Adyar, Chennai- 20

Trichy Office Address:  
Thamils avenue, Panikan street, Woralur, Trichy - 620003

Head Office Address:  
Plot No: 13, Chakravathi Nagar, Pudukkottai - 622 001.

### OUR SOLUTIONS FOR SINGLE USE PLASTICS

ECO-FRIENDLY  
FOOD PACKAGING

SAFE  
STYLISH  
SUSTAINABLE

MADE FROM SUGARCANE-BAGASSE



ECO-FRIENDLY  
COTTON BAGS  
PAPER BAGS  
PAPER STRAW  
WOODEN CUTLERY



### OUR SOLUTIONS FOR WASTE MANAGEMENT

CIRCULAR ECONOMY WETWASTE SOLUTION



CUT. COOK. COMPOST.



OUR SOLUTION FOR CARRY BAGS

CERTIFIED : ISO 17008  
CERTIFIED BY CPCB & CIPET  
100% COMPOSTABLE

These are our tools for the environment, animals and plants.

eco friendly  
biodegradable

eco friendly  
biodegradable

eco friendly  
biodegradable

eco friendly  
biodegradable

compostable  
recyclable

**Dealers Want :Thanjavur, Perambalur, Ariyallur and Sivaganagai**

## Company Overview

Gramalaya is a registered voluntary organization and has been working in the water and sanitation sector for the past 30 years. The ultimate goal of Gramalaya is to work for the amelioration of socially downtrodden people under the integrated rural development approach. Supporting Government of Tamil Nadu for its PVP - Pudhu Vazhvu Project funded by World Bank as its Technical Support Unit in providing training and capacity building program for sanitation. So far, Gramalaya has constructed more than 1,00,000 toilets with funding support under CRSP, TSC, NBA schemes of Government and with the grant support

## Awards and Accolades

No.	Title of Award	Awarding Organization	Year
1	GuideStar India (Gold)	GuideStar India, Mumbai	2018
2	Key Resource Center (KRC)	Ministry of Drinking Water, Sanitation (MDWS), New Delhi	2013
3	NGO validation Certificate	CAF India, New Delhi	2016
4	National Urban Water Award	Ministry of Urban Development, New Delhi	2010
5	Mahatma Award	Amit Sachdeva	2019

## Adding Values

Gramalaya has imparted MHM education among 5,43,000 women and girls studying in schools in the rural and urban areas. With the rich experience in the space of WASH, MHM and Nutrition, Gramalaya would like to convene a National-level summit on MHM for knowledge sharing and exchange of experiences and expertise in the MHM sector from various Government Departments, NGOs, Donors and Corporate Groups interested in promoting MHM.

## Waste Management

Gramalaya has introduced the reusable washable and eco-friendly menstrual cloth pads for women and adolescent girls in India as a part of menstrual hygiene promotion. The electric incinerators which are being installed in the public institutions and schools would often defunct and could not be renovated due to lack of after sales service.



## **Product and Services**

S.Damodaran, CEO of Gramalaya has innovated the world's cheapest, eco-friendly, skin friendly reusable cloth pads called FeelFree and later on renamed as Giocare Reusable cloth pads. The reusable cloth pads are now made available in [www.amazon.in](http://www.amazon.in) and [www.giocareclothpads.com](http://www.giocareclothpads.com)

## **Core Business**

Under SBM - Swachh Bharat Mission Gramin program, individual household toilets are promoted by Central and State Government with subsidy to the eligible families.

## **Market Place**

Gramalaya is working in 6 southern states of India and targeting women and children.

## **Sustainability**

The target communities in the operational areas of Gramalaya especially women are organized into SHGs (Self-Help Groups) and these SHGs were federated at Village-level, Panchayat and Block level. Other community-based organizations which were promoted included SHE – Teams, AWASH Committees, WASHMAN committees and children's groups, though these were basically targeted for behavior change communications (BCC).

## **Career Opportunity**

We are inviting volunteers for doing research on our work.

## **Contact**

Mr. S. Damodaran, Chief Executive Officer, Mobile: 9442570515

Mr. M. Elangovan, Executive Director, Mobile: 9443161263





## **Waste Without Borders (A project by Palmyra)**

Contact: Tel: 0413 267 8145  
wastewithoutborders(at)lilo.org

### **Company Overview**

We are Waste Without Borders, a project under the Aurovillian NGO called Palmyra. Palmyra has worked closely for many years with villagers around Auroville on agriculture and water conservation.

In the past 2 years, we have created a new project under Palmyra, called Waste Without Borders, which strives to solve the waste problem in the villages around Auroville where no functioning and sustainable waste management system exists.

By promoting Sustainable, Ecological Land use methods as well as new concepts for Integrated Solid Waste Management and Bio-fuel research, Palmyra is taking part in an ever-growing movement to support autonomous developmental processes worldwide

### **Adding Values**

We propose a solution to solve the waste problem in India which includes zero waste landfilling system

### **Waste Management**

No sustainable and functional waste management system exists in the bioregion of Auroville whereas Auroville has had a well-functioning one over the past years. Waste Without Borders plans to set up a system which will include the pickup and treatment of the waste in a way that no landfill will be required. We apply a zero-waste logic in our system.

### **Product and Services**

We pick up the waste and process the waste

Core Business: waste processing

### **Sustainability**

Currently looking for funds and local/regional/national support

## Career Opportunity

- Accounting and financial planning volunteer
- Engineers or technical people to assist us to build machines: to work on the plastic recycling Precious Plastic Project:
- build the machine
- create objects with,
- do research and development with it
- Scientific people to do research & development
- Volunteers to set up our FabLab

## Contact

Laure – 8300941041





## **Company Overview**

Total Environmental Solutions Provider

## **Awards and Accolades**

PMI Runner up Award for Top Innovator

## **Adding Values**

To Environment

## **Waste Management**

Solid Waste Management, Bioremediation, Water & Wastewater Treatment, Waste to Energy and Air Pollution Control

## **Product and Services**

Technology providers providing complete Turnkey solutions, Operation & Maintenance, Research and Training

## **Core Business**

Waste Management

## **Market Place**

All Sector

## **Sustainability**

Our sustainable innovative technologies solve world's major problem that is waste in an environment friendly manner

## **Career Opportunity**

In all segments

## **Contact**

Uma Mageshwari

*More about us: [https://www.youtube.com/watch?v=hk9\\_9SrKN0c](https://www.youtube.com/watch?v=hk9_9SrKN0c)*

*Our Projects: <http://www.kankyo.global/projects.html>*



## **TECHNICON AUTOMATION SOLUTIONS PVT LTD**

60(Old-279), Gf, Balaji Apartments, Seethanagar 2nd Street  
Nungambakkam Chennai-600034  
Email: bvvidyanandh@gmail.com

### **Company Overview**

TECHNICON Automation Solutions Pvt. Ltd., is a technology driven company promoted and run by hands-on professionals with acclaimed expertise & track record in developing and implementing progressive automation solutions. The core team at Technicon brings a combined experience of over 40 years, and a turnover of over 10 Crores

### **Adding Values**

Updating the Technologies and the Product range to provide to the end users an optimized solution under one roof, is an on-going process in Technicon

### **Product and Services**

All types biodegradable products such as cornstarch, sugarcane products (cups, plates, bowls, containers)

### **Core Business**

Biodegradable products and all types of industry solutions

### **Market Place**

Nungambakkam

### **Sustainability**

We are in the field of 12 years

### **Contact**

B.V Vidyanandh – 9790962678



## VILLAGERS

NO:58/59, LGGS Colony, Coimbatore Road, Kangayam-638701  
Contact: +91-9080664506 /04257-222772 [www.villagersindia.com](http://www.villagersindia.com)

### **Company Overview**

Incorporated in the year 2017, VILLAGERS is an Indian Eco-friendly products manufacturing company that is driven by the vision to make a difference to our routine life via sustainable source. We are one among the early movers to pursue a customized strategy of developing products primarily from coconut shell and its by-product for global markets. We hope to achieve wellness in everyone's life and preserve environment to sustain nature for our next generation by avoiding plastic. Join hand with us to enhance your health and support the planet.

### **Awards and Accolades**

Villagers Team is happy to receive the Award for the “Best Eco—Friendly Product Manufacturer in Tirupur” from South India Business Awards, SIBA 2019.

### **Adding Values**

By value—adding the coconut products, its directly and indirectly help the farmers, self-helping women groups and to remote and urban people.

### **Waste Management**

We collect the coconut shell, which is throw as waste from house, hotels and at events, and process the shell to beautiful crafts

### **Product and Services**

Coconut shell hosue hold items and crafts

### **Core Business**

Coconut and coconut shell products manufacturing

### **Market Place**

Domestic and global

### **Sustainability**

Bio and Eco-friendly product has wide market in globally. Due to Natural product, there is no damage to the environment

### **Career Opportunity**

Team of design, procurement and marketing. We growing Gradually.

**Contact:** Mr.Eswaramoorthy (Founder)



## **VIVEKANANDA KENDRA –NARDEP TRUST**

Kanyakumari -629 702

Ph:04652-246296

Web: [www.vknardep.org](http://www.vknardep.org), Email: [vknardep@gmail.com](mailto:vknardep@gmail.com)

### **Company Overview**

Vivekananda Kendra–nardep Trust. It is not a company but a Spiritually Oriented Service organization

### **Awards and Accolades**

International Ashden Award in the year of 2006. Received award for Importance of biogas slurry as a Manure

### **Adding Values**

3 decades working in the field of Bio-Methanation Technology Shakti Surabhi model Patented in India, China, South Africa and Sri Lanka

### **Waste Management**

Converting organic waste into (i) Energy (ii) Manure

### **Product and Services**

Shakti Surabhi Plant – kitchen waste-based biogas plant

### **Core Business**

Green technologies

- i. Eco friendly construction technology,
- ii. Water management,
- iii. Organic agriculture,
- iv. Traditional System of Medicine
- v. Bio-methanation technology

### **Market Place**

Transferred the technology – Karnataka, Maharastra, U.P states

### **Sustainability**

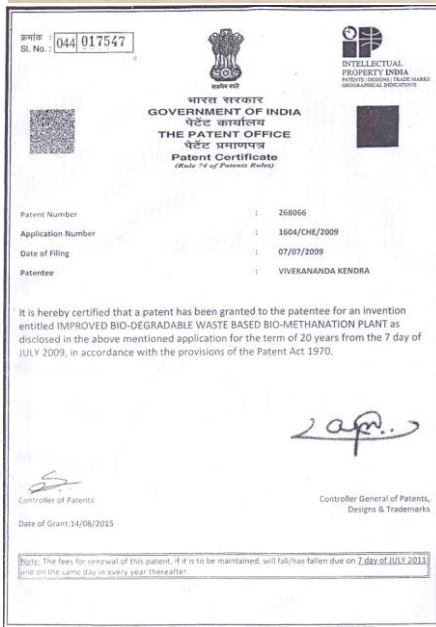
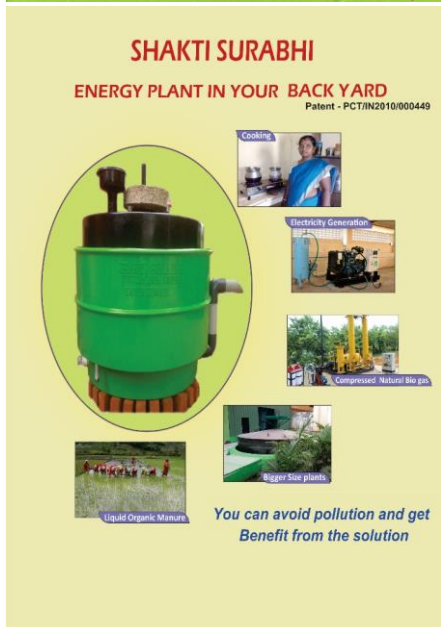
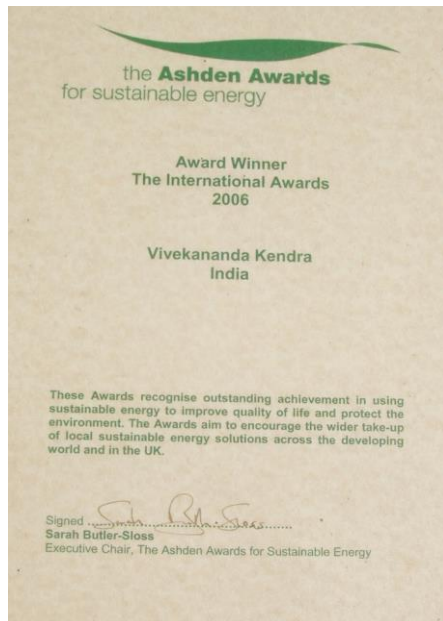
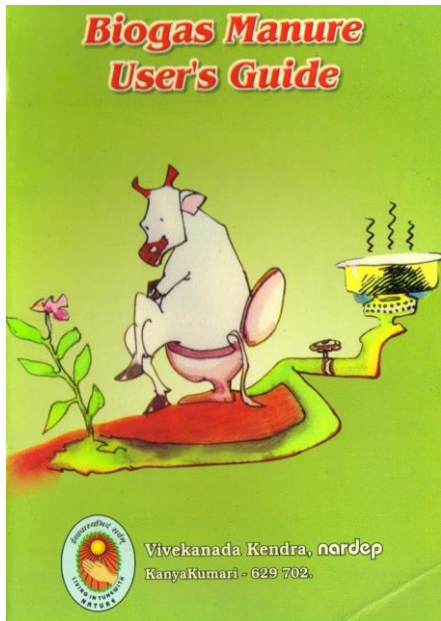
It is sustainable and will play important role in “Swatcch Bharat”

### **Career Opportunity**

Plenty. Every household should have Bio-methanation plant for decentralized waste management and so huge scope for employment

**Contact:** V.Ramakrishnan, Mobile - 9442653975







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We strongly believe that the UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS are the blueprint to achieve a better and more sustainable future for all.

It is our passion and endeavour to bring, promote and market INNOVATIVE SUSTAINABLE and SMART Solutions for Smart City, Waste Management, Energy & Water Conservation in the Indian market.

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- A Non-Incineration and On-Site Medical Waste Disposal Solution for handling
- hazardous biomedical waste especially for hospitals and medical institutions.
- A Composting Solution for Residential & High-Rise Buildings in Cities.

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With the primary objective to GROW MORE with LESS Water and with Water Conservation as a basic and primary objective we offer –

- Reusable Water Conservation Trays for Agriculture and Plantations, and
- WATERBOXX and GROWBOXX for Plantations and Afforestation.

### **Contact**

Amol on +917338810624

Email - [amol@dhimahisolutions.com](mailto:amol@dhimahisolutions.com)



## **NO FOOD WASTE**

Block 2, Rathinam Tech Zone, Eachanari, Coimbatore – 641021.

8056142349 / 90877 90877

### **Company Overview**

No Food Waste (NGO) help the society to fight against hunger and to save excess untouched food preventing it from ending in waste. We run helpline 90877 90877 for a pickup of excess food. We reach the food point via our food van, our volunteer check food quality and transferred into dedicated vessels and move to the nearest hunger spot and share the food. We recovered and distributed ONE MILLION PLATES OF FOOD, since October 2014. On an average, 1100 plates of food were being provided daily basis.

### **Awards and Accolades**

Padmanaban Gopalan bagged National Youth Award 2019 by Government of India for No Food Waste. Commonwealth Youth Award for contributions towards United Nations' Sustainable Development Goal 02 "Zero Hunger". Government of Tamil Nadu's Chief Minister's State Youth Award was received by Padmanaban Gopalan for No Food Waste.

### **Adding Values**

Feeding needy hungry people, Preventing eatable food dumping in landfills. Creating awareness to the public about the importance of feeding food to needy people

### **Waste Management**

Excess food collection instead of throwing in landfills.

### **Product and Services**

Excess Food Recovery and Distribution

### **Market Place**

Tamil Nadu (Chennai, Coimbatore, Salem, Erode, Dharmapuri, Covai, Trichy, Thirupur., Tirunelveli), Andra (Tadepalligudem) and Telangana (Hyderabad).

### **Sustainability**

Regular Food Collection and encouraging the public to share excess food without dumping in landfills

### **Career Opportunity**

Yes, Three- or Six-Month Intern

### **Contact:**

Arunkumar, Coordinator, No Food Waste, Chennai Chapter



SHARE THE EXCESS FOOD AT, **9087790877**



SHRINE VAILANKANNI SENIOR SECONDARY SCHOOL

**ZERO FOOD WASTE  
LUNCH BOX**

## **Company Overview**

Virogreen India Pvt Ltd., Chennai, Formerly as Ultrust Solutions (I) Pvt Ltd is an initiative started in the year 2002 as Government Authorized E-waste Recycler. Our aim is to reduce the accumulation of used and discarded Electronic and Electrical equipment's.

## **Awards and Accolades**

Responsible Recycler – R2 Certification

## **Adding Values**

ISO 9001: 2015 for Quality Management System

ISO 14001: 2015 for Environment Management System

BS OHSAS18001: 2007 for Occupational Health & Safety Management System

## **Waste Management**

E waste Management - We provide dedicated e-waste management services to help get rid of old technology

## **Product and Services**

Collection of E-waste, Segregation, Data Erasure, Dismantling, Shredding, Transportation, Recycling

## **Core Business**

E waste Recycling

## **Market Place**

Manufacturing, Production, IT, Bank, Hospitals, Educational Institution, etc

## **Sustainability**

Long term sustainability to provide solution to growing E Waste problem as an environmental service

## **Career Opportunity**

Any degree

## **Contact**

A. Mariaponraj – 9940620888, R. Jayakumar - 9940662999



## **GREENRICH GROW INDIA PRIVATE LIMITED**

31A, Chockanathar 2 nd street, Maduravoyal, Chennai – 600095

Ph: 9500090619, Email: [gogreen@mygreenbin.in](mailto:gogreen@mygreenbin.in)

Website: <http://www.mygreenbin.in>

### **Company Overview**

Greenrich Grow India Private Limited is into providing Eco-friendly Waste Management & Environmental Solutions by converting the Food Waste into Organic Manure / Planting Media without the support of electricity or mechanical energy in the brand name MyGreenBin. My Green Bin has come up with a unique solution to this by formulating the organic waste into extremely effective bio-fertilizers, a project initiated by leading Environmentalist, Architect and Project management consultant. We are in this industry of waste management since 2010.

### **Awards and Accolades**

Empanelled by Greater Chennai Corporation (GCC), GHMC, GVMC, MCG, MCF, Indore, Kandhwa, Suryapet Municipality and other municipalities. We are authorized by GEM, CREDAI & CII

### **Adding Values**

Reduce garbage at SOURCE, Prevent landfills & pollution, Energy Efficient, Renewable Energy, self-sustainable

### **Waste Management**

We offer Waste Management Solution by providing Composting Bins & Greenrich Organic Microbes.

### **Product and Services**

Greenrich Home Composters, Greenrich Community Composters, Greenrich Bulk Digestors, Greenrich Shredders, Greenrich Organic Microbes

### **Core Business**

We offer Waste Management Solution. We have designed, patterned and molded fiber glass bins, which is more authentic since it has good quality of aeration to prevent bad odour. We are the pioneer in giving the best range of products in Aerobic Composting for Home, Community, Institutions and Bulk Waste Generators. We provide micro solutions where waste is composted at SOURCE from 1 ltr to multiple Tones per day, to the ever-growing problem of waste piling up in the cities, thereby making the environment green by encouraging organic farming and re-establishing the Eco System by Nourishing the Soil with high Microbial content of Compost

## Market Place

Home, Community, Institutions and Bulk Waste Generators like Apartments, Hotels, Restaurants, Hospitals, Temples, Marriage Hall, Clubs, Corporates, Educational Institutions, Food Courts, Canteens and Factories

## Sustainability

We have converted 20000 Tons of Organic waste into 5000 Tons of Organic Manure / Planting Media

## Career Opportunity

Energy and Environmental Engineer

## Contact

Manoj Nair K, 9500090619

### Aerobic Composters @ MyGreenBin

#### Greenrich Home Composters



**GRC 25 PP - 25ltr**  
Digests 1/2kg of waste per day



**GRC 50 - 50ltr**  
Digests 1 kg of waste per day



**GRC 120 - 120ltr**  
Digests 3 kg of waste per day

#### Greenrich Community Composters



**GRC 250  
250ltr**  
Digests 8 kg of waste per day



**GRC 400  
400ltr**  
Digests 15 kg of waste per day



**GRC 600  
600ltr**  
Digests 20 kg of waste per day



**GRC 800  
800ltr**  
Digests 30 kg of waste per day



**GRC 1000  
1000ltr**  
Digests 50 kg of waste per day

#### Greenrich Bulk Digestors



**GRC 2000  
2000ltr**  
Digests 100 kgs of waste per day



**GRC 3000  
3000ltr**  
Digests 150 kgs of waste per day



**GRC 5000  
5000ltr**  
Digests 200 kgs of waste per day



**GRC 7000  
7000ltr**  
Digests 300 kgs of waste per day



**GRC 9000  
9000ltr**  
Digests 400 kgs of waste per day

Manufactured & Distributed by:  
**GREENRICH GROW INDIA PRIVATE LIMITED**  
# 31 A, First Floor, Chockanathan II Street, Maduravoyal,  
Chennai - 600095. Phone: 944 2378 1844  
[www.mygreenbin.in](http://www.mygreenbin.in) / [solutions@mygreenbin.in](mailto:solutions@mygreenbin.in)

Mobile : **+91 739 739 0760**  
**+91 95000 90619**



## **GANGA ORGANIC FARMS**

No: 4, G.S.A.R Complex, Navalpattu road, Thiruverumbur, Trichy -620013

Cell: +91 8754 999 004 / 005 Mail Id : gangaorganicfarms@gmail.com

### **Company Overview**

Our mission is to create awareness about organic farming, food and also involves public to do organic farming on their own terrace gardening

### **Awards and Accolades**

- 1) GREEN AWARD from Namma Chennai
- 2) Active Participation on Solid Waste management Expo conducted by Tiruchirappalli and all over Tamilnadu
- 3) Our Article published in Times of India

### **Waste Management**

We providing complete solution for Home & society-based composting

### **Product and Services**

All types of Terrace Garden Installation & Maintenance

All gardening equipments and fertilizers are available

### **Core Business**

Organic Farming

### **Market Place**

Head Office in Tiruchirappalli and we will do across all over Tamilnadu

### **Sustainability**

100 & plus counting

### **Career Opportunity**

Those who are interested in Organic Farming they will get an opportunity

### **Contact**

Harihara Karthikeyan – 9629139799

## **Company Overview**

We at GreenAver recreate history & bring back olden days culture with a modern touch. We present KADAIPAI as a source of solution towards plastic free smart sustainable environment.

## **Awards and Accolades**

Participated in events like Majappai, Clean Coimbatore Conclave, & received certificated.

## **Adding Values**

We add value to make products from waste & unused resources available around our area. For example, banana Fibre made products.

## **Waste Management**

we can make many products out of waste, using banana fiber for organic gardening, banana fiber for making baskets etc.

## **Product and Services**

Creative Cotton bags, Banana Fibre baskets, Vettiver bags, Hand fans, Garlands etc.

## **Core Business**

Manufacturing & Supply of Cotton bags & eco-friendly products

## **Market Place**

Domestic & International

**Sustainability** 5 + years minimum

## **Person of Contact**

Anitha Rajalakshmi, Managing Director



## Natural Pillows

**Green Aver Pvt Ltd**  
1088c, Meenakshi Nagar  
Thadagam Road,  
RSPuram,  
Coimbatore: 641002  
Phone: 8110996026



- ❖ Banana Fibre & Vettiver Beds/Pillows helps in refreshing and relieve from body pain.
- ❖ Vettiver smell is very good for health.
- ❖ Banana Fibre helps in body cooling.
- ❖ Banana Fibre Bed & Pillow gives deep sleep.
- ❖ Banana Fibre Beds & Pillows are long life like other type of beds & pillows.
- ❖ Banana Fibre Beds and Pillows does not create skin allergy.
- ❖ Banana Fibre + Vettiver Seat Pads enables comfortable sitting during long journeys and body fatigue.
- ❖ Banana Fibre + Vettiver Seat Pads is very useful for drivers and computer users. It avoids Piles problems.



# Live with Nature





## **MICROSCIENCE**

Block B3, Olymbia Grande, 328 GST Road, Pallavaram, Chennai - 43  
TEL.: 9042000915 / 948812470 E-mail: owcsindia@gmail.com

### **Company Overview**

Microscience was established 25 years ago after having expertise on Environmental Monitoring and Analytical Instrumentations, and closely works with world reputed manufacturers, dealing with Water Analysis, Food Analysis, EHS Instrumentations, catering to the Research Institutes, Universities and Industries, but to the recognition of the environmental challenges faced by various industries, Microscience has become specialized to deal with Water Testing Instruments, Water Treatment Plants, Sewage Treatment Plants, Solid Waste Management, Municipal Solid Waste Management and Non-degradable waste management. Microscience has a long-standing pioneer in the field of Municipal Solid Waste Management in South India. Over a span of 25 years we have developed and perfected a cost-effective and efficient method for the treatment and processing of municipal solid waste. Microscience has committed towards sustainable environment management with its focus on providing a complete solution to the utmost satisfaction of the clients.

### **Awards and Accolades**

From Private & Municipal Corporations

### **Adding Values**

No 1 in Tamilnadu in the Solid Waste Management

### **Waste Management**

Organic & Non-Degradable Waste

### **Product and Services**

OWC Machines & Bio-Filter Water Technology

### **Core Business**

Solid Waste Management

### **Market Place**

IT Parks, Hostels, Hospitals, Universities, Hotels, Apartment Complexes, Malls, Municipalities,

### **Sustainability**

Natural way of composting in 10 days

### **Person of Contact**

MR.WG. PETER - 9042000915

## **Company Overview**

Maxin India is dedicated in providing reliable solution in waste management through new technology and innovation. we are one of the leading manufacturers of shredder machines. With more than 20 years' experience in designing and development of machineries. our manufacturing process has been graded the best with highly skilled and qualified workforce. our shredding machine is user friendly to process many types of materials. we manually design and offer our machines to clients as per their customized demands.

## **Awards and Accolades**

NSIC Registered, ISO 9001-2015 Certified Company

## **Waste Management**

Maxin india shredding technology is used to transform the waste material into bio waste, recycle plastic waste minimize e-waste transit and are reused in plastic industries. here the size reduction technology has been utilized to process large objects into a small consistent size for more efficiency. this technology solution deals with the plastics, wood, paper and cardboard, aluminum can biomass waste or data storage media

## **Product and Services**

Dual Shaft Shredding Machines from The Basic Model Of 5 Hp Motor Up to 150 Hp Motor Capacity. our services include timely delivery, quick installation and commencement of the machine with training to operate the machine effectively

## **Core Business** Manufacturers of Customized Shredding Machine

## **Market Place** Global

## **Sustainability**

Our company is located at Coimbatore (India) with more than 20 years' experience in designing and development of machineries. our manufacturing process has been graded the best with highly skilled and qualified workforce

## **Career Opportunity**

Based on Skills

## **Person of Contact**

Team Head - Mr. Baskar Tamilselvi - 9751588867

Customer Support Executive - Mr.Mohamed Nizar - 9597888867

## **MARIYAM JUTE CRAFTS**

Contact no:9042676305, 7418625253.

Email id: mariyamizhandicraftmarketing@yahoo.com

### **Company Overview**

The company was established in 2005 as a manufacturer and exporter of Jute and Cotton Bags/accessories. Having years of experience, hard work, and customer-centric service approach, the company is today among the leading manufacturers and exporters of Jute and Cotton Bags. It provides high quality, eco-friendly products. Our products are famed for being 100% eco-friendly. These do not contain any chemicals at all which can prove to be harmful to the environment. We specialize in large scale manufacturing of highly attractive, eco-friendly world class jute and cotton Beach Bags, Cosmetic Bags, Wine Carrier Bags, Customized Tote Bags, conference laptop bags, ladies hand bags, Jute files etc. Jute bags are durable, strong, light in weight by considering this property Jute bags are used for packaging and transporting of cement, sand, agricultural product, glossary product etc.

### **Awards and Accolades**

Sypa entrepreneur award 2019

### **Product and Services**

Jute products (ladies hand bags, files, shopping bags, Thambulla Bag, Note pad in jute & laptop bag)

### **Core Business**

Designer Jute bags are used as shopping bags, textbook etc. With the increase of population and civilization, the demand for the jute bag is also increasing; awareness about the environment is also the reason for jute bag demand. Jute bags are easy to handle and comfortable for shopping. It has become a new fashion trend for shopping.

### **Market Place**

In and around Chennai

### **Person of Contact**

Contact no:9042676305, 7418625253.

# கவின் ஆர்கானிக்ஸ்

இயற்கை காய்கறி விதைகள் மற்றும் உரம்

ரசாயன கலப்பு உரம், பூச்சிமருந்து இல்லாமல் நம் வீட்டிற்குத் தேவையான காய்கறிகள், கீரைகள் நாமே நமது வீட்டில் வளர்க்கத் தேவையான

- நாட்டுக்காய்கறி விதைகள்
- கீரை விதைகள்
- பூ விதைகள்
- GrowBag
- CocoPeat
- மண்புழு உரம்
- பஞ்சகாவியா
- மீன் அமிலம்
- EM
- வேப்பம் புண்ணாக்கு
- கடலை புண்ணாக்கு
- வேப்ப எண்ணெய்
- பூச்சி விரட்டி
- பச்சை நிழல் வலைகள்
- பந்தல் வலைகள்
- உயிர் உரம்
- இயற்கை உரம்
- குருவி கூடு
- Coir Pots
- Coir Hanging Pot
- மூலிகை நாப்கின்
- சிறுதானிய வகைகள்
- நாட்டு கோழி முட்டை
- Home Composting Bin

மூலிகை குளியல் பொடி, மரச்செக்கு எண்ணெய் வகைகள், மரபொம்மைகள் மற்றும் வீட்டை அழகுபடுத்தத் தேவையான பூந்தொட்டிகள், சிமெண்ட் தொட்டிகள், டிஸைன் பாட்ஸ். இவற்றுடன் மாடித் தோட்டம், வீட்டுத்தோட்டத்திற்குத் தேவையான டூல்ஸ் - Pruner, கொத்து, Trowel, Sprayer, வாட்டர் பைப், பூவாளி, சிறிய மண்வெட்டி, உரமண் ஆகியவை ஒரே கூரையின் கீழ் கிடைக்கும்.

குறிப்பு : பூச்செடிகள், மரக்கன்றுகள், மூலிகைச் செடிகள், நாற்றுக்கள் ஆகியவை ஆர்டரின் பேரில் பெற்றுத்தரப்படும்.

## கவின் ஆர்கானிக்ஸ்

19-A, TSR லே-அவுட் 2வது வீதி, கொங்குமெயின்ரோடு, திருப்பூர் - 641 607

Mail : info.kavinorganics@gmail.com

போன் : 77083 97171, 76048 77171

## மாடித் தோட்டம் அமைப்பதின் அவசியம் என்ன?

- ▶ விஷமில்லா இயற்கை காய்கறிகள் நம் தோட்டத்தில் கிடைக்கிறது.
- ▶ இன்றைய இயந்திர வாழ்க்கையில் நமக்கு ஏற்படும் மனஉளைச்சலை குறைத்து புத்துணர்ச்சியும் மன நிம்மதியையும் தருகிறது.
- ▶ இயற்கை காய்கறிகள் உண்பதால் நோய்கள் நம்மை எளிதில் தாக்குவதில்லை
- ▶ நமது வீட்டு மாடியில் தோட்டம் அமைப்பதன் மூலம் வீட்டில் குளிர்ச்சியை ஏற்படுத்துகிறது.
- ▶ குழந்தைகளுக்கு விவசாயத்தின் முக்கியத்துவத்தை கற்றுத்தருகிறது.
- ▶ வீட்டில் கிடைக்கும் காய்கறி மற்றும் உணவுக்கழிவுகளை உரமாக்குவதன் மூலம் சுற்றுச்சூழல் பாதுகாக்கப்படுகிறது.

மன அழுத்தத்தை குறைக்கும் மாடித்தோட்டம்  
மன அமைதியை கொடுக்கும் மாடித்தோட்டம்  
விஷமில்லா காய்கறிகள் தரும் மாடித்தோட்டம்  
நோயில்லா வாழ்வை தரும் மாடித்தோட்டம்

திருமணம் மற்றும் விசேஷங்களில் தாம்பூலப்பைகளுக்கு தேவையான நாட்டுக் காய்கறி விதைகள், கீரை விதைகள், மூலிகை விதைகள் உங்களின் விருப்பப்படி பேக் செய்து தருகிறோம். மரக்கன்றுகளும் கிடைக்கும்.

### சேவைகள்

மாடித்தோட்டம், வீட்டுத்தோட்டம் நிழல் வலைகள், கொடிபந்தல், சொட்டு நீர் பாசனம் அமைத்தும் மற்றும் பராமரிப்பு பணிகளும் செய்து தரப்படும்



## **Company Overview**

The Indian Institute for Human Settlements (IIHS) is a national education institution committed to the equitable, sustainable and efficient transformation of Indian settlements. IIHS has been working as the Technical Support Unit (TSU) for Tamil Nadu Urban Sanitation Support Programme (TNUSSP), which supports the Government of Tamil Nadu to improve urban sanitation in Tamil Nadu. It is also supporting to develop Trichy and the town panchayat cluster of Perianaicken-palayam and Narasimhanaicken-palayam as two model locations by demonstrating innovations. The demonstrations will lead to scaling up of the sanitation interventions across the state.

## **Adding Values**

Innovation along the sanitation value chain

## **Waste Management**

Septage management or Fecal Sludge Management (FSM) includes the storage, collection, transport, treatment and safe end-use or disposal of fecal sludge.

## **Product and Services**

Technical support to Government of Tamil Nadu to scale up Fecal Sludge and Septage Management (FSSM) across the state including demonstration of technology, capacity building and behavior change communication.

## **Sustainability**

The project aims at scaling up the demonstrations in a sustainable manner, integrating technology, management and planning by working with the Government and local partners.

## **Career Opportunity**

<https://iihs.co.in/iihs-people/careers/>

## **Person of Contact**

Mrs. Shaheena Manoj

Manager – Administration

Mobile: 9790901100

## **Company Overview**

Faculty of Agricultural Sciences, SRMIST, Kattankulathur

## **Adding Values**

Educating graduate students in Agriculture

## **Waste Management**

Teaching Agricultural Waste management

## **Product and Services**

Agro-Bio products/ Consultancy/Training

(Panjakavya, Jeevamritham, Beejamritham, Gana Jeewamritham, Bramhasthiram, Neemasthiram, Agniasthiram, Neem paste, Fungicide, buttermilk, Protein powder, Kavasadheen, Compost, Vermicompost, Biofertilizer, Microbial Enriched Biochar, Mushroom)

## **Core Business**

Agricultural Education and Research

## **Market Place**

India

## **Sustainability**

Permanent

## **Career Opportunity**

Agro-industry, education and research

## **Person of Contact**

Dean



### Company Overview

VA Tech WABAG Ltd is a global leader in the water sector with presence in 4 continents and over 20 countries. WABAG has been a reliable and competent partner to the governments, municipalities and industries in emerging markets. Emerging markets face numerous challenges such as high contamination of water sources, losses during water distribution, and low % of population connected to water and wastewater networks, inadequate treatment infrastructure, quality of water and treated sewage not conforming to prescribed norms and sludge management. Solutions to these challenges have been the company's focus, improving the infrastructure and coming up with alternative sources to support economic development.

WABAG's commitment to develop and improve water and wastewater infrastructure has been demonstrated in Africa, Middle East, South Asia, South East Asia, Europe and Latin America. Our projects facilitate secure access to clean water for a large population and quality wastewater treatment for both the municipal and industrial sectors. WABAG has executed over 1300 plants over the last 2 decades, producing 23 million m<sup>3</sup> of clean water/day, supplying over 91 million people with safe drinking water, purifying 31 million m<sup>3</sup> of wastewater/day, connecting 118 million people to wastewater networks and recycling over 2 million m<sup>3</sup> of water every day.

The company's focus is on being a technology partner with process know how and strong global references to optimize processes and effectively manage new and existing infrastructure. WABAG's presence and expertise in the water treatment sector for over 9 decades are corroborated by its comprehensive offerings comprising Drinking water treatment, Industrial and process water treatment, Sea and brackish water desalination, Municipal wastewater /used water treatment, Industrial effluent treatment, Sludge treatment & Power generation and Water Reclamation systems (Recycling and Reuse). These value propositions validate the brand's tagline: Sustainable Solutions for a better life.



## **NAMMA BOOMI**

15th Cross Street, Indira Nagar, Adyar, Chennai – 20  
Ph: 04448674579, 9840894992 | Web: [www.nammaboomi.com](http://www.nammaboomi.com)

### **Executive Summary:**

Namma Boomi has emerged out of the shackles of innumerable non-degradable wastes that are haunting us day by day. We at Namma Boomi relentlessly search and provide Eco-Friendly, bio-degradable, natural and sustainable alternatives.

We provide solutions to Household waste through Home Composting and Community Composting by converting wet waste into manure and Sustainable alternatives to Sanitary napkins and diapers and Eco-friendly products which can be either composted or recycled.

Namma Boomi has a range of products which caters the need of environmentally concerned clients.

### **Our Program:**

We believe that Environmental care is the most profitable investment as it makes our surroundings healthier and comfortable to live.

#### **#CUTCOOKCOMPOST**

It is a program on Wet waste management through compost ‘at-source’ the bio-waste through a simple, natural aerobic composting process which is very easy to learn and manage the manage food scrap at home to ensure clean and hygienic surroundings.

#### **PLASTIC LOVE #BREAK THE RULES**

Plastic is indispensable in our Life, dispose it safely with love for recycling and avoid single use Plastics and pick up alternatives from us.

#### **PERIOD LOVE #BLEEDGREEN**

It is a campaign that encourages conversation on Menstruation, menstrual products, their impact on health and environment.

Chief Minister of Tamilnadu Shri Palaniswami checking our sustainable alternative to Single use Plastic:





## **TAMILNADU WASTE MANAGEMNT LIMITED – RAMKY GROUP**

Sipcot Industrial Complex, Gummidipoondi – 601201  
Ph: 04427323310,27922068 Email – tnwml@ramky.com

### **Company Overview**

Tamilnadu Waste Management Limited, TNWML has started in 2007 as a PCB authorized harardous waste Transport, Storage, Disposal facility

### **Awards and Accolades**

Received many from state and central govt bodies

### **Adding Values**

NABL accredited lab, BSI certified facility

### **Waste Management**

Integrated waste management

### **Product and Services**

Collection of common hazardous integrated waste treatment storage na disposal

### **Core Business**

Integrated waste management

### **Market Place**

Manufacturing, Production, IT, Hospitals, Research Institution & Universities

### **Sustainability**

Long term sustainability towards environment care & protection

### **Career Opportunity**

For good academic profiles

### **Person of Contact**

Mr. Nirmal, Head – MBD, 9677122683



## **DUVERA GLOBAL TRADE**

L36A, Bharathidasan colony, KK Nagar, Chennai -600078

Mail id :info@duveraglobaltrade.com,

Ph: 9941906179/9629997530

### **1. Company Overview : DUVERA GLOBAL TRADE**

(Exporter and Trader of Leather Goods )

**2. Adding Values : Our Brand Name ‘IBEX’**

**3. Product and Services : Leather belt, wallet, bag and gift article**

**4. Core Business : Leather Accessories**

**5. Market Place : IT Company, Manufacturing**

**6. Person of Contact :S.Anitha – 9941906179**

**K.Dhanavel -9629997530**

### **About us**

At Ecoterra, we believe there is an Eco-friendly solution for every packaging needs. A more valuable, less invasive way where the resources are protected rather than depleted. We're excited to provide the biodegradable alternative to plastics to the society

### **Our services,**

offers a broad line of Biodegradable and compostable bags and tablewares, designed to meet all the spectrum of single use packaging requirements.

Whatever your packaging needs, we have a standard or specialty product, to cater. Plus, our products are available in all the sizes and lots small or large lot sizes. whatever the quantity, you can count on us to deliver it in a timely manner.

### **Our team,**

Our team is comprised of passionate dreamers, visionary, environmental activists, doctorates and experienced plastic technologist who are smart and has love for the nature, they are passionate, always seeking out the full potential in every aspect of their lives

### **Mission statement,**

To provide Eco-friendly alternative to every conventional plastic packaging application.

At Ecoterra, its not the business or the customer, for us the nature comes first.

Online capabilities, our web page offers, complete product information with our supply capabilities. We have single click sample ordering and bulk ordering systems. First of its kind in the bioplastic industry.

Our sales and marketing team consist of people from production experience and application knowledge.

We have partnership with leading logistics operator throughout India. We shall provide not only the product at cheap price but also the logistics.

Before launching the product, we tested 2 tons of sample from global leaders in 50 different plastic converters across India. And selected only 12 of them after stringent quality tests and checking their plant capabilities. Our present plant capacity is 2000T per month.

BIO DEGRADABLE

COMPOSTABLE

ECO FRIENDLY

FOOD SAFE

BIO BASED

# Notes

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# Notes

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## Technical Session

### Day 1

- ✓ Wealth Out of Waste
- ✓ Waste Management - 5R: Refuse, Reduce, Reuse, Repurpose, Recycle
- ✓ Waste Management Emerging Sectors
  - Hotel Waste Management
  - Bio-Medical Waste Management
- ✓ E-Waste Management
  - ICT and MIS
- ✓ Legal Aspects and Mandatory Regulations



### Day 2

- ✓ Waste Management Impact and Assessment
- ✓ Entrepreneurship Opportunities in Waste Management
- ✓ Waste Management Marketing Trends
  - Market Integration for Waste Management
- ✓ Waste Management Treatment Technologies and Methods
  - Waste Management Technologies
- ✓ Waste Management Banks
  - Reclamation, Remediation and Capping



## Contacts

Dr.V.M. Ponniah ,(Dean-SOM,SRMIST)

94449 59156

Dr.Kantha D Arunachalam,(Dean CENR,SRMIST)

99622 11166

Dr.S.Ganapathy,(Director-Corporate Relations,SRMIST)

99400 36016

Dr.Rajan Patil,(Nodal Office SWACHCHATA ACTION PLAN,SRMIST)

94458 11610

✉ [mbawmse.ktr@srmist.edu.in](mailto:mbawmse.ktr@srmist.edu.in)

 **Mahatma Gandhi National Council of Rural Education (MGNCRE)**  
Department of Higher Education, Ministry of Human Resource Development  
Government of India



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