

Introduction

- **ExNoRa SEVA HUB
ANOTHER IMPORTANT SERVICE
ExNoRa ENVIRONMENTAL TRAINING
INSTITUTE**
- **AUTHORED by**
- **Exn. SEKKHIZHAR NIRMAL,
Founder, ExNoRa International,
@mbnirmal**
- **www.exnora.org/temple**



ExNoRa Seva Hub

ExNoRa Environmental Training Institute

EETI



ExNoRa



WORLD of WASTE MANAGEMENT

**Solid Waste Management
(SoWaM)**

**Liquid Waste Management
(LiWaM) &**

**Gas Waste Management
(GaWaM)**



ExNoRa



WORLD of WASTE **MANAGEMENT**

is part of

MANUSHYA SHASTRA, HUMAN SCIENCE for
BEING HUMAN BEING

for realising

JEEVAN SHASTRA LIFE SCIENCE for
LIVING as HUMAN BEING

Eight KINDS of ENVIRONMENT that will TRANSFORM the LIFE of anyone.

ExNoRa will guide you to get each one of these.

Clean Environment	É Œñ ñò£ù ² YÄ,, Å ö™
Green Environment	ð² ¬ ñò£ù ² YÄ,, Å ö™
Built Environment	è†´ ñ£ù ² YÄ,, Å ö™
Safety Environment	ð£¶ è£Š¹ ² YÄ,, Å ö™
Livelihood Environment	õ £ õ £î £ó ² YÄ,, Å ö™
Social & Harmonious Environment	êí è ñYÄ< ï™L í , è ² YÄ,, Å ö™
Mental & Cellular Environment	ñù < ñYÄ< à J óµ ² YÄ,, Å ö™
Climatic Environment	ð¼õ G¬ ô ² YÄ,, Å ö™

ENVIROTITLEMENT

**What you can do
immediately, quite
easily in realising
the Eight kinds of
Environment ?**

PROBLEM



**7th Sense Solutions
found**

Total Reversal

Mosquito

**MustQUITo ©
MustQUITo ©**



thru **“MustQUITo ExNoRa”**

PROBLEM



7th Sense Solutions found

Total Reversal

NOISE HOARSE

**Deafening
Noise
Pollution**

**Make it
NICE NOISE**

via

**Voice Against
Voice Against**

**Noise ©
Noise ©**



Box speakers with low decibels

thru "Voice Against Noise ExNoRa"

PROBLEM



7th Sense Solutions
found

Total Reversal

Water Issues

Water Wiser
Water Wiser



thru "Water Wiser **ExNoRa**"

PROBLEM



7th Sense Solutions
found

Total Reversal

Insufficient
Water

Cater Water ©
Cater Water ©



thru “Water ExNoRa” & part of Jeevan Shashtra

PROBLEM



**7th Sense Solutions
found**

Total Reversal

**Unclean water from
Unhygienic public water
fountains**

**Revere Water ©
Revere Water ©**



thru "Water **ExNoRa**"

PROBLEM



7th Sense Solutions found

Total Reversal

RainPain due to Water Stagnation



Rain Gain ©
Rain Gain ©

Rain Water Harvesting in streets & open spaces



thru “**Rain Water Harvesting ExNoRa**”



Total Reversal

Sewage Savage



Sewage
Passage



thru "SEWERAGE ExNoRa"

PROBLEM



7th Sense Solutions found

Sewage Wastage

**Sewage Usage ©
Sewage Usage ©**



Lights &



cooking gas

thru "SEWERAGE ExNoRa"

PROBLEM



**7th Sense Solutions
found**

**Sewer
Nowhere**

**Sewer Server ©
Sewer Server ©**



**The sewer system was laid by people
by Sharamdan @ zero labor cost**

thru "SEWERAGE ExNoRa"

PROBLEM

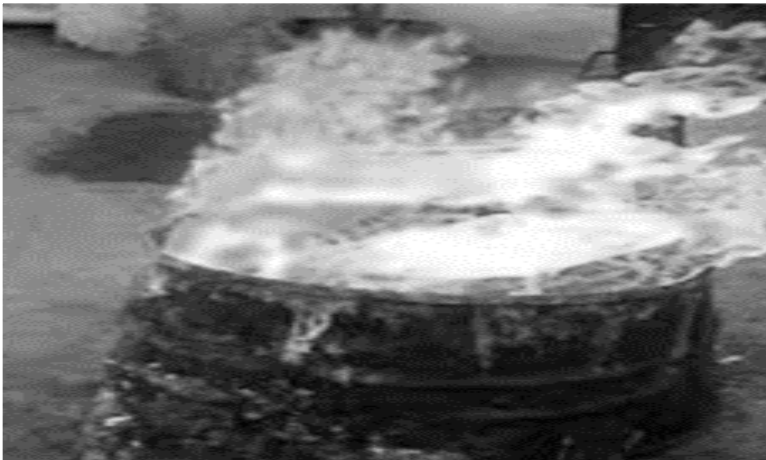


7th Sense Solutions
found

Total Reversal

Air Pollution

Care Air for Pure Air
Care Air for Pure Air



thru "Cure Air ExNoRa"

PROBLEM

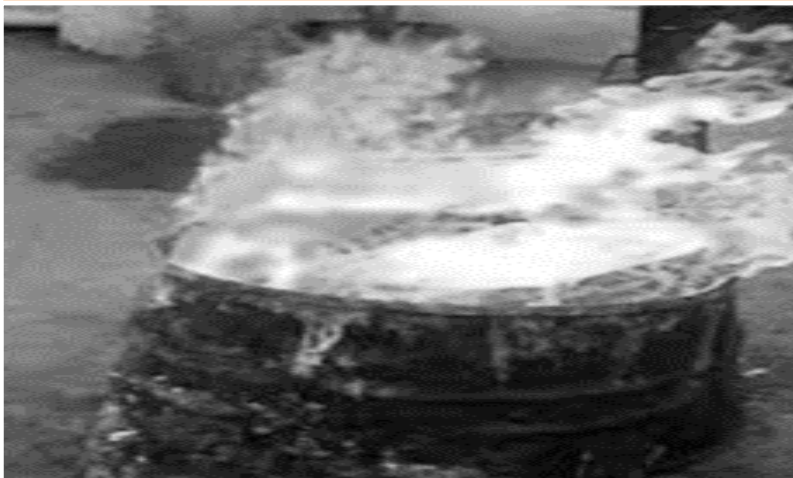


**7th Sense Solutions
found**

Total Reversal

Air Pollution

Cure Air for Pure Air
Cure Air for Pure Air



thru “Cure Air **ExNoRa**”

“E” in SHE is for

ENVIRONMENT ENTITLEMENT

- ENVIRONMENTAL PROTECTION
(NATURAL ENVIRONMENT)
- ENVIRONMENTAL SANITATION
(BUILT ENVIRONMENT)
- SOCIAL ENVIRONMENT the main mission of ExNoRa is creating a wonder SOCIAL ENVIRONMENT via its associate organization
“Maa” MOTHER EVERYWHERE

**1. Environment & Its
Protection**

**2. Safeguarding Immediate
Environment**

**3. Environmental
Sanitation**

(BUILT ENVIRONMENT)

“E” in SHE is for

ENVIRONMENT

ENTITLEMENT

1. ENVIRONMENTAL
PROTECTION &

2. ENVIRONMENTAL SANITATION

“E” in SHE

is for

ENVIRONMENT

ENTITLEMENT

- 1. ENVIRONMENTAL PROTECTION
AIR, WATER & SOIL &**
- 2. ENVIRONMENTAL SANITATION
(BUILT ENVIRONMENT)**

WASTE SHASTRA “Make WASTE as CHASTE, if dealt properly and waste should not be littered around but should go to its processing and recycling destinations”

WASTE MANTRA:

1. Stop “Waste Haste ” (Reduce Waste Generation)
2. “Practise Zero Waste Management” (Turn Waste as Wealth) doing “Source Segregation” giving only 20 seconds of 86400 seconds a day

EXPLANATION: Waste creators shall

1. REDUCE WASTE GENERATION and
2. Take ownership of the waste that you generate and deal it with utmost care as “WASTE is not WASTE until it is wasted”, “It is Resource Management and not Refuse Management” & “TRANSFORM WASTE and not TRANSFER WASTE”



ExNoRa

**WORLD of WASTE
MANAGEMENT**

**Solid Waste Management
(SoWaM)**

**Liquid Waste Management
(LiWaM) &**

**Gas Waste Management
(GaWaM)**

1. ExNoRa HEARTS UNION
will be a **CENTRE** to render **ECO-AWARENESS,**
ENVIRONMENTAL SERVICE & TRAINING. In short it will
house “**ExNoRa Environmental Training Institute**”
(EETI)

WASTE to WEALTH WORLD

REDUCING
WASTE REDUCTION &
MINIMISATION (also
SUBSTITUTING with HUMAN ENERGY)
PURE INNOVATIONS

RECYCLING
WASTE CHASTE (COMPOSTING)
PAPER PROSPER
PLASTIC PRACTIC
METAL METTLE
GLASS CLASS

REUSING
UPCYCLING, GIVING FRESH
LEASE of LIFE to WASTE &
BETTER UTILIYY (CARE
INNOVATIONS)

RELOCATING
HAZARDOUS WASTE
(as per rules) in **SAFE &**
SECURED LANDFILLS

WASTE to CHASTE



COMPOST CALMPOST



SWM ExNoRa is an **ACTIVITY** of ExNoRa Innovators Club

PLASTIC PRACTIC



Paryavaran
Shastra

via

RWA
ExNoRa



P3 by M3

PLASTIC PATHETIC to
PLASTIC FANTASTIC

Thanks to P3 by M3
ExNoRa



via

PLASTIC
PRACTIC
ExNoRa



P3 by M3 ExNoRa is an activity of ExNoRa Innovators Club

1. MAXIMUM RECYCLE of PLASTICS



PLASTIC PRACTIC P3 M3 ExNoRa



PAPER PAUPER .. PAPER PROSPER

Waste Paper recycling at Exnora Vocational Training Centre

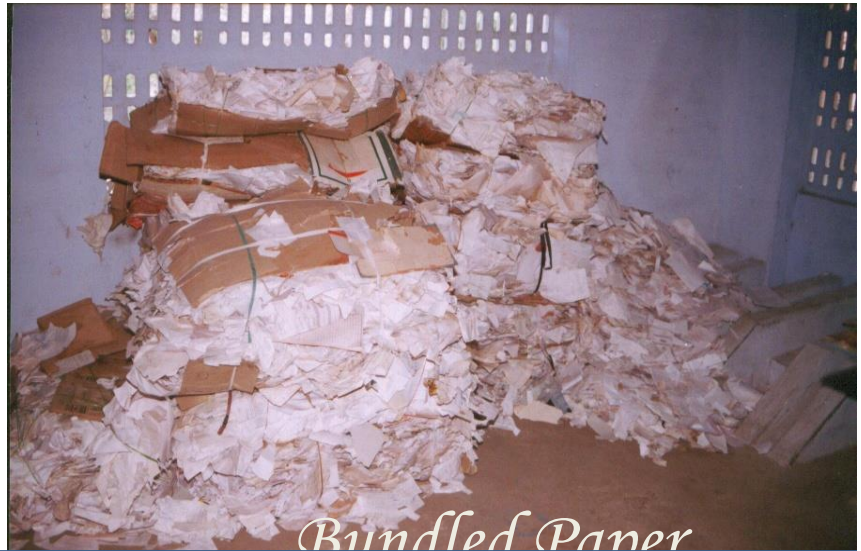


More than
9000 people



Across Tamil
Nadu Trained





WASTE PAPER .. PAPER PROSPER
WASTE PAPER .. PAPER PROSPER



WASTE PAPER



SUPER PAPER

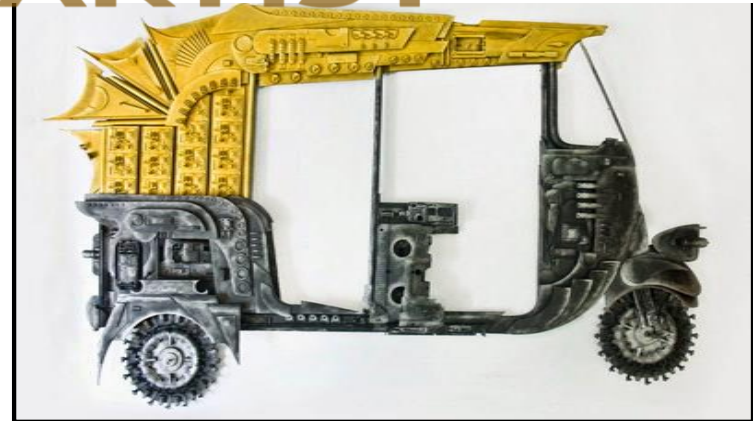


METAL

METTLE



WASTE ARTIST



WASTE ARTIST



WASTE ARTIST



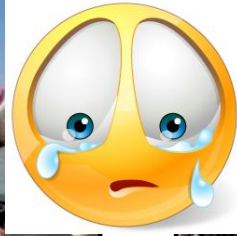
JUNK ART



GLASS CLASS



POOR WASTE- MIXED WASTE



WEALTHY WASTE- SEGREGATED WASTE



UPCYCLE
UPCYCLE

MIRACLE
MIRACLE

CARE
PRACTICES &
INNOVATIONS



OLD PIANO NOW BOOKSHELF



OLD BATH TUB NOW SOFA

UPCYCLE
UPCYCLE

MIRACLE
MIRACLE



OLD TELEPHONE BOOTH NOW SOFA



OLD BENZ NOW A COT

UPCYCLE
UPCYCLE

MIRACLE
MIRACLE

CARE
PRACTICES &
INNOVATIONS



OLD CYCLE NOW A MIRROR STAND



BATH TUB NOW A SOFA

UPCYCLE
UPCYCLE

MIRACLE
MIRACLE



OLD COT DINING TABLE



OLD CENTRE TABLES NOW A SHELF

CARE INNOVATIONS : Up-Cycling 1 Bathroom & Wash



A Card board becomes a perfect partition



Wash Basin Water waste water flushes toilet



Chair has become toilet seat



Chair has become wheel chair



Broken Chair as Toilet Seat



Chairs have become **SEE-SAW**

Old broken chairs taken a new avatar



CARE HABITS, PRACTICES & INNOVATIONS

are not just discarding used articles / goods but instead make it stay alive by one of the methods suggested here and use the same again



Up cycle



Down cycle



Recycle



Repair



Restore



Rebuild



Recharge



Renovate

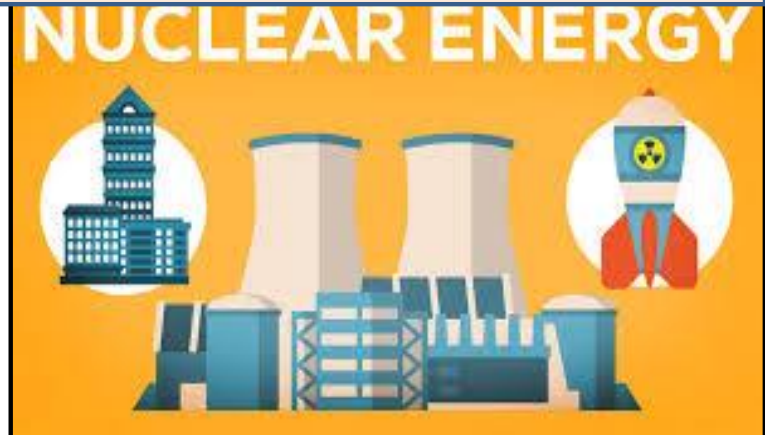
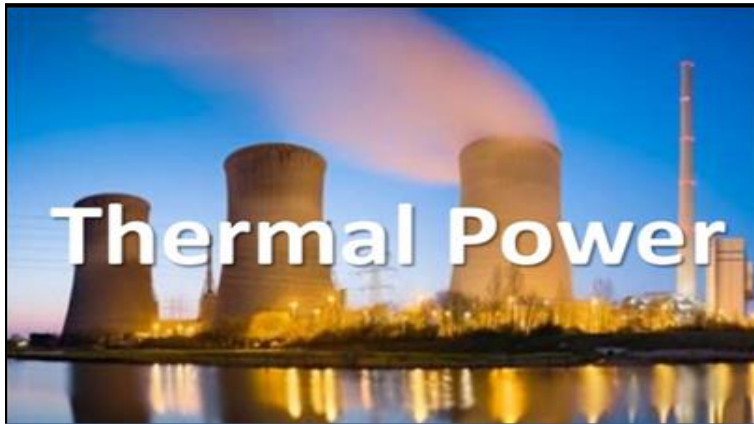


Recondition

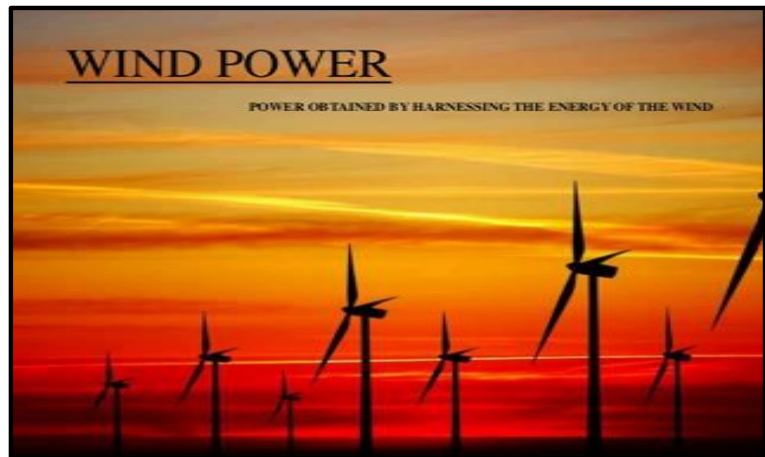
RECONSIDER

ExNoRa INNOVATORS CLUB

HELL POWER



HEAVEN POWER



WASTE PLASTIC PATHETIC



Bring Own Bag an Expandable Purse



BOB

Big bag come out of a Purse



ExNoRa Eco-star award to shops who don't deliver goods in non plastic bags

**P3 by M3 PLASTIC POLLUTION PREVENTION by MINUM
USE MAXIMUM REUSE & MUST SAFE DISPOSAL of
PLASTIC WASTE by ExNoRa**



RESOURCE HERE



FUEL HERE

**COMPOUND SUBSTANCE
WITH BITUMEN HERE**



PLASTIC PRACTIC



Resource
here

See a separate
PPT/ e BOOK
in the WEB INDEX for



Fuel here

**PLASTIC
PRACTIC**



ExNoRa World of
Environment
Environment
Entitlement

WASTE SHASTRA (AISHWARYA SHASTRA)

“Waste is **RESOURCE MANAGEMENT** and not **REFUSE MANAGEMENT**” **WASTE is CHASTE**, if dealt properly and waste should not be littered around but should go to its processing and recycling destinations”

WASTE MANTRA:

1. Stop “Waste Haste” (Reduce Waste Generation)
2. “Practise Zero Waste Management” (Turn Waste as Wealth)

EXPLANATION: Waste creators shall

1. **REDUCE WASTE GENERATION** and
2. Take ownership of the waste that they generate and deal it with utmost care as “Waste is not waste until it is wasted”, & “**TRANSFORM WASTE** and not **TRANSFER WASTE**”

It is not **Solid Waste Management (SoWaM)**

It is **Solid Wealth Management**

WASTE became CHASTE



PLASTIC became FANTASTIC



SWM ExNoRa is an activity of ExNoRa Innovators Club

RECYCLABLE

COMPOSTABLE



SOURCE SEGREGATION

Where the Collection system uses these colours, you must also use same colour bins for uniformity in your HOME / INSTITUTION



BLUE RECYCLABLE



GREEN COMPOSTABLE



RED HAZARDOUS

WET WASTE



DRY WASTE



SOURCE SEGREGATION

Nomenclature (Names) are very important. It should be crisp and communicate the usefulness or detriment of a thing including waste

COMPOSTABLE



RECYCLABLE



HAZARD UNABLE



ABLE is a very positive and vibrant word. You can see even for waste “**ABLE**” has become a suffix which just makes the wealth useful . But the catch is the hazardous waste. Opposite of **ABLE** “**UNABLE**” is used. Yes you have to **UNABLE** the risks of Hazardous Waste



INNOVATIONS: World of Waste Management

SoWaM © stands for Solid Waste Management @ 3 LEVELS



SoSoWaM ©

Source Solid Waste Management



DeSoWaM ©

Decentralised Solid Waste Management



SWM **ExNoRa** is an activity of **ExNoRa** INNOVATORS CLUB



CeSoWaM ©

Centralised Solid Waste Management City



CeSoWaM ©

Centralised Solid Waste Management Village



Three tier Waste Management CONCEPT & Nomenclature Nirmal

CURE PRACTICES & INNOVATION :
Make **WASTE** as **CHASTE**



SoSoWaM
INNOVATIONS
Source Solid Waste
Management
SCHOOL

SoSoWaM ©
Source Solid Waste
Management
@ HOME



SoSoWaM
© Source Solid Waste
Management
@ TEMPLE



SoSoWaM ©
Source Solid Waste Management
@ COLLEGE



CURE PRACTICES & INNOVATION : Make WASTE as CHASTE

DeSoWaM ©

Decentralised Solid Waste Management FLAT COMPLEX



DeSoWaM ©

Decentralised Solid Waste Management STAFF QUARTERS



DeSoWaM ©

Decentralised Solid Waste Management Residential Colony



DeSoWaM ©

Decentralised Solid Waste Management Municipal Ward



DeSoWaM INNOVATIONS: Concepts & Nomenclature NIRMAL

CURE PRACTICES & INNOVATION : Make WASTE as CHASTE

CeSoWaM ©

Centralised Solid Waste Management Village



CeSoWaM ©

Centralised Solid Waste Management TOWN



CeSoWaM ©

Centralised Solid Waste Management Major TOWN



CeSoWaM ©

Centralised Solid Waste Management Smaller Municipality



ExNoRa INNOVATORS CLUB

ExNoRa INNOVATORS CLUB/ Concepts & Nomenclature: NIRMAL

Composting World. You can have all these four & create a Compost Park



AEROBIC COMPOSTING



ANAEROBIC COMPOSTING



VERMI- COMPOSTING



MICROBIAL COMPOSTING



TERMITE COMPOSTING



BURIAL COMPOSTING



HÜGELKULTUR COMPOSTING



HUMANURE COMPOSTING



GRUB COMPOSTING

Composting World. You can have all these & create a Compost Park



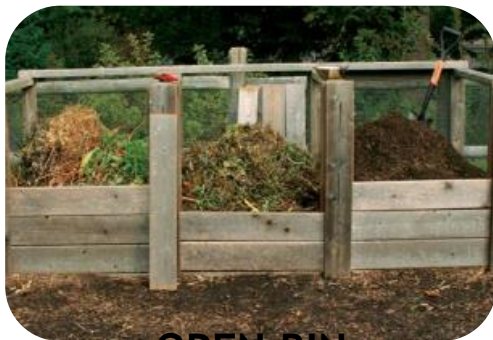
TEA COMPOSTING



SHEET COMPOSTING



PIT COMPOSTING



**OPEN BIN
COMPOSTING**



**TUMBLER
COMPOSTING**



HEAP COMPOSTING

Composting World. You can have all these four & create a COMPOST PARK



Toilet Composting



Plasma Gasifier



Windrow Composting



Trench Composting

1. **ExNoRa** HEARTS UNION

will be a CENTRE to render ECO-AWARENESS, ENVIRONMENTAL SERVICE & TRAINING. In short it will house

“**ExNoRa** Environmental Training Institute” (EETI)

“Waste is not waste until it is wasted”.

You can easily realise ZERO WASTE GOAL.

You can train hundreds of SHG WOMEN & YOUTH

as Social Architect

(Zero Waste Management)

You can generate income to pay rent and meet the administrative expenses of your **ExNoRa** HEARTS UNION & “**ExNoRa** Environmental Training Institute” (EETI) just from WASTE

See a separate
PPT/ e BOOK
in the WEB INDEX for

**A to Z of
WASTE
MANAGEMENT**

1. CENTRE TO RENDER ENVIRONMENTAL SERVICE & TRAINING

The Causes, Consequences & Solutions

POLLUTION PREVENTION

CONSERVATION

MITIGATION

ADAPTATION

CHANGE CLIMATE CHANGE

**VANISHING
BIODIVERSITY**

ECOLOGICAL IMBALANCE

ACID RAIN

DOWN TO EARTH ANSWERS

**to all these problems are provided as PPTs in
the official website**

www.exnorainnovators.club

1. 1.Environmental Protection (& Promotion).

Environmental protection is a practice of protecting the natural environment on individual, organizational or governmental levels, for the benefit of both the natural environment and humans.

2. Environmental Sanitation "Environmental Sanitation" means the art and science of applying sanitary, biological and physical science principles and knowledge to improve and control the environment and factors therein for the protection of the health and welfare of the public.

Environment in SHE

Environmental Protection & Environmental Sanitation

ADORE AIR
“Care Air” -
Air Pollution
Prevention

ADORE AIR
“Cure Air”
Purifying Air by
Tree Planting

REVERE WATER
“Water Matters”
Water Pollution
Prevention

REVERE WATER
“Cater Water”
Providing Potable
Water to Poor

WATER BODIES
“WATER
BASINS”

“RIVER FOREVER”
& “POND
BOND”

“RAIN GAIN”
Rain Water
Harvesting

“BUST the DUST”
(Dust
Pollution
Prevention)

HAIL SOIL
“Soil not Soil” -
Soil Pollution
Prevention

HAIL SOIL
“Soil Toil”
enrich the soil by Soil
Up- gradation

“Light Right”
Light Pollution Prevention

“Voice Against
Noise”
Noise Pollution
Prevention

PLASTIC PRACTIC -
“Plastic Pollution
prevention”

PosTEAR
(Poster Pollution
Prevention)

“MARINE
SHINE”
(Sea Pollution
Prevention” & Ocean
Conservancy”)

MUSTQUITO
100% zero
Mosquitoes @
zero cost

Director Environment- “Environment Entitlement”

SELECT THE ACTIVITY / ACTIVITIES OF YOUR CHOICE / NEED

TEMPLE
EXAMPLE,
CHURCH CLASSIC,
MOSQUE MODEL

PARK SPARK,
Playground
Abound, &
“Bus Stop Top”

Village Will Age &
“City Agility” ,
“Town OWN”

“BURIAL GROUND-
MEMORIAL ABODE”,
“CREMATORIA
UTOPIA”

GOAL

Joylet, ToyLet,
People’s Toilet,
“Pocket- Packet-
Urinal” Urine Purine
Bank

“Bike Like” Cycle
Bustle, Transport
Simplicity,
Par Parking, “4 r r r
4 Road Safety”

ELECTRICITY
ETERNITY,
STREET LIGHTS
BRIGHT

RENERGY
(Renewable Solar,
Wind, Biomass,
Geothermal, Biofuel
& Hydro- Power)

TreeTaller
TREE-MATE
TREE GUARDIANS
TREE WARDENS
GREEN SHIRTS

sTREET, TREEtanic,
TREEbutes
Green Cross Across

GREENBELT
GREENWAYS
GREEN CANOPY

“SEED EXCEED”
NURSERY NURTURER
BAMBOO BABU

GOAL

“Farm Arm”
Home Farm, Sky
Farm, Street Farm,

City Farm,
Sea Farm &
Collective Farm
Organic Farm

College Farm
University Farm

PLATFORM,
(PLATFORM: RIGHT
TO WALK)
ROAD BROAD

DRAINAGE VOYAGE,
SEWER SERVER,

“Trash to Cash
Bank” TRASHure
“Waste Bin to
Wealth Bin”
Glitter, not Litter,

HEARTS HEART
BRAINS’ BRAIN
 (“ExNoRa Seva
Centre” Building
rent from sale of
waste)

HUMANITY DIVINITY
TREASURY
(H6 ExNoRa - Heart
to Head to Hand to
Help to Humanity to
Happiness)

Select the activity / activities of your choice / need

Due to climate change & other reasons, the world is going to face a serious, huge Food shortage from **2020**. Believe me, You and I can stop this & instead create a food surplus. It is easy You can grow your vegetables, even if you live in a flat.



Earth Saving & Environmental Protection Activity for everyone

mantra

Any one who
takes part in any
ExNoRa Activity
is expected to
follow Earth
Saving &
Environmental
Protection
Mantra in their
own Interest

**Think
Globally**

Whatever they do,
they should think of
the planet first, how
their action will impact
the planet, our only
HOME

**Act
Locally**

Carry out collectively
all eco-protection
activities in your street
and your residential
colony

**Do
Domestically**

Charity Begins at
Home. Make your
dwelling as
Heavenly HOME

VAYU SHASTRA & VRIKSHA SHASTRA

VAYU SHASTRA : “Sufficient Clean Air is the basic NEED for the SURVIVAL of HUMANS and other LIVING SPECIES”

VAYU MANTRA:

“CARE AIR & CURE AIR for PURE AIR”

EXPLANATION: Those who

- a. **POLLUTE-AIR**, b. **CUT TREES** and
 - c. **USE TREE & ITS PRODUCTS** shall
1. REDUCE AIR POLLUTION and
 2. “**COMPENSATE**” for the loss of

**QUALITY & QUANTITY of AIR by
TREE PRESERVATION & TREE PLANTING**

**JOIN
ExNoRa
TREE
CHALLENGE
NOW**

Your **CHAPTER** of **ExNoRa INNOVATORS CLUB**
& its **DIRECTOR : ENVIRONMENT** will **GUIDE**

ADORE AIR

CARE AIR & CURE AIR for PURE AIR

Humans were gifted with pure air with maximum oxygen and nitrogen. But humans have destroyed it and have been destroying it through

AIR POLLUTION.

RELAX. WE CAN REVERSE IT.

JEEVAN Shastra, Life Science, for Living as Human Being

VAYU SHASTRA

is the SCIENCE OF PURIFYING AIR & PREVENTING AIR POLLUTION.

For more proven concepts, see under the HEADS

Bear, Care, Cure & Pure

Habitsv. Innovations & Practices



Air Pollution

Humans were gifted with pure air with maximum oxygen and nitrogen. But thanks to human species who have made AIR today to contain the following in alarming proportion.

SULFUR OXIDES

NITROGEN OXIDE

CARBON MONOXIDE

VOLATILE ORGANIC COMPOUNDS

PARTICULATES

PERSISTENT FREE RADICALS

TOXIC METALS

AMMONIA

RADIOACTIVE POLLUTANTS

"STATIONARY SOURCES"

include smoke stacks of power plants, manufacturing facilities (factories) and waste incinerators

AIR POLLUTION PREVENTION

"MOBILE SOURCES"

include motor vehicles, marine vessels, aircraft and the effect of sound etc.

AIR POLLUTION, ITS SOURCES & PREVENTION

CHEMICALS, DUST & CONTROLLED BURN PRACTICES

in agriculture and
forestry
management.

WASTE DEPOSITION
in landfills, which
generate methane.
*Methane is highly
flammable and may form
explosive mixtures with air.

FUMES

from paint, hair
spray, varnish, aerosol
sprays and other
solvents

WAR

Military, such
as nuclear
weapons, toxic
gases, germ
warfare and rockets

Methane can be a HUMAN KILLER or a GIFT !!!

METHANE is also an **ASPHYXIANT** displaces oxygen and accumulated **METHANE** in your sewage / septage chamber, **asphyxiates** **clogs the LUNGS** of the **SEWER CLEANING WORKERS** & is an instant killer like cyanide.



MAKE METHANE INSANE as METHANE SANE

Methane can be a HUMAN KILLER or a LIFE SUPPORTER !!! Trapped Methane is a FUEL & a GIFT.
ExNoRa . METHANE INSANE to METHANE SANE

METHANE SANE
Food is prepared
using methane
by **ExNoRa**
Women



FOOD is
READY



AIR POLLUTION, ITS SOURCES & PREVENTION



Go on a TREE SPREE, KEEP PLANTING TREES. There are 24 subsidiaries in EIC to plant trees

continued

VAYU SHASTRA & VRIKSHA SHASTRA

VAYU SHASTRA : “Sufficient Clean Air is the basic NEED for the SURVIVAL of HUMANS and other LIVING SPECIES”

VAYU MANTRA: “CARE AIR & CURE AIR for PURE AIR”.

EXPLANATION: Those who

- a. **POLLUTE-AIR**, b. **CUT TREES** and
- c. **USE TREE & ITS PRODUCTS** shall

1. REDUCE AIR POLLUTION and

2. “**COMPENSATE**” for the loss of **QUALITY & QUANTITY** of AIR
by **TREE PRESERVATION & TREE PLANTING**

Your **CHAPTER** of **ExNoRa INNOVATORS CLUB**
& its **DIRECTOR : ENVIRONMENT** will **GUIDE**

There are 100 excuses to cut trees, but little motivation to plant trees



**BUILDING
CONSTRUCTION**

**ROAD
WIDENING**

SUPERSTITION

**TREE ROOTS
BREAKING
WALLS**

**UNDERGROUND
DRAINAGE**

OVERHEAD WIRE

**SERVES AS
LADDER TO
INTRUDERS**

**FEAR OF
ENCROACHMENT
BENEATH THE
TREE'S SHADE**

ExNoRa gives you 100 worthy causes and ways to plant trees



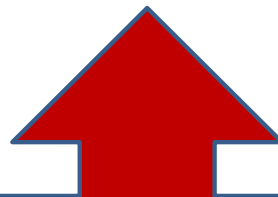
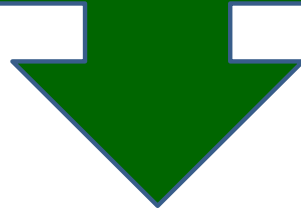
Voice



Voice Against Noise



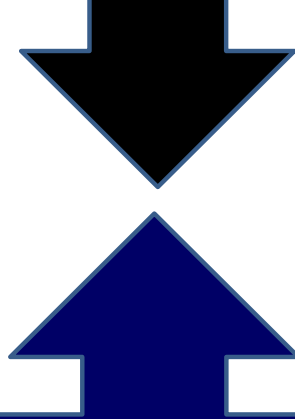
“Your right to swing your fist
ends,
where my nose begins“ *Proverb*



"One person's freedom ends,
where another persons freedom
begins"

**“Your RIGHT to make NOISE ends,
where my ear begins”**

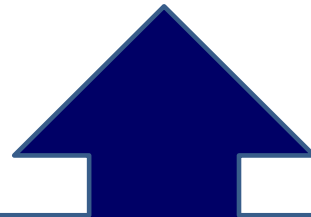
7th Sense Master



**“The NOISE that you make cannot
spoil my PEACE & CALM and
damage my HEARING CAPACITY”**

**“Your RIGHT to make NOISE ends,
where my ear begins”**

7th Sense Master



**“The NOISE that you make cannot
spoil my PEACE & CALM and
damage my HEARING CAPACITY”**

Noise

Noise

Noise

Noise & Noise - Anywhere & Everywhere

Noise

Noise

Noise

Noise

Answer
"Voice
Against
Noise"
ExNoRa Since
2004



Noise Pollution Prevention

Voice
Against
Noise
ExNoRa

Slogan

STOP
NOISE POLLUTION
without NOISE

Pet Name

NOISE
CHOICE

See a separate
PPT/ e BOOK
in the WEB INDEX for

Noise Pollution
Prevention via
Voice Against Noise

VAYU & VRIKSHA SHASTRA & MANTRA

The first need of human is AIR. Without AIR, HUMANS cannot survive. AIR is becoming impure. The volume of oxygen in AIR is diminishing in GEOMETRIC PROGRESSION by the acts of commissions & omissions by humans. He must compensate his wrongs by planting trees in the same GEOMETRIC PROGRESSION

MISSION WITH PASSION

Concepts & Nomenclature: [NIRMAL](#)

GREEN CROSS ACROSS

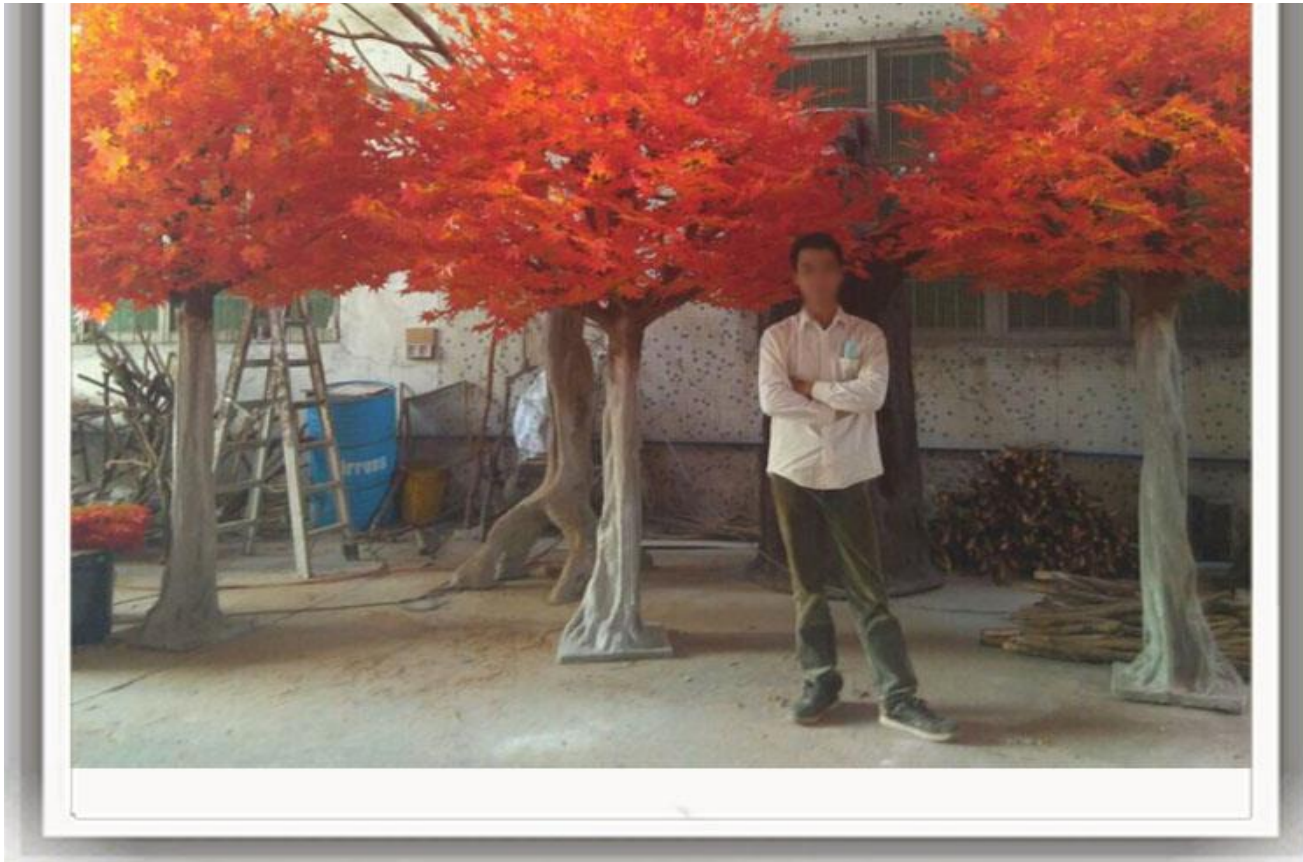
“TREE PLANTING worldwide & uniting humankind by this EARTH-SAVING & HUMAN-SAVING ACTION”

TREE SPREE

“nonstop
TREE PLANTING
in still available open spaces & creating records

Your **ExNoRa** Innovators Club
will guide you

If you don't plant **REAL TREES**,
then we will have only
FAKE PLASTIC TREES



If you don't plant **REAL TREES**,
then we will have only
FAKE PLASTIC TREES

PATHETIC



If you don't plant **REAL TREES**,
then we will have only
FAKE PLASTIC TREES
PATHETIC



Be always prepared 24 x 365 for your GREEN ACTION

SEED EXCEED

by SEED ExNoRa. You can sow a seed & go to sleep, The Seed does not sleep. Collect seeds & Distribute.

NURSERY NECESSARY

of NURSERY ExNoRa is an activity motivating Industries, Educational Institutions & residential homes to establish a MINI NURSERY even in their BALCONY and to provide TREE Saplings

Tell to yourself “Greening begins with me” & ACT

TREE BANK FREE BANK

“TREE BANK FREE BANK ExNoRa” will keep grown up saplings

TREE BUNK

“TREE BUNK ExNoRa” will have simple distribution system of plant saplings

ExNoRa INNOVATORS CLUB/ Concepts &
Nomenclature: NIRMAL

Tell to yourself “Greening begins with me” & ACT

GREEN SARI

Consider your home a woman and provide her a green attire via

Home ExNoRa

GREEN SCARF / GREEN CAP / HAT

It is greening your terrace and developing a sky farm by your

Home ExNoRa

GREEN THE WORLD AROUND YOU & GREEN YOUR MIND

sTREEt

Even the word STREET has TREE in it. If the Street does not have TREE, then it is not a STREET. The Street level RWA ExNoRa will have sTREEt activity which will ensure everyone has one TREE in front of his house

GREEN JUNGLE IN CONCRETE JUNGLE Greening of the whole residential area as it was originally by your

RWA ExNoRa

ExNoRa INNOVATORS CLUB/ Concepts & Nomenclature: NIRMAL

COMPENSATION

OXYGEN FACTORY

INDUSTRIES cause pollution.

They should form
OXYGEN FACTORY ExNoRa,
from and among their employees
motivate them to plant trees
inside and outside the campus
which will recycle CO2 as oxygen

TIMBER MEN- TIMBER GROWER MEN

Timber MERCHANTS sell cut trees.
Those who make money by selling
timber, are motivated to plant
more trees than what they
sell. ExNoRa facilitates them to
form “TIMBER MEN- TIMBER
GROWER MEN ExNoRa” &
Collectively do tree planting

POLLUTER GUIDED TO RETURN GREEN

“TREE CUTTERS TREE GROWERS
ExNoRa” facilitates tree cutters
(Contractors) to form into groups
of “TREE CUTTERS TREE GROWERS
ExNoRa” and plant thrice the
trees that they fell

ROAD ENGINEERS are
motivated to form “ROAD
GREEN ENGINEERS” ExNoRa”
and plant trees thrice that
they fell for road widening

ExNoRa INNOVATORS CLUB/ Concepts & Nomenclature: NIRMAL

PLANTOLOGY PSYCHOLOGY

PLANT GROWS- MIND GROWS

Green Resource Development for Mind Resource Development. Children who had mental retardation or slow growth were given the responsibility of planting a sapling each and nurturing it. There was marked development in their mind growth

GREEN MINDS -FREE MINDS

This is tree planting activity for prisoners by “GREEN MINDS -FREE MINDS ExNoRa”. The Greening activity did greening of their minds and the reformation was automatic

GREEN ACTIVITY GREENS the MIND

TREETOTALLERS

How to make an alcoholic a teetotaler? Quite simple. Make him a TreeTotaler first. Enable him plant tree and give him the responsibility of nurturing it. See the change. TreeTotalers ExNoRa is an organisation of would be Teetotalers

MORALE “MORAL”

People who lacked confidence and enthusiasm got totally changed when they were given the task and planting and nursing a tree. MORALE “MORAL” ExNoRa will engage youth in tree planting for their own development

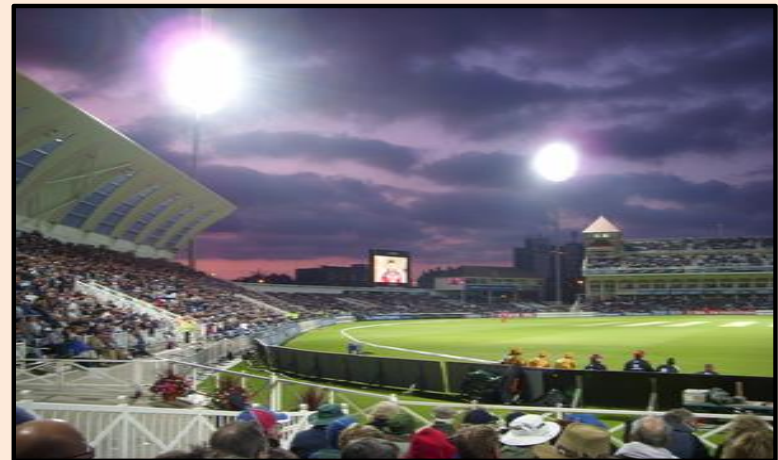
ExNoRa INNOVATORS CLUB/ Concepts & Nomenclature: NIRMAL

COMPENSATION

FAN CLAN

FAN CLAN

Sports consume a lot of electricity & petrol. The sports events occur in the evenings and happen in floodlight. The fans commute using public / private transport , watch & enjoy. They are duty bound to compensate the carbon footprints that they create because of their love for sports. Fans are a family (CLAN) and should plant trees



ExNoRa INNOVATORS CLUB/ Concepts & Nomenclature: [NIRMAL](#)

continued

VAYU SHASTRA & VRIKSHA SHASTRA

VAYU SHASTRA : “Sufficient Clean Air is the basic NEED for the SURVIVAL of HUMANS and other LIVING SPECIES”

VAYU MANTRA: “CARE AIR & CURE AIR for PURE AIR”.

EXPLANATION: Those who

- a. **POLLUTE-AIR**, b. **CUT TREES** and
- c. **USE TREE & ITS PRODUCTS** shall

1. REDUCE AIR POLLUTION and

2. “**COMPENSATE**” for the loss of **QUALITY & QUANTITY** of AIR by **TREE PRESERVATION & TREE PLANTING**



Your **CHAPTER** of **ExNoRa INNOVATORS CLUB** & its **DIRECTOR**
: **ENVIRONMENT** will **GUIDE**

GREEN DREAM WORLD

GREEN CANOPY

It is growing minimum of one tree per house which will serve as a Green Shelter

GREEN UMBRELLA

ROAD CONTRACTORS fell trees for road widening. Road users suffer. They should plant trees under the name **GREEN UMBRELLA**, particularly next to bus-shelter

GREEN WALL

Green wall is the concept for the *polluting Industries and crematoria*. There will be two or three lines of trees created by Industries along the compound wall (inside compound & outside) which act as a pollution filter

“BAMBOO BABU” (Respectable)

Bheema is an excellent carbon sink . ExNoRa’s novel way to arrest Global Warming is by growing more Bheema Bamboo

GREENWAYS

A Greenway is a long, narrow piece of land, where vegetation is encouraged, which is managed for public recreation and slow travel

GREEN CORRIDOR

passage between two villages / towns will have greenery so that the travelers get the benefit

GREEN FACE

Making a green Front of your Building

GREEN BELT

A BELT of recreational parks, farmland, or uncultivated land surrounding a community.

GREEN FORT

Forts are constructed to protect people from invaders. If you have industries around your house , you can have a number of layers of greenery

VOLUNTEERS' ROLES & DESIGNATION

TREE GUARDIAN

Tree, a living species is nurtured by a human species who adopts the tree

TREE WARDEN

For a set of Tree Guardians there will be one Tree Warden

TREE-MATES

The team formed to plant trees together as TreeMATES

TREE SAVIOUR

a person who saves tree from destruction / felling

TREEZANS

a vibrant youth group who plant trees like real life heroes

TREE BEARER

The Office Bearers are called as Tree Bearer

FRIENDS OF FORESTERS -

Foresters' work is the most challenging. They have to grow new forests and more importantly protect the existing forests from poachers and developers. Friends of Foresters ExNoRa has been formed to help Foresters in their most challenging task

ExNoRa INNOVATORS CLUB/ Concepts & Nomenclature: NIRMAL

LOCATION WISE GREEN ACTIVITIES

School
Cool

College,
Green
Collage

Industry
Green
Artistry

Office
Green Bliss

Temple
Green
Example

Church
Green
March

Mosque
Eco-Task

Bus Stop
under Tree
Top

SLUM
AWESOME

GREEN DREAM

GREEN SHIRT

A vibrant group who prevent tree-felling by positive ACTION .All activities are constructive. But protecting trees are becoming increasingly challenging, as trees are felled under one pretext of another. Green Shirts are tree lovers, who stop tree felling by peaceful & novel Gandhian Protests wearing Green Shirts

GREEN FINGERS

a group that physically does from A to Z in greening including digging the PITS (We for ourselves). They place their hands on soil & physically do the greening, horticulture & farming activities. They don't have reservation (No task is inferior. They know the greatness of Dignity of Labour)

GREEN THUMBS

An expression used to describe someone's affinity/skill at gardening or growing plants. It is those who does greening from their heart with 100% devotion. They are called as Green Thumbs whatever they plant, it will never fail

GREEN DREAM

GREEN EVENTS .

Events , even conducted for environmental protection indeed hurts the very Environment. ExNoRa provides the knowhow on conducting totally eco-friendly green events.

GREEN BUILDING

also known as green construction or sustainable building refers to a structure and using process that is environmentally responsible and resource-efficient throughout a building's life-cycle.

GREEN ACCOUNTING

is a type of accounting that attempts to factor environmental costs into the financial results of operations.

GREEN MOTORING

A green vehicle or environmentally friendly vehicle is a road motor vehicle that produces less harmful impacts to the environment

GREEN ENGINEERING

A green vehicle or environmentally friendly road motor vehicle producing less harmful impacts to the environment

GREEN BROADCASTING

Research shows that televisions and associated devices are responsible for about two per cent of global greenhouse gas emissions (like aviation industry). This percentage is only expected to grow as the cost of energy and resources increases. As public service broadcasters, we have a responsibility to improve the environmental performance of the broadcasting industry to make it more sustainable.

Polluter Pays (P2) & Tree cutters & Timber merchants compensate

PROTECTION by RELOCATION

Builders fell trees . They must relocate the tree, the cost of it can be included in the construction cost and price of building / flat

FOREST FOR-REST

Humans think that AFFORESTATION is the work of Forest department. It is for everyone (the rest) of course Forest will be a good place to rest

TREEtanic

If TITANIC is the biggest manmade thing by humans , Tree is the biggest of all living species. TREEtanic is an organisation for tiny tots, the kids to do tree planting forming into groups of five and are called as TREEzans (like Tarzans)

TREEsure

Trees are Nature's Treasure, gifted by our ancestors to us. TREEsure ExNoRa will do massive campaigns to sensitize and motivate people to protect & preserve trees and make trees as treasure of the country

ExNoRa INNOVATORS CLUB/ Concepts & Nomenclature: NIRMAL

Environment in SHE

Agriculture

Horticulture

Floriculture
(Flower
Farming)

Arboriculture

Olericulture
(vegetables)

Permaculture

Viticulture
(Grapes)

Herbal
Culture

Landscape
Horticulture

Pomology
(pome fruit)

Social
Afforestation

Afforestation

ExNoRa's GREEN EVENTS

ExNoRa INNOVATORS CLUB/ Concepts & Nomenclature: **NIRMAL**

VRIKSHA RAKSHA BANDAN

Tying Raaki to trees

TREE SALUTE

Saluting trees before tree planting

TREE WAVE

Tree planting done for over one KM & participants plant like a human wave

TREEnament
competitions & tree planting tournaments

Tree Walk
Children are taken around a park and explained of each tree

TREEnathon
It is a marathon to popularize Tree Planting

JEEVAN Shastra, Life Science, for Living as Human Being

Manushya Shastra Human Science for Being Human Being

TREESON

There is one **THING** which you should never do. Its name is **TREESON** (Treason). That is getting a killer-motive and destroying trees.

JAL SHASTRA “**SUFFICIENT USABLE WATER** is the basic **NEED** for the **SURVIVAL** of **HUMANS** and other **LIVING SPECIES**”

JAL MANTRA:

1. “**WATER MATTERS**” (Water Pollution Prevention)
2. “**CATER WATER**” (Provide water)



EXPLANATION: Those who

- a. **POLLUTE-WATER**,
- b. **Construct on water sources / obstruct water flow &**
- c. **USE WATER** shall

1. **REDUCE WATER POLLUTION** and

2. “**COMPENSATE**” for the reduction of

QUALITY & QUANTITY of WATER by Water Pollution Prevention & Providing water

“**WATER ExNoRa**” is an activity of YOUR **CHAPTER** of **ExNoRa INNOVATORS CLUB** & its **DIRECTOR : ENVIRONMENT** will **GUIDE**

“REVERE WATER” WATER MATTERS



WATER
AVAILABLE
TO
EVERYONE
REALLY

WATER
NO-WHERE
to **WATER**
NOW-HERE

WATER begins with “**W**”.
By shifting the letter “**W**”, you
will find a big change of your
perception



WATER WISER **WATER MERRIER**

ADORE
WATER

Water Everywhere

(**SEE** : **W**ater **A**vailable **T**o **E**veryone **R**eally)

REVERE
WATER

STORE
WATER

FILTER
WATER

HEAT WATER
(Heat water by heater
kitchen oven / solar
cooker)

WATER
HEALTHIER

CATER WATER

WATER is a “MATTER” & WATER MATTERS



The word “**WATER**” stands for
WATER AVAILABLE TO EVERYONE
REALLY

IMPLEMENT its 6 SIMPLE RULES

- 1. WASTAGE DISCOURAGE**
- 2. POLLUTION PREVENTION**
- 3. RESTORE & STORE**
- 4. RAIN GAIN (RAGA)**
- 5. WASTE WATER CHASTE WATER
(RECYCLE)**
- 6. DISTRIBUTE DISTRIBUTION**



REVERE WATER 6 BASIC RULES.

Water Available To Everyone Really

**1. WASTAGE
DISCOURAGE**
Avoid Water
Wastage

**2. POLLUTION
PREVENTION**
Prevent Water
Pollution



**3. RESTORE &
STORE**
Restore Water
Sources

**4. RAIN GAIN
(RAGA)**
Do Rain Water
Harvesting

**5. WASTE WATER
CHASTE WATER**
Treat Waste
Water

**6. DISTRIBUTE
DISTRIBUTION**
Introduce three tier
water distribution to
ensure quality and
quantity





See a separate
PPT/ e BOOK
in the WEB INDEX for

**Great Greater
Chennai Murder
of water bodies**

1. WASTAGE DISCOURAGE

WASTAGE DISCOURAGE AVOID WATER WASTAGE

See a separate
PPT/ e BOOK
in the WEB INDEX for

**20 Ways to Conserve
Water at Home**

See a separate
PPT/ e BOOK
in the WEB INDEX for

**25 Things You Can Do
To Prevent Water
Waste**

See a separate
PPT/ e BOOK
in the WEB INDEX for

**Ten ways to prevent
water waste**

2. POLLUTION PREVENTION

**POLLUTION
PREVENTION
PREVENT WATER
POLLUTION**

See a separate
PPT/ e BOOK
in the WEB INDEX for

**Different Ways to
Prevent Water
Pollution**

See a separate
PPT/ e BOOK
in the WEB INDEX for

**WATER POLLUTION
SOURCES**

See a separate
PPT/ e BOOK
in the WEB INDEX for

3. RESTORE & STORE

RESTORE & STORE
RESTORE WATER
SOURCES

TYPES of WATER SOURCES

How **ExNoRa**
restored 40
water bodies and
stored water !

Water Bodies
Restoration

Repair Renovate &
Restore
5 Simple Steps to a
Healthy Pond

JEEVAN Shastra, Life Science, for Living as Human Being

4. RAIN GAIN

Wherever water stagnates , make inexpensive **HAND-BORES**. We make bores to take water. Why not we make bores to give back water to **WATER-TABLE** ?

RAIN PAIN

due to Water Stagnation



RAIN GAIN



Rain Water Harvesting in streets & open spaces

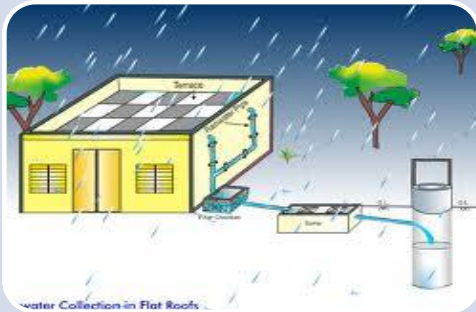


JEEVAN SHASTRA, LIFE SCIENCE, FOR LIVING AS HUMAN BEING

PURE INNOVATION :



Rain Water Harvesting



RaGa stands for Rain Gain @ 3 LEVELS

SoRaGa ©

Source

Rain

Gain

in Your
Building

DeRaGa ©

Decentralise

d Rain

Gain

in the Street
Storm
Drainage

CeRaGa ©

Centralised

Rain

Gain

in the Pond
& Lake



Three tier Rain Water Harvesting
Concept NIRMAL



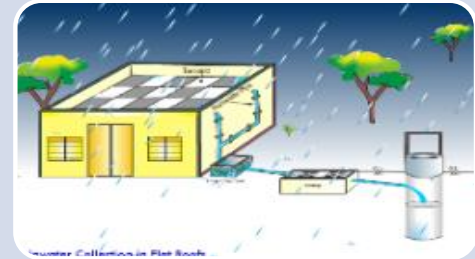
RaGa stands for Rain Gain @ 3 methods in your premises



**Recharge
Well
& Shafts**



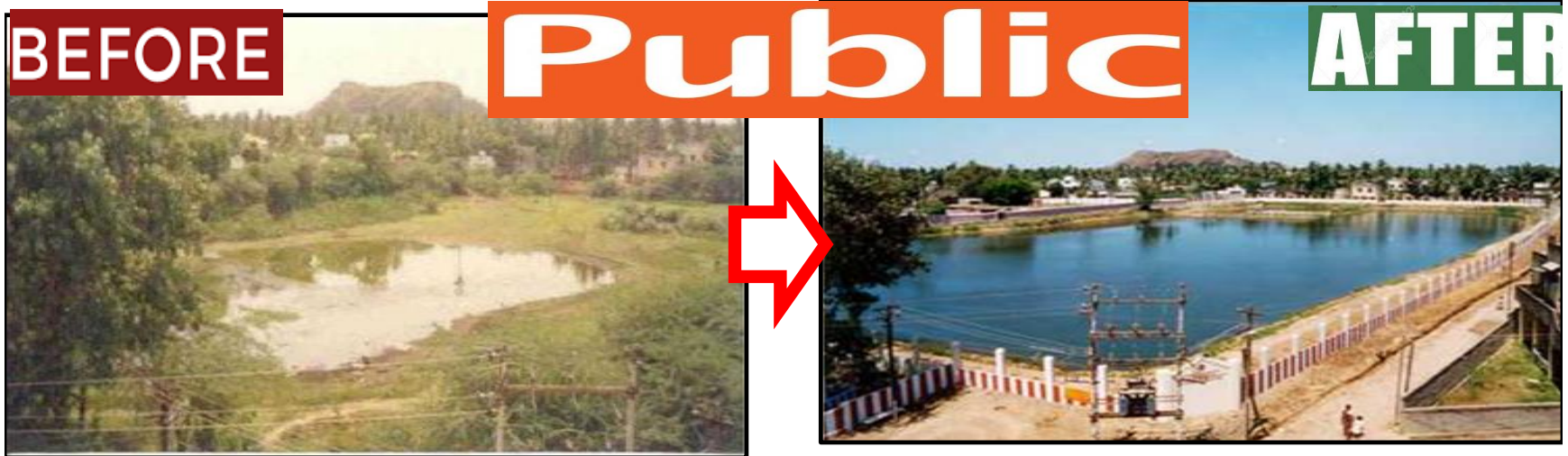
**Recharge
Pits &
Trenches**



**Recharge
Bore
Well**



BUILT ENVIRONMENT RESTORATION OF WATERODIES



From **DEAD PONDS** to **LIFE BOND**



ExNoRa INNOVATORS CLUB

BUILT ENVIRONMENT RESTORATION OF WATER BODIES



From **DEAD WATER BODIES** to **LIVE WATER BASINS**



ExNoRa INNOVATORS CLUB

BUILT ENVIRONMENT PUBLIC RESTORATION OF WATER BODIES



From **DEAD WATER BODIES** to **LIVE WATER BASINS**



ExNoRa INNOVATORS CLUB

BUILT ENVIRONMENT for POOR

“WATER- POND” created by PEOPLE CAPITAL



Polluted & silted pond



Dewatering & desilting the



Even school children lend their helping hand



The clean & restored Pond

**5. WASTE WATER CHASTE WASTER
TREAT WASTE WATER**

**Liquid Waste Management
(LiWaM)**

BETTER WORDS

**Liquid Wealth Management
(LiWeaM)**

Your **CHAPTER** of **ExNoRa** INNOVATORS CLUB
through its **DIRECTOR : ENVIRONMENT**
with your cooperation will **GUIDE**

**www.exnorainnovators.club
www.exnora-innovators.club**





SoLiWaM ©
Source Liquid Waste
Management
Credit Indra Kumar



SoLiWaM ©
Source Liquid Waste
Management
Toilet Credit Dewats



DeLiWaM
Village Waste Water



DeLiWaM © **Decentralised**
Liquid Waste Management
Credit Sulthan Ismail



DeLiWaM © **Dentralised**
Liquid Waste Management
in a large flat complex



CeLiWaM © **Centralised**
Liquid Waste Management
Neighbourhood

LiWaM © stands for **Waste Management @ 3 LEVELS**

Usage of Sewage

SoLiWaM ©

Source Liquid Waste Management

1. SEWAGE (BLACK WATER) treated bacterially @ source
2. SULLAGE (GREY WATER) used directly to water plants @ source
3. Phosphorus-AGE White Soap waste water's phosphorus is converted as Phosphate by canna's roots/ bulbs and food

2. SULLAGE (GREY WATER) used directly to water plants



SoLiWaM (with in the 4 walls) Concept Indrakumar

1. SEWAGE (BLACK WATER) treated bacterially @ source



3. Phosphorus-age : White Soap waste water's phosphorus is converted as Phosphate by canna's roots/ bulbs & food



DeLiWaM © Decentralised Liquid Waste Management

(in a street)

Sewage flooding the road



Blue Metal bunds laid to “Cascade” the Gray water



In situ gray water recycling : **Concept & Implementation by Dr Sulthan Ahmed Ismail**



Cannas planted along bund



Fully functional flower bed-cum-waste water treatment instead of open sewer

CeLiWaM Centralised Liquid Waste Management



CeLiWaM



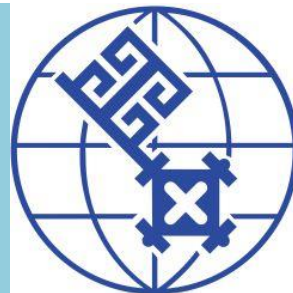
Liquid waste treated bacterially and the methane is sent to canteen & treated waste water is sent to irrigate the FARM

DEWATS

Decentralised Wastewater Treatment
in Developing Countries



Ludwig Sasse
1998



BORDA



TRICHY DEVATHANAM TOILET

Credit



WATER : DISTRIBUTE DISTRIBUTION

WaDiS
Water Distribution
System Innovation
in water
distribution

SoWaDiS
Source Water
Distribution System
(PURE INNOVATION 1)

Three TIER Water Distribution Concept &

Nomenclature: NIRMAL

DeWaDiS
Decentralised Water
Distribution System
(PURE INNOVATION 2)

CeWaDiS
Centralised Water
Distribution System
(FARE INNOVATION)

Jeevan Shastra, Life Science, for Living as Human Being

WaDiS
Water Distribution System



DeWaDiS
Decentralised Water Distribution



SoWaDiS
Source Water Distribution System



CeWaDiS
Centralised Water Distribution



Three TIER Water Distribute Distribution

ExNoRa INNOVATORS CLUB/ Concepts & Nomenclature: NIRMAL

PERENNIAL PROBLEM

**WATER
WORSER**

7th Sense Solution

**WATER
WATER
WISER ©
WISER ©**

Total Reversal



Implement through your
“RWA **ExNoRa**” which is a part of **JEEVAN Shastra**

PERENNIAL PROBLEM

**WATER
FILTHIER**

7th Sense Solution

**WATER
HEALTHIER**
©

Total Reversal



Implement through your “**RWA ExNoRa**”
which is a part of **JEEVAN Shashtra**

WATER NO-WHERE to
WATER NOW-HERE

WATER
WATER
SHORTER
SHORTER

WATER
WATER
CATER
CATER



ExNoRa INNOVATORS CLUB #
Concepts & Nomenclature: **NIRMAL**



BETTER NOMENCLATURES

Liquid Wealth Management
(**LiWeaM**) has three tiers

1.

Source Liquid Wealth Management
(**SoLiWeaM**)

2.

Decentralised Liquid Wealth Management
(**DeLiWeaM**)

3.

Centralised Liquid Wealth Management
(**CeLiWeaM**)

www.exnorainnovators.club
www.exnora-innovators.club



PERENNIAL PROBLEM

**SEWAGE
SAVAGE**

7th Sense Solution

**SEWAGE
PASSAGE**



Total Reversal



Implement through your

PERENNIAL PROBLEM

7th Sense Solution

**SEWAGE
WASTAGE**

**SEWAGE
USAGE**

Total Reversal



Implement through your **R**esidents **W**elfare
Association (**RWA**) **ExNoRa**

COMPOST DEVICES



DISCARDED TYRES



TRAYS



EARTHEN POTS



WELL RINGS



CEMENT BINS



USED DRUMS



PIT



ROLLER



TUMBLER

Location of Compost device in your place



PORTICO



GARDEN



PASSAGE



STREET GARDEN



**BENEATH
STAIRCASE**



BACKSIDE



WASH AREA



BALCONY



TERRACE



Sorter cum Seater



ExNoRa INNOVATORS CLUB/ Concepts & Nomenclature: **NIRMAL**

COMPOSTING SPACE Horizontal & Vertical



Horizontal Composting HOME



Horizontal Composting Community

ExNoRa INNOVATORS CLUB/ Concepts & Nomenclature: **NIRMAL**



Vertical Composting HOME / FLAT



Vertical Composting TOWN



PERENNIAL LANDFILL ©
is a

Gas Waste Management from Home to Gas fields

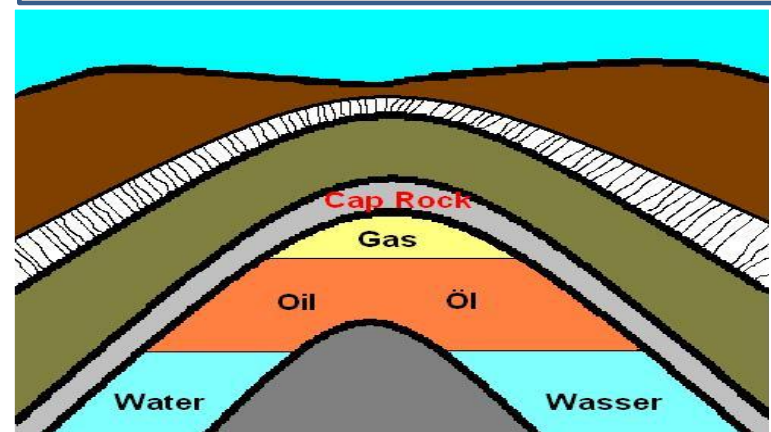
GaWaM Gas Waste Management



SoGaWaM
Source Gas Waste Management



DeGaWaM
Decentralised Gas Waste
Management



CeGaWaM
Gas Waste Management

MAL SHASTRA / TOILET SHASTRA

(Human Excreta Science)

EVOLUTION of **OWNSAN***

(**OWN SANITATION**) from 1999 &

EMERGENCE

of **EXCRETA SHASTRA**

* **PEOPLE** should own **sanitation**

Your **CHAPTER** of **ExNoRa INNOVATORS CLUB** through

its **DIRECTOR : ENVIRONMENT**

with your cooperation will **GUIDE**

www.exnorainnovators.club

www.exnora-innovators.club

JEEVAN Shastra, Life Science, for Living as Human Being

The regular so called TOILET took so many AVATARS
as **MAL-SHATRA** & **JEEVAN SHASTRA**

1.
JoyLET

2.
DaisLET

3.
ToyLET

4.
TuteLET

5.
ToiLOT

6.
ToilLET

7.
OwnLET

8.
InputLET

9.
TrustLET

10
ResourceLET

11.
TollLET

12.
ToLET

+ **Urinate** & **UreaLET**

Urinate & UreaLET

URINAL has a tank to collect urine for culturing for use as **BIO-UREA**. Miss not another brilliant innovation: “**ExNoRa Pocket & Packet Urinal**”

JEEVAN Shastra, Life Science,
for **Living as Human Being**

EVOLUTION of a TOILETS and the emergence of TOILET-SHASTRA

before



ExNoRa INNOVATORS CLUB

after



ExNoRa INNOVATORS CLUB/ Concepts & Nomenclature: NIRMAL

Street was
an open
TOILET

Paryavaran
Shastra

A toilet capacity
with six rooms
constructed
with the help of
the LOCAL BODY

An **EVOLUTION** of a TOILET and the emergence of
TOILET-SHAstra

The toilet capacity with six rooms constructed with the help of the local body was not sufficient for a **POPULATION** of over 1000



**JEEVAN Shastra, Life Science, for Living as
Human Being**

The TOILET was renamed as **JoyLET** with carom, newspapers, books & music as time-pass & diversionary attractions for people waiting for their **TURN**

JoyLET©



It was JoyLet because it had

1. Carom
2. Books & Newspapers to read while they were waiting for their turn
3. Music
4. Bench to sit
5. wash basin for hand wash

INNOVATION

Nirmal

after



JOYLet ©

ExNoRa INNOVATORS CLUB



ExNoRa INNOVATORS CLUB/ Concepts & Nomenclature: **NIRMAL**

before



OPEN-LET

CHILDREN DAIS TOILET
without walls as they
had their fear to go
inside the walled toilet
rooms

TOIET INNOVATION & EVOLUTION

INNOVATION
by
Nirmal



DaisLET

after

DAIS-LET

EMERGENCE of TOILET SHASTRA



But some children will not be by the **TOYLET** IDEA. A new Idea was needed to get all of them. It was Toy**LET**

INNOVATION by **Nirmal**

It became
Toy**LET** with
play gadgets



Children Toilet became **TOYLET**



The toilet has TOYS which lure children to come to toilet, using the toys to play & of course answer their call of nature too. Inside the **ToyLet**, children use the board on the wall to write & draw pictures

Toilet
became



Toilet
became
INLET
for
knowledge

ToyLET



It has toys which lure children to come to toilet, play using the toys and of course answer their call of nature too.

A new toilet constructed named as **TuteLET**

A very old abandoned toilet renovated by people and motivated and guided by **ExNoRa** INNOVATORS CLUB



Awareness of use and maintenance of toilet, by allotting a part of new toilet for Tuition Centre

TuteLET



Tuition was taken on their school curriculum + awareness on Hygiene (Hygiene My Gene) was created for them to tell their parents

ToiLOT © on the first floor which will house different sections of the slum dwellers for different purposes

Morning
10 am
**Vocational
Training for
women**



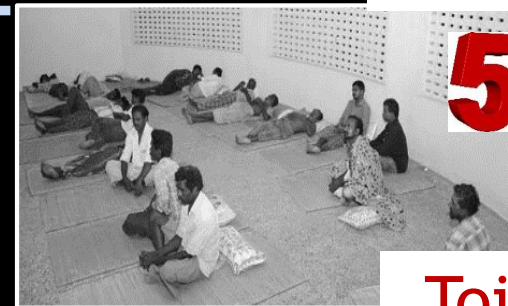
Evening 4
pm Teach
Reach
**Tuition
Centre**

Evening 6
pm **READING
ROOM**
newspaper,
periodicals
for all



Night
8 pm
**Indoor
Games for
Slum
YOUTH**

Night
10 pm to
6 am next
morning
Night Shelter
for OLD



**Speak &
Peak**
Public
Speaking
Training
on every
Sunday

ToiLOT



My TOILET MY TOIL-LET ExNoRa's "ONE HOME, ONE TOILET" PROJECT



TOIL



My TOILET is my SWEAT & TOIL.
I will construct my TOIL-LET



ToiLET



ExNoRa's PEOPLE'S TOILET, LABOUR (Shramdaan)
by YOUTH + **CONSTRUCTION MATERIALS**
by their earning wages working in the GOODS TRAIN



OwnLET

**Youth work in the
GOODS TRAIN on**

**Sundays & holidays,
EARN & Construct
TOILET**



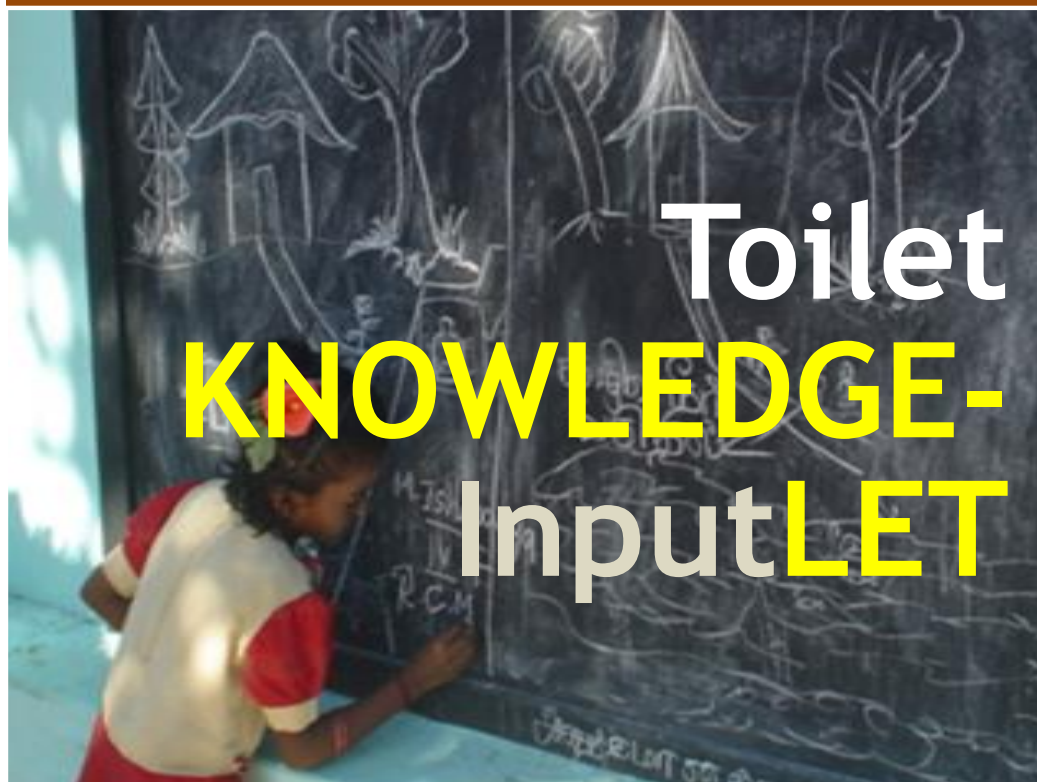
ExNoRa INNOVATORS CLUB

**ExNoRa's
OwnLET or
PEOPLE'S TOILET
for, of & by
PEOPLE**

JEEVAN Shastra, Life Science, for LIVING as Human Being

Toilet
became

InputLET



TOILET
became
InputLET
for knowledge
particularly
TOILET
MANAGEMENT

TrustLET has a coin collection box. The users drop a fee voluntarily for TOILET MAINTENANCE. True to its name everyone including those who used it never failed to drop coin. CLIMAX: The Coin Collection box was never stolen

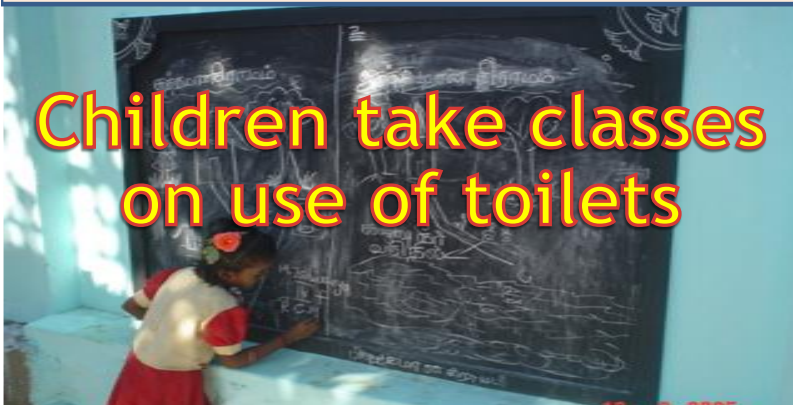
TrustLET



Use & Receive Toilet (Not Pay & Use Toilet)



Social Mobilisation & Social Preparation



ResourceLET Energy Synergy Toilet
(Use & Receive) by DEWATS

