

ExNoRa STREET STAR

ONE MAN or
ONE WOMAN
can do so many wonder-things.

His / Her
JOB TITLE :

ExNoRa Street Star

CAUTION

**Should not be
exploited.**

**8 Hour- Job &
Reasonable Work**

ExNoRa STREET STAR

CIVIL SOCIETY
EMPOWERMENT

100% AUTOMATIC

ExNoRa STREET STAR



ExNoRa STREET STARS

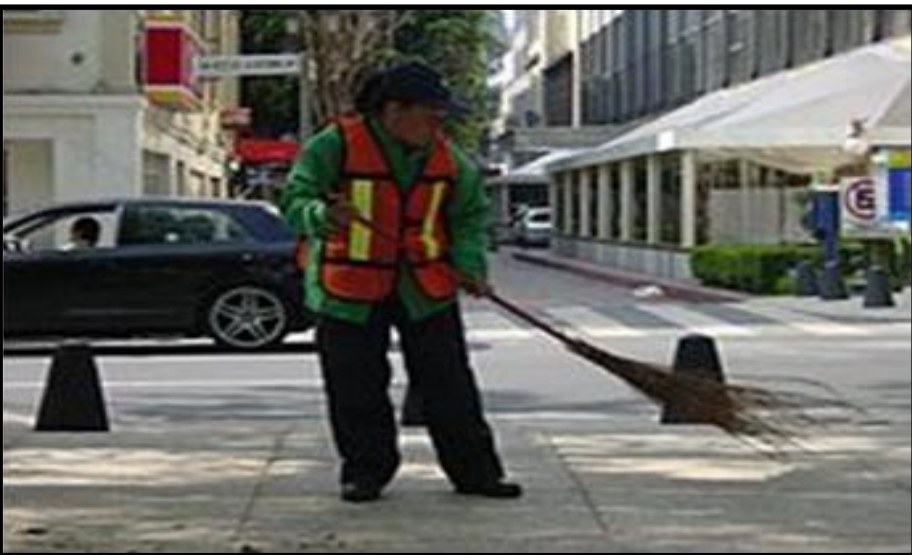
as SWACHH UCHCH SEVAK can be entrusted with one or more of the following five duties

01. EXNORA SWACHH UCHCH SEVAK

- a. Street Beautifier
- b. Waste to Chaste Converter
- c. Plastic Practic Practitioner
- d. Paper Prosper Magician
- e. Metal Mettle
- f. Glass Class Change-maker
- g. Street Gardener

01. EXNORA SWACHH SEVAK

a. Street Beautifier in street Cleaning Service



WASTE to CHASTE CONVERSION



VEGETABLE
MARKET
WASTE

Paryavaran
Shastra

via RWA
ExNoRa



CHASTE

THANKS to ExNoRa Solid Waste Management (SWM)

SLAUGHTER HOUSE WASTE



via WASTE
CHASTE
ExNoRa



SWM ExNoRa is an ACTIVITY of ExNoRa Innovators Club

PLASTIC PRACTIC



Paryavaran
Shastra

via

RWA
ExNoRa



P3 by M3

PLASTIC PATHETIC became
PLASTIC FANTASTIC

Thanks to P3 by M3
ExNoRa



via

PLASTIC
PRACTIC
ExNoRa



P3 by M3 ExNoRa is an activity of ExNoRa Innovators Club

WASTE PAPER .. PAPER PROSPER

Waste Paper recycling at Exnora Vocational Training Centre



More than 9000
people

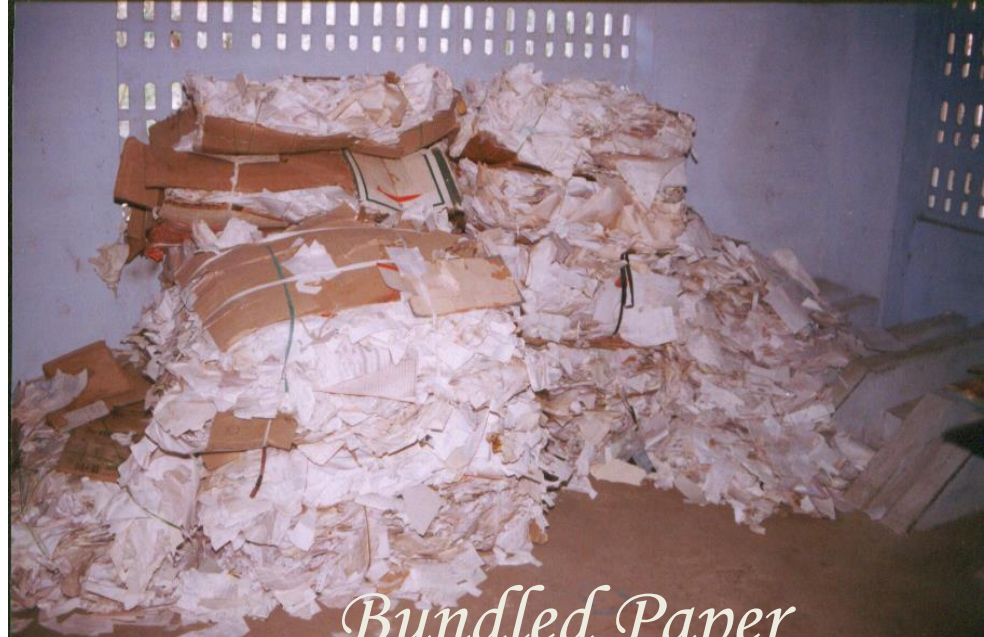


Across Tamil Nadu
Trained





Sorting of paper



Bundled Paper

WASTE PAPER .. PAPER PROSPER



Machine in action



*'Self help group Exnora'
members in action*

WASTE PAPER

SUPER PAPER



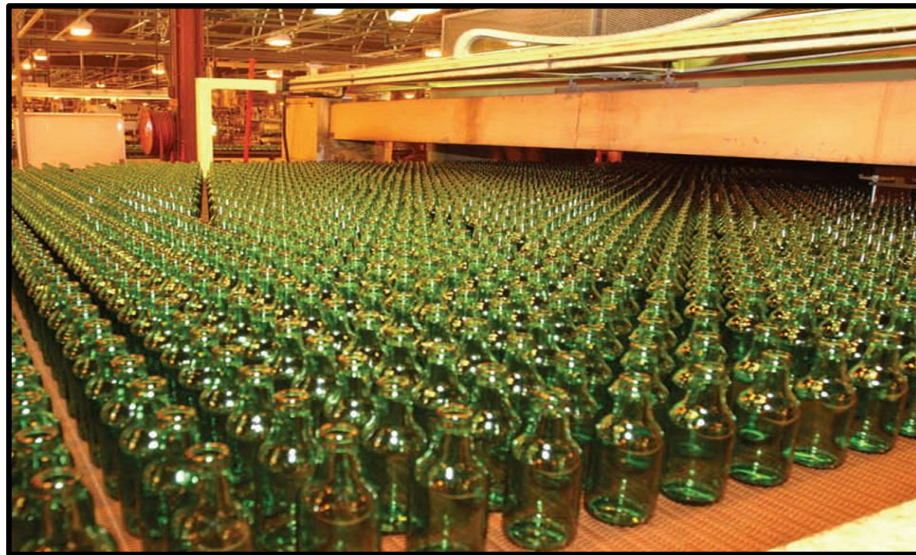
METAL

METTLE

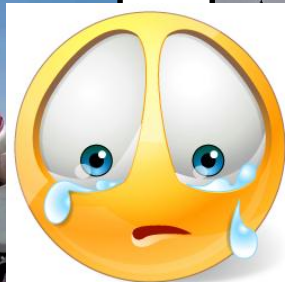


GLASS

CLASS



POOR WASTE- MIXED WASTE



WEALTHY WASTE- SEGREGATED WASTE



ExNoRa STREET STAR

The ExNoRa concept of Solid Waste Management (SoWaM) will be based on :

HOO & KISS

HOO & KISS stand for
(ACRONYM)

HOO : Handle Once Only

KISS : Keep It Simple, Stupid

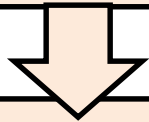
HOO & KISS

HOO & KISS stand for
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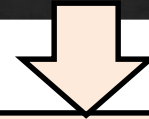
HOO
Handle
Once
Only



HOO
Handle
Once
Only



It is only YOU when YOU
HANDLE / DISPOSE
WASTE as a
TRASH GENERATOR.



KISS is an acronym for "**Keep it simple, stupid**". The KISS principle states that most systems work best if they are kept **simple** rather than made complicated; therefore simplicity should be a key goal in design and unnecessary complexity should be avoided.

MISS not KISS

The four psycho**LOGIC** tools
of **ExNoRa** are based on
KISS



ExNoRa STREET STAR

ExNoRa Street Star
can be entrusted with one
or more of the following
tasks without
overburdening him/ her
by workload.

ExNoRa STREET STAR

01. ExNoRa SWACHH SEVAK:

His / Her MAIN TASK

a. will keep the street always clean by street sweeping twice a day. The residents will not litter as the STREET after ExNoRa ADOPTION will be declared as LITTER-FREE-STREET.

b. will collect the segregated waste from every dwelling. (Kept outside and only OUTSIDE the dwelling).

REMOVAL OF BASKET / JUTE BAG (HOO & KISS)

The STREET STAR removes the basket with garbage placed inside the compound of every dwelling, transfers the same to the larger **CART-BIN** inside his cart.

He / she reaches the Waste Collection Point / Transit Point / Transfer Station (as the case may be) and transfers waste inside in his / her **CART-BINS** directly to the Garbage Collection Truck / Waste Compactors / **MASSIVE BINS** at the / transfer station (as the case may be).

REMOVAL OF BASKET / JUTE BAG (HOO & KISS)

The system is called HOO (Handle Once Only). Nobody handles the garbage except the residents from whom the garbage actually and originally emanate. Garbage is generated by individuals who throw it by their hand (HOO) The resident or the servant at home handles only the broomstick and basket. The street Star handles the domestic -basket and transfers to the larger CART-BIN and finally transfers the garbage from the his / her CART-BIN to the WASTE TIPPER TRUCK (Lorry or compact bin). The TIPPER TRUCK DRIVER takes his / her vehicle to the landfill for unloading /tipping the garbage there. Thus nobody touches garbage which is harmful

ExNoRa STREET STAR DUTIES

01. ExNoRa Swachh Sevak: (continued)

03. will insist on Collection of **SEGREGATED WASTE** instead of **MIXED WASTE**.

04. will guide the residents on the **NUANCES** (the dos/ don'ts) of **WASTE SEGREGATION** and enlist the residents 100% cooperation

**He / she will not refuse
to take mixed waste.**

**But will appeal for
segregated waste. He /
she will tell citizens his/
her ordeal**

**There will be
eco-cop inside
the home either
a child or a
Senior Citizen.
Matching
Citizens'
Participation**



How to monitor and check
whether the family
members do proper

SOURCE

SEGREGATION

adhering to the four

PSYCHOLOGIC ?

Policing of your duty of
SOURCE SEGREGATION
by your children* designated
by you or even by your
ExNoRa Innovators Club
as
"HOME **ExNoRa** ECO-COP"

* MUST BE CHILDREN . AGE NO BAR

NIRMAL's 7th Sense

SOURCE SEGREGATION PLEDGE

- "I am an **ExNoRa**n and naturally a **LOVER** of **NATURE & MOTHER EARTH**.
- I promise that I will do **SOURCE SEGREGATION**, in letter and spirit.
- If I fail or do it wrongly, I will pay a fine of Rs 10/- by dropping it in the coin collection box for use of

GREENING ACTIVITIES



Policing of your duty of source segregation by your children called HOME ExNoRa ECO-COP

You take a pledge before the NATIONAL FLAG and that you will do source segregation and otherwise will pay a fine of Rs 10/-. The pledge may be administered by "HOME ExNoRa ECO-COP"



You cannot escape, because a child-cop is policing you and will give you a ticket & you have to cough up a fine of Rs 10/-



You take a pledge before the NATIONAL FLAG and that you will do source segregation and otherwise will pay a fine of Rs 10/-. The pledge may be administered by "HOME ExNoRa ECO-COP"

SOURCE SEGREGATION PLEDGE

- "I am an ExNoRa and a LOVER of Nature & Mother Earth.
- I promise that I will do SOURCE SEGREGATION of WASTE.
- If I fail or do it wrongly, I will pay a fine of Rs. 10/- by dropping it in this COIN COLLECTION BOX for use of GREENING ACTIVITIES"



Policing of your duty of
SOURCE SEGREGATION

by your children called
HOME ExNoRa ECO-COP

You take a pledge before
the NATIONAL FLAG and
that you will do source
segregation and otherwise
will pay a fine of Rs 10/-.

The pledge may be
administered by your
"HOME ExNoRa ECO-COP"





HOME ExNoRa
ECO-COP.
Apply with
photo, for a
"HOME ExNoRa
ECO-COP"
e. CERTIFICATE



“HOME ExNoRa ECO- COP” duties are to Check and Police. To keep a vigilant eye whether family members do the following dos & don'ts.

1. Source Segregation
2. Liquid Waste Management
3. Saving Energy e.g. Switching off LIGHTS
4. Safety
5. Hygiene
6. Conservation
7. In short ensure that they follow HOME ExNoRa check-list

CHECK LIST

ROLL ROLE

The 12 ROLES will be shared by the members of family. The HOME

ExNoRa

Child Cop's duty is also to do ROLL ROLE i.e. rotate the roles





PARAMETERS

CHECKLIST

AS YOU IMPLEMENT,
CHECK EACH BOX (TICK)
ONE BY ONE



WONDER
HOME
to be done
by your
HOME ExNoRa

CLEAN HOME	<input checked="" type="checkbox"/>	WASTE CHASTE HOME	<input checked="" type="checkbox"/>
HYGIENE HOME	<input checked="" type="checkbox"/>	POLLUTION FREE HOME	<input checked="" type="checkbox"/>
GREEN HOME	<input checked="" type="checkbox"/>	RENERGY HOME	<input checked="" type="checkbox"/>
HEALTHY HOME	<input checked="" type="checkbox"/>	RESPONSIBLE HOME	<input checked="" type="checkbox"/>
SAFE HOME	<input checked="" type="checkbox"/>	CONSERVATION HOME	<input checked="" type="checkbox"/>
HAPPY HOME	<input checked="" type="checkbox"/>	MOTIVATED HOME	<input checked="" type="checkbox"/>

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**

A to Z of WASTE
MANAGEMENT

CHAPTER 7

STREET BEAUTIFIERS' DUTIES

STREET STAR

STREET BEAUTIFIERS' DUTIES

Street beautification ensures clean roads and a healthy atmosphere. It also provides employment opportunities to unemployed youth. More employment would actually mean a decrease in crimes and anti-social activities. The added benefit of an activity like street beautification is that the people come closer and get united. A real sense of security can be achieved only when people come together and practise community living. Carefully go through the following with regard to employment and work allocation for street beautifiers.

**See safety with regard to
appointment and their
credentials**

Selection

Take the assistance of the President of **Residents Welfare Association ExNoRa** (FORCE) for getting a “**Street Beautifier**”. The best place for finding a candidate is the Municipal Body Office (the Division / Ward Officers in your area). Seek the assistance of conservancy staff to get a good person above 18 years of age. You can also approach the rehabilitation homes dedicated for the welfare of rag pickers.

Application & Interview

Get an application from the candidate with all details such as a) name (b) temporary and permanent addresses (c) father's name (d) ration card number (e) personal identification marks (f) signature or left hand thumb impression (g) passport size photograph, etc. Interview him to find out his suitability for the job. Get a minimum of four photographs of him (one each for your record, his identity card, the bank / finance company and the President of **Residents Welfare Association ExNoRa** .The cost of the photographs has to be borne by the RWA **ExNoRa**. Obtain a letter from him stating that he is self – employed and is offering his services to your **Residents Welfare Association ExNoRa** for which he should be paid against his monthly service bill.

Counselling

The most important task in recruiting the Street Beautifier is his induction into service. Counselling of the Street Beautifier is a very important duty in induction. Nice treatment, kind language, explaining him the significance of his work, how important he is, etc., should be part of your counselling. The first impression is the best impression. He should realise the usefulness of his work and that he is going to serve very good people.

Salary

The Street Beautifier is a self – employed person. He renders service and presents a monthly service bill to the President of **Residents Welfare Association ExNoRa**. The service charges should include money towards loan the account to be paid directly by the **Residents Welfare Association ExNoRa** to the Bank). Obtain an undertaking letter from him to that effect. The loan can also be availed of in the name of **Residents Welfare Association ExNoRa** in which case the above mentioned formality can be ignored.

Uniform

A dark blue colour uniform, shoes (orb slippers), ExNoRa cap, plastic badge cum identity card with name and designation are to be provided by the **Residents Welfare Association ExNoRa** . He should be provided with a pair of GLOVES which he must wear while he does the cleaning.

This is for his own protection which he might not be aware of. He must be advised on the need for wearing them in the context of the variety of diseases, which he might contract, if he does not protect himself properly.

Working Hours

His duty hours are from 8 a.m. to 5 p.m. (or 7 a.m. to 4 p.m.) with one hour lunch break in between. He will have one day weekly off. The weekly holiday can be any day between Monday and Friday as fixed by your **Residents Welfare Association ExNoRa**. The reason for this is that if he works on Saturdays and Sundays, the residents have the advantage of seeing him work. On the day of his weekly holiday, residents should retain trash in their respective houses, in baskets properly covered by lids.

Supervision

Residents should come forward to supervise the work. The President should devise a system for proper supervision. The work may be entrusted to a few housewives and retired persons on a rotation basis, who would initial in a small pocket book held by the street beautifier. This pocket book has to be verified by the concerned committee member periodically.

Complaints

If there are any complaints and / or the street beautifier's work is found to be unsatisfactory, the residents should not directly deal with the Street Beautifier. They should take up the matter with the President, Secretary or the concerned Executive Committee Member, who will handle the problem. If the Street Beautifier has to answer too many bosses, he may not continue long in the job.

Where there is no hydrocon (hydro container) the **Residents Welfare Association ExNoRa** can arrange for regular cement garbage bins (Masonry), large metal bins, compactor bins, dalaos, ExNoRa's Innovative "Trash Sorting and Despatch Box" (TSDB) as the case may be for temporary storage of garbage. The street beautifier transfers the garbage from houses to bins and Municipal Body takes over from there to the landfill. Garbage can be taken by the street beautifier to the Transfer Station directly if there is one nearby by his slow moving trash collection cycle cart from where the fast moving Municipal Truck transports garbage to a landfill. Bullock – carts can be hired for removal of garbage. You will find the ideas are all very simple and hence called KISS (Keep It Surely Simple) so that any one can easily understand and implement them. Only if it is simple, can it be sustained.

Garbage while transported through three wheeler cycle – cart, it should be covered with nylon net to prevent garbage spilling over the road.

During the rainy seasons, the garbage should be covered with tarpaulin to prevent the rain water falling on the cart carrying the filth.

Bell Conservancy System

Alternatively start a “**Bell conservancy System**” with the help of the Municipal Body. In this system, on hearing the sound of the bell from the Municipality conservancy cart or truck, the residents themselves, or through their servants, transfer the garbage collected in their house in a basket, straight onto the Municipal Cart. Under this system both primary and secondary collections are carried out by Municipality.

Road Sweeping

The street beautifier sweeps the road in the morning and evening and ensures that the road is kept clean throughout the day.

Ditch Cleaning

Many towns do not have under ground drainage. The sewage “flows” through the open drainage (ditch) on either side of the road. As it is open, the trash thrown out falls into it. Wind causes things like paper & plastic fall into the ditch obstructing the free flow of sewage, resulting in it’s over flow onto the roads. This makes small puddles of sewage breeding mosquitoes. In such roads the street Beautifier will have an additional duty. With the help of Scoop (shovel fixed with a long handle) he has to scoop the loose materials and immediately transfer the same to his cart and ensure free flow of the sewage.

Roadside Garden

The street beautifier is expected to develop a simple garden on the side walks (Platforms) generally along the compound wall leaving sufficient space for pedestrians to walk. Border / hedge plants, cactus and grass can be grown. This is strongly recommended on three grounds. Firstly it adds to the beauty by giving the place a facelift. Secondly this enables the domestic wells to get recharged with rain water as the platform is saved from being tarred or cemented and sealed. Lastly the platforms are also protected from being encroached.

Roadside Garden

In many towns the sewage is carried by an open canal (ditch) running on either side of the road, adjoining the rows of houses. The canal (ditch) gives an ugly look. The trash like paper, plastics etc., fly and fall in the canal (ditch) and obstructs free flow of sewage. The result is the breeding of Mosquitoes from the stagnated sewage and over flowing of sewage on to the road and creation of sewage pools on the road. This problem can be minimised by planting border / hedge plants between the ditch and the road all along the ditch. These plants prevent trash from flying and falling into the ditch apart from preventing sewage water over-flow into the road. At the same time the ugliness of the ditch is hidden by these plants. The ugly actually becomes a beauty. These border plants are not eaten by cattle and do not need water. They can be cut and trimmed. This easily provides facelift to your road with almost “NIL” cost except for labour as plants are available in plenty. You just have to cut and plant. It also stops mud dropping into the ditch. It is also suggested that shiftable cement slabs can be placed on the walls of the ditch and ornamental plant pots can be kept over the slabs. When cleaning work has to be carried out, the pots and slabs can be removed and after cleaning, restored.

Tree planting

If tree saplings are planted, the house owner in front of whose house the sapling is planted should provide a tree guard and also water them, or else it could also form part of the duty of the street beautifier to water them and he can get water from the respective house. The tree can be adopted by one of the members of the family who becomes the **Tree Guardian** and a small board bearing the name of the Tree Guardian (preferably a child) who has adopted it can be tied to the tree guard. Little grown up saplings can also be planted which may not require tree guard. Little grown up saplings can also be planted which may not require tree guards at all. “Hanging pots pole” or “POT HOLDERS” can be erected along the pavements to give the appearance of a park live inside a park. The street beautifier will also water the plant in the pots. (Please see Chapter 14, write up on **ExNoRa Green Cross** to know the types of service rendered which can be availed by you).

Separation of Garbage:

The street beautifier must be briefed on the importance and need to separate garbage according to its end – use. He should be taught to take out the paper, plastic, metal, glass and other recyclable materials in a separate bag to be kept by him in the cycle cart itself. He should be advised to always use gloves. He should be told that the recyclable materials can be sold by him which will increase his income. Discarding recyclable materials is a national waste. Merely dumping them in the landfill will only result in environmental degradation of the soil. With landfill space becoming scarce and the Municipal trucks being forced to carry trash to a much longer distance, the problem is becoming more complex, necessitating Municipal body to purchase more trucks. Needless to say there are resultant problems like consumption of more fuel, more pollution, less trips, etc. If only the outflow of garbage is curtailed from each household and the volume and quantity of garbage is drastically reduced, the twenty first century will witness **garbage wars** with each and every town and village opposing to use their land as dumping yard or landfill of garbage emanating from other places.

Vermi / Aerobic / Anaerobic Composting by Street Beautifier

The street beautifier can be trained in vermi technology. He can be given space (Some public open space) for vermin composting or aerobic composting. The sale of compost will be an additional source of income for him. Alternatively, all the residents can agree to have the service of one person who will go to each and every residence by rotation and carry out the process. He would be paid collectively or individually by a group of residents. The compost can be utilised for their own gardens. He can also be given training in aerobic and anaerobic composting. It will be a wise idea to have a two in one (doing the work related to composting as well as gardening).

ExNoRa STREET STAR

OPTIONAL ADDITIONAL TASKS

**01 Man Machine Medicine M3
MUSTQUITO**

02. STREET TREE GUARDIAN

03. Tree-Pest Controller

04. Watch & Vigilant Eye

05. Traffic Guide

06. Humanity Bank Custodian

More
**ExNoRa STREET
STARS**

means

more tasks can be
undertaken, More
services to people
and more job
opportunities for
more youth

Note

You may need more than ONE STREET STAR &
MORE if you want more issues to be taken up

1. **STREET STAR** can simultaneously take another AVATAR as **MUSTQUITO TERMINATOR**

B3

BAR &

BLOCK

BREEDING

through

M3

MAN

MACHINE &

MEDICINE



ExNoRa COMMUNITY
MUSTQUITO TERMINATOR
(ECMT)



2. **STREET STAR** can simultaneously take another AVATAR as **TREE GUARDIAN**



ExNoRa

STREET

SERVICE-

PROVIDERS

ExNoRa STREET SERVICE-PROVIDERS

Street
Electrician



Street
Plumber



Street
Carpenter



ExNoRa STREET SERVICE-PROVIDERS

Street Pest
Controller



Street
Gardner



Street
Watchman



ExNoRa STREET SERVICE-PROVIDERS

Street Milk
boy



STREET
NEWSPAPER
BOY



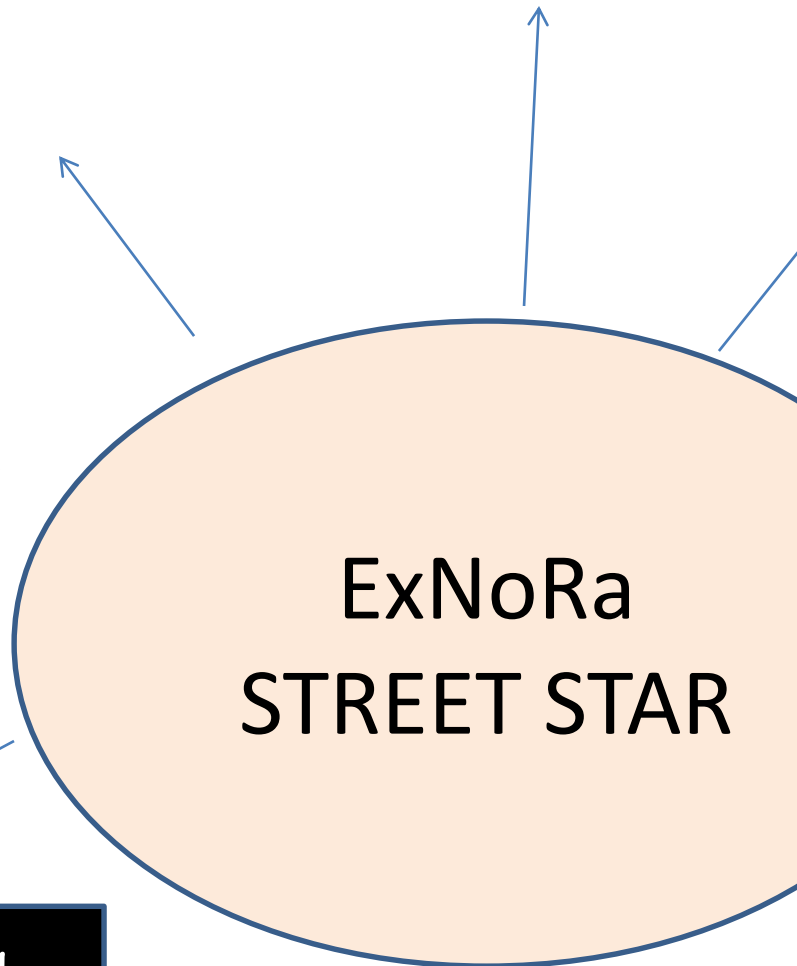
STREET
FLOWER
VENDOR



TIME
-TIME
(MAN)
(WOMAN)
LITATION
IFIER

ry or
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CAUTIONS to be
taken
while employing
IC HELP PPTs



STREET
B
STREET
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SWACHH ST
STREET CO
PLASTIC
PAPER P
STREET G
STREET TR
WASTE TO CH
STREET SAFETY
HUMANITY DI

SOURCE SEGREGATION is RESOURCE AGGREGATION

Human Habits &
20/86400

ExNoRa Eco-cop &
fine levied

Refuse collectors
will refuse to
collect your
domestic mixed
waste

Those who do well
are rewarded.
Appreciated by
STREET NOTICE
BOARDS

SOURCE-SEGREGATION is made 100% easy

Refuse collectors will refuse to collect your domestic waste if it is mixed

Sorry,

NO.

STREET TREAT

BY STREET STAR

STREET CLEANLINESS

SWACHH STREET / AREA

STREET COMPOSTING

PLASTIC PRACTIC

PAPER PROSPER

STREET GARDENING

STREET TREE WARDEN

WASTE TO CHASTE ANGEL

STREET SAFETY (VIGILANT EYE) HUMANITY

DIVINITY BANK

Removal of Basket / Jute Bag (Hoo & Kiss)

Thus , no one need to touch (in fact should not touch) the garbage. If the residents are willing, jute bags can be used instead of baskets. Ensure that the basket itself is taken into the cart instead of transferring the garbage into the cart, like carts carrying fruit baskets, as a lot of labour and time is saved this eliminates duplication of work and most importantly avoids totally the need for the street beautifier to make more use of his hands while handling the garbage. If necessary the door number of the respective house can be painted on the basket so that it is returned to the same house.