

**TEMPLE**

**EXAMPLE**



Most Revered Arul Sri Sakthi Amma  
The entire Credit goes to  
Arul Sakthi Amma ,  
Sri Narayani Peedam , Sripuram  
for Vision , Knowledge & Drive &  
Vellore SAKTHIe Amma ExNoRa

# How it all started ?

➔ With the swelling of pilgrims into thousands per day , the waste generated also became huge.

➔ Sri Sakthi Amma also was kind to come with the offer of collection of waste from the nearby villages





ExNoRa Green Temple Award

&

ExNoRa's

"The Best Eco-friendly Campus of India  
Award"

to

*Golden Temple, Vellore*

for the best eco-practices  
of the TEMPLE







**The Golden Temple &  
The largest  
Green Temple of the World**

















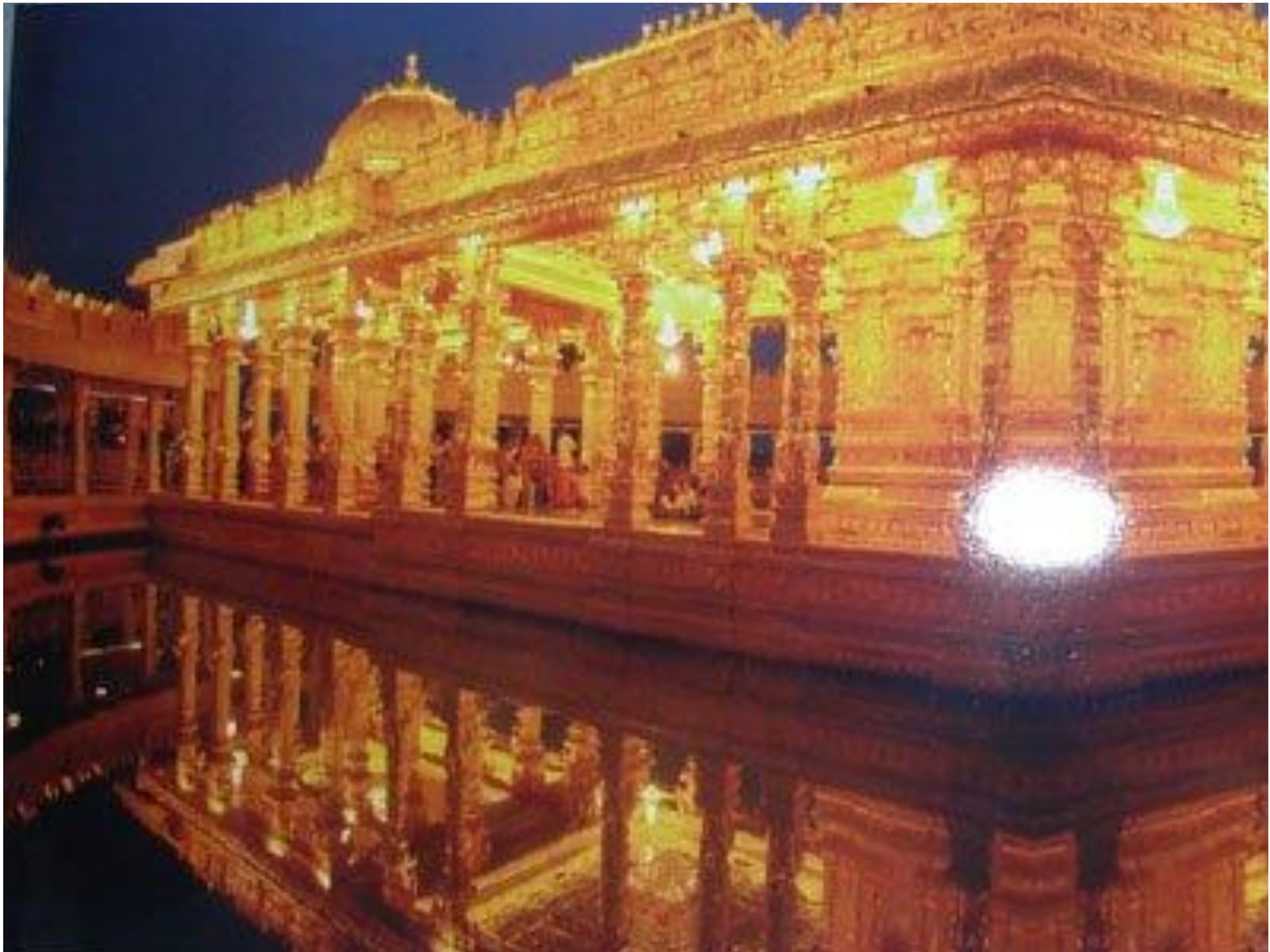
In the NIGHTS the temple glitters















The Sripuram - Spiritual Park is  
Amma's dedication to the World and  
all of Mankind.

➔ Sripuram spreads over 60 acres of land planted with a large variety of trees, breathtaking Landscape, Fountains, Eco-pond, Cascade Pathways in the shape of the Sri Chakra, lined with Scriptures from various religions of the world.

The Sripuram - Spiritual Park is  
Amma's dedication to the World  
and all of Mankind.

➔ At the very centre of the Sri Chakra pathway stands a Majestic Temple. This spiritual path is meant to foster greater reverence towards other religions.



WORLD'S BEST GREEN ARCHITECTURE  
உலகின் தலை சிறந்த பசுமை வடிவமைப்பு





➔ The temple is a paradise of sorts, where tranquility, greenery and peace reign supreme.

➔ An attractive-looking terracotta-tiled ceiling over the 1.5 km long star-shaped foot path leading to the temple provides for the entry of ample natural light and wind.



"ExNoRa Green Temple Award" → The Golden Temple of Sripuram is a spiritual park situated at the foothills of Malaikodi, a village within the city of Vellore in Tamil Nadu, India.

→ SRIPURAM received "ExNoRa Green Temple Award" and "ExNoRa Best Eco-friendly Campus of India Award" from Deputy Chief Minister of Tamil Nadu, Shri M.K. Stalin on 27th October 2007

ExNoRa's best enviro-model of the world.

→ ExNoRa International is a non-government environmental service organization.

→ The body has rated the temple as one of the best enviro -model of the world.



➔ The eco-friendly features include Solid Waste Management (SWM), Liquid Waste Management (LWM), Rain Water Harvesting, Bio-Gas Generation, Organic Farming, Herbal Gardens, Paddy Fields & Tree Plantations, Hill & Campus Afforestation & Harnessing of Solar Energy.

➔ Manure and water for cultivation are generated internally.

**Sri Sakthi Amma's**  
**EXNORA ZERO WASTE**  
**MANAGEMENT PROJECT**

OM NAMO NARAYAN  
இந்தியாவிலே முதல்முறையாக  
கோவிலில் நடக்கும்

ஸ்ரீ சக்தி அம்மா  
எக்ஸ்னோரா திடக்கழிவு  
மேலாண்மை திட்டம்

திடக்கழிவு மேலாண்மை  
(குப்பையை எஞ்சாக்கும் திட்டம்)

SRIPURAM TEMPLE EXNORA  
SRI NARAYANI PEEDAM, SRIPURAM, VELLORE - 55.

SRIPURAM

It is also a TEMPLE for ENVIRONMENT



# The 12 Best Eco- Practices of Vellore Golden Temple

01. SoSoWaM - Source Solid Waste Management
02. SoLiWaM - Source Liquid Waste Management
03. SoGaWaM - Source Gas Waste Management
04. SoRaWaHa - Source Rain Water Harvesting
05. Using Natural Light (Sky Light) & Wind
06. Tree Planting
07. Campus ,Social & Hill Afforestation
08. Horticulture
09. Herbal Garden
10. Landscaping
11. Pond Rain Water Harvesting
12. Eco-park

SoSoWaM

Source

Solid

Waste

Management



# **Zero Waste Management (ZWM)**

**➔** The temple also practices Zero Waste Management. This system includes a biogas plant. Between April 2002 and November 2003, the system has generated 33.8 tons of compost (worth Rs. 52,280) and earned Rs. 22,400 through sale of recyclables.

**➔** The compost generated is used in various areas within the temple site like the gardens, agricultural fields, nurseries and for hill restoration.

**➔** The success of the project has encouraged the management to extend the ZWM to the Malaikodi village.

Sakthi Amma

ExNoRa's STATE of ART  
WASTE COLLECTION  
(Pedal Energy for  
Petrol Energy) Human  
Resource for Natural  
Source



# Waste Collected by “Sri Sakthi Amma ExNoRa Temple Beautifiers”





# Solid Waste Collection by Sri Sakthi Amma ExNoRa





# Green Temple . “ Sri Sakthi Amma ExNoRa Waste to Wealth Center” welcomes you



The wonder team with their leader President ,Sakthi Amma **ExNoRa** Exn. Meenakshisundaram. 150 women have been employed by **ExNoRa** Zero Waste Center .





# Sri Sakthi Amma ExNoRa's Waste to Wealth Wonder World (W4)





Three Tier Green Wall outside  
Sri Sakthi Amma ExNoRa's  
Zero Waste Centre





# **Not a Marriage Hall. The Main Entrance of the Sri Sakthi Amma **ExNoRa** Zero Waste Centre**





# Sri Sakthi Amma ExNoRa

## Waste Segregation



# Waste Management of Sri Sakthi Amma

## ExNoRa

- ➔ Plastics and glasses are shredded, papers compressed into bales and sent for recycling by the Solid Waste Management system.
- ➔ Sripuram Temple attracts a daily footfall of over 5,000 which translate into two tonnes of waste, both bio-degradable and recyclable.
- ➔ The waste is either turned back into material or into manure which is used for the site's soil.
- ➔ The waste water is recycled and used to irrigate the grass and plantations. Vegetables for meals are grown internally.

# SRIPURAM ExNoRa Zero Waste Center

## Work Area & Office Space







SRIPURAM ExNoRa  
– ECOBITION on kinds of wastes

**RECYCLABLES**



- ➔ The recyclables are segregated into 48 categories, packed and sold to recyclers.
- ➔ The average income from sale of compost and recyclables is Rs.1 lakh per month.
- ➔ An average of 2 tonnes of garbage is collected everyday from surrounding areas.

Perfection has been achieved in segregation recyclable wastes







**RECYCLABLES**



# **Drying of the recyclable Waste is also quite important**







## Segregating plastic waste – grade-wise





# Plastic Waste Segregated grade-wise





**It is not WALLMART Departmental Stores. It is all waste neatly segregated and packed waiting for transportation to Recycling Industries**





# Segregation of waste into over 45 varieties





# Milk Sachets being cleaned for Recycling



# Cleaning the separated waste to be re-used





# Plastic shredding that is done by **RECYCLERS** who collect waste



**The recyclers Shred plastic waste and keep in bags to make transportation**

# Plastic Waste Segregated grade-wise





# Pet Bottle Waste





# Crushing of Pet Bottles for reduction of its volume





# **Pet Bottles Crushing by the Unit of Recyclers so that more volume can be transported**



**Pet bottles are broken by machine as Chips to reduce its volume**



**Shredded plastics**

# Segregated plastics transported for sale to recyclers





# Baling of Paper to transport more volume of waste





**Paper Waste is compressed and made as BALES for volume reduction and making its transportation economical**





# Card board waste stocked, ready for transportation to recyclers



# **Packing Box waste is weighed before being sold to recyclers**





# Plastic waste comes back as finished products



# **MULTIPLE LAYER FILM LAMINATION WRAPPERS**





# Recycling of recyclable waste done by Recyclers



COMPOSTABLE



# Waste Processing Facility (WPF)

- ➔ The temple authorities have set up a Waste Processing Facility (WPF).
- ➔ Four to five metric tons of garbage generated daily is processed by 70 workers.
- ➔ The bio - degradable waste is converted into organic manure through aerobic composting and vermicomposting.
- ➔ During the treatment process, natural manure is created and used at the **Sri Sakthi Amma Greenery Afforestation Revolution** (SAGAR) and the **Sakthi Amma Afforestation Program** (SAAP). Cleaning powders are made from fruit and vegetable peels.

**A maternity Home for Earth Worms . Earth Worms are not only Friends of Farmers also Friends of Environment**





**Cow-dung is an important ingredient in waste management and bio-gas production**





# Drying of garden leaves & palm leaf cups





# Garden leaves & Palm leaf cups are powdered through machine for faster composting





**Grinding process of compostable  
wastes for fast & easy  
decomposition**



கழிவுகளை  
தூளாக்கும் பிரிவு  
Chopping Section

வகைப்பிரித்தல்  
பிளாஸ்டிக்  
Segregation - Plastic

வகைப்பிரித்தல்  
Segregation - Plastic & Metal





A woman wearing a green dress, a blue headscarf, and yellow gloves is watering a plant in a wire cage. She is holding a yellow hose. In the background, there are yellow tarps and trees. In the foreground, there is a large pile of reddish-brown soil.

# COMPOST BEDS



# Clean & Neat compost sheds



# Vermi-compost bed & the earth worms





# Mechanical sieving of compost





# Sieving of compost







அருள் திரு சக்தி அம்மா

ஸ்ரீ புரம் எக்ஸ்டீனாரா  
திட கழிவு மேனாண்மை திட்டம்



**Sieved compost**



**Fruit peels are converted as organic detergent**





# Segregated Metal Scrap ready for sale







Beautiful Landscape &  
Fountain in the Sakthi Amma **ExNoRa**  
Zero Waste Centre

# Sakthi Amma Vision

"It is not

WASTE WATER,

but

USED WATER.

It can be treated and  
used again for irrigation"



SoLiWaM

Source

Liquid

Waste

Management

# SEWAGE & WATER TREATMENT





# ORGANIC WASTE & ANIMAL DUNG MIXER



Bio gas is generated through anaerobic decomposition of organic waste & animal dung, which used in for cooking







**SEWAGE after TREATMENT used for  
Irrigation**

Sri Sakthi Amma

SoGaWaM

Source

Gas

Waste

Management



**Well maintained DAIRY gives milk for food + cow-dung for bio-gas for cooking & lighting**



Sri Sakthi Amma

SoRaWaHa

Source

Rain

Water

Harvesting



# Sakthi Amma Vision

“Not even a drop of rain water should flow out as waste, but should be harvested by bore wells & Temple created ponds”

# Water conduits / Channels





# Temple made **Rain Water Harvest Ponds**



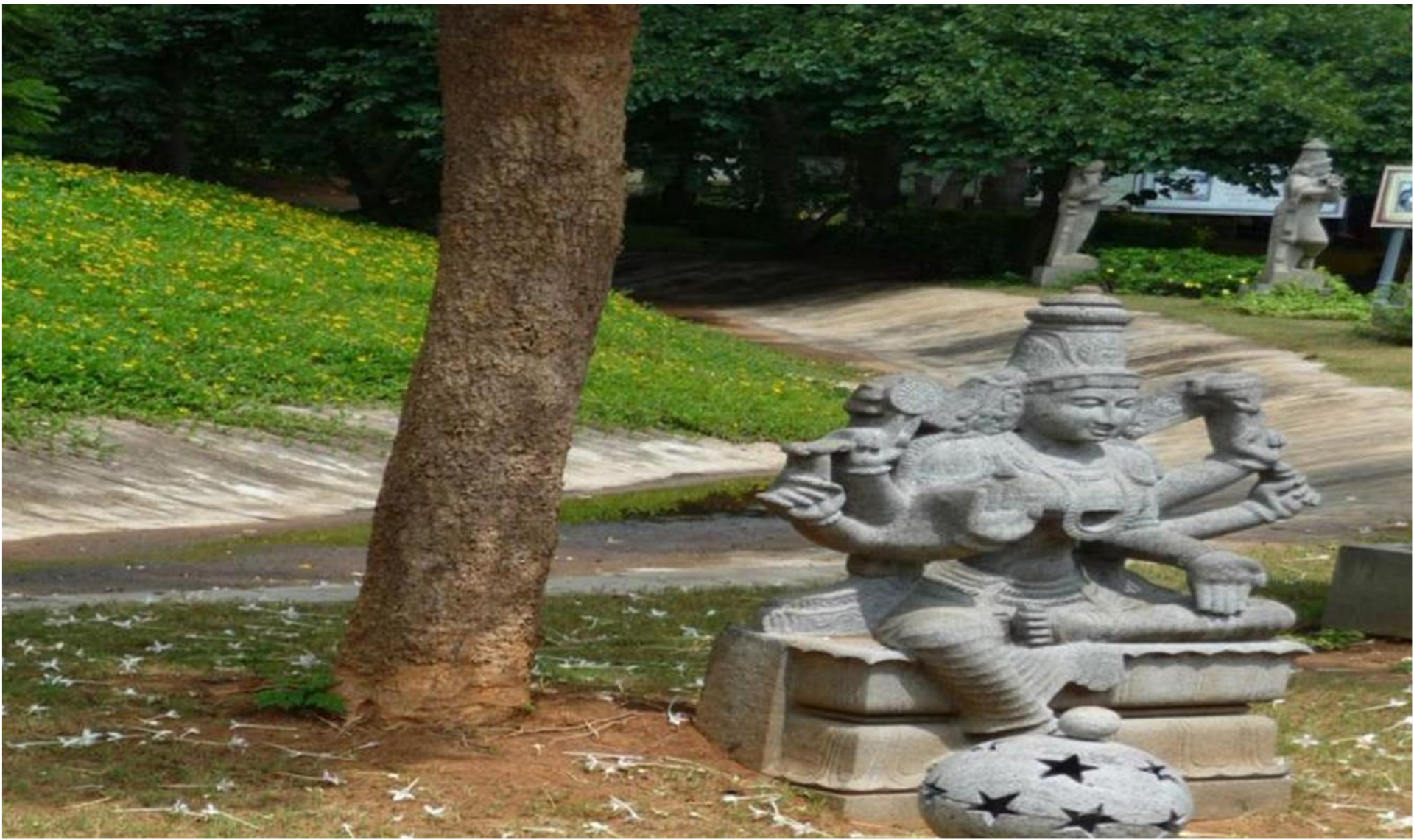


# Not SWEDEN, but SAKTHI AMMA GOLDEN TEMPLE





# Not SWITZELAND , but SAKTHI AMMA GOLDEN TEMPLE



# Not KODAI, but SAKTHI AMMA GOLDEN TEMPLE





# RAINWATER SUCTION PONDS



Sakthi Amma an  
Environmentalist Par Excellence .  
Amma was aware of Sky Light & Natural  
Wind are called as **Heaven Energy &  
Paradise Power** which are being used on  
a large scale





# Sky Light & Natural Wind





# Sky Light & Natural Wind





Change “Climate Change”

Vellore has a nickname as

**VEYILOOR,**

meaning a **VERY HOT PLACE.**

But Narayani Peedam is  
doing well to make Vellore a  
**COOL PLACE** by its massive  
**AFFORESTATION** programme

# Narayani Peedam has three types of Afforestation Programmes

Temple  
Campus  
Afforestation  
Programme

Social  
Afforestation  
Programme

Hill  
Afforestation  
Programme



# MASSIVE AFFORESTATION PROGRAMME

A young tree sapling is protected by a yellow wire mesh cage. A yellow sign with a green border is attached to the cage, displaying the text 'SAKTHI AMMA AFFORESTATION PROGRAMME.' in bold, dark red capital letters. The background shows lush green foliage and a building with a statue.

**SAKTHI AMMA  
AFFORESTATION  
PROGRAMME.**





**Campus Afforestation Programme**



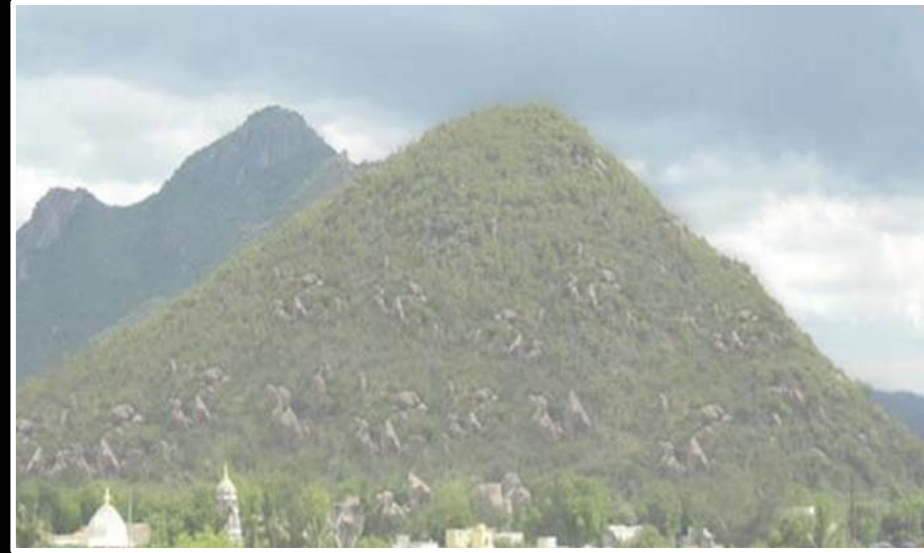
# SAKTHI AMMA Social Afforestation Programme





# NARAYANI PEEDAM HILL AFFORESTATION PROGRAMME

Vellore hills  
before  
afforestation  
programme



Vellore hills  
after  
afforestation  
programme





What you need  
for afforestation  
is a world class  
**NURSERY !**

# Nursery

# 1





# Nursery

# 2





# Nursery 3





With treated waste  
water & solid waste  
becoming excellent  
natural manure, the next  
project of Narayani  
Peedam is a large scale  
organic farming

# ORGANIC FARMING





A person wearing a bright orange garment is holding a large, green, striped squash. The squash is oval-shaped with a dark green stem. The person's hands are visible, holding the squash from both sides. The background is a lush field of large, green, lobed leaves, likely from the same plant. The ground is visible as reddish-brown soil. The text "ORGANIC HORTICULTURE" is overlaid in the lower half of the image.

# ORGANIC HORTICULTURE



[illegible]



# Organic Herbal Garden – a Green Pharmacy





**NOT A 5 STAR HOTEL TOILET ,  
but TEMPLE PUBLIC TOILET –  
maintained spick & span 24 x 365 by cleaners who have to  
sign every two hours & supervisor every 4 hours**





**When pilgrims stand in the queue, they don't feel bored as important divine & social messages are kept as signs throughout their long PRADASHNAM**



You don't need to go to  
Europe, USA & Singapore.

Go to

**Vellore Golden Temple**

and see the parks created  
by **Sakthi Amma.**

The temple itself is inside a  
huge park



# Sakthi Amma made VELLORE GOLDEN TEMPLE as SINGAPORE

A Singapore Park



Sakthi Amma Park





































chanting is not only for you,  
but for the world  
சத்தியம் உலகத்திற்கும் உடனாக  
உரைக்கப்பட்டது தான்  
நா - நா நமோ ஸ்ரீ ஸ்ரீ ஸ்ரீ  
ஸ்ரீ ஸ்ரீ ஸ்ரீ ஸ்ரீ ஸ்ரீ ஸ்ரீ





Sri SAKTHI Amma Inaugurates the 3<sup>rd</sup> ExNoRa  
SWM Unit & En. Meenankshisundaram,  
President, Sakthi Amma ExNoRa





# Sri SAKTHI Amma with M Suresh Babu, Director, Sri Narayani Peetam, Sripuram at the Temple **ExNoRa** Vermi- compost tanks



The Collector opens the 3rs Zero Waste Management Centre in the presence of Sakthi Amma & **ExNoRa** Founder Exn M B Nirmal (at the extreme right )





Sakthi Amma, **ExNoRa** Founder Exn M B Nirmal & the Collector are wonderstruck with the harvested and neatly packed **ORGANIC MANURE** . Yesterday's stinking waste is today's fragrant compost, thanks to Mother Nature



# Green Temple . “ Sri Sakthi Amma ExNoRa Waste to Wealth Center” welcomes you





The wonder team with their leader President ,Sakthi Amma  
ExNoRa Exn. Meenakshisundaram. 150 women have been  
employed by ExNoRa Zero Waste Center .





The **ExNoRa**  
SHG Women  
pay reverential  
respect to Sakthi  
Amma

They offer  
their prayer  
to the  
Almighty





Human Resource used to  
save Natural Resources , thanks to  
Sakthi Amma  
ExNoRa Temple Beautifiers



**The Backbone of this project are the 150 SHG women who are a happy lot. Garbage is minus & unemployment is another minus. **ExNoRa** combines them and make it as a major PLUS . This idea has to be followed in all places .**





**Hon'ble Thiru APJ Abdul Kalam inaugurates the massive tree planting for the year of the Vellore Golden Temple . The person at the extreme right is Sakthi Amma the sponsor of the project.**

**The person standing in between is  
ExNoRa President, Mr Meenaksisundaram .**



This was the first temple , the Hon'ble CM, Mr karunanidhi an ardent atheist visited , to see the social service & environmental projects of Sakthi Amma & distribute temple's aids to poor and children needing heart operation





**ExNoRa GREEN TEMPLE AWARD** presented by the Deputy Chief Minister on behalf of **ExNoRa** to the TEMPLE In the Picture are Deputy Chief Minister, Sakthi Amma, **M Suresh Babu, Director, Sri Narayani Peedam** receiving award PWD Minister Durai Murugan & **ExNoRa** Founder Exn M B Nirmal



India National Flag flying at a great height at the Temple Campus must be proud of this temple and it exhibits the same adequately





*Contact Us*

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The best Prayer one could offer is to help keep the temple clean. Make your temple clean, green & a model . Start Temple ExNoRa & make your Temple an Example.

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