



Plastic Awareness and Collection Campaign in Trains

28th October, 2017

The school of Biosciences, MACFAST College Thiruvalla in association with the Thiruvananthapuram division of Southern Railway conducted an awareness programme on the harmful effects of plastic on health. The awareness campaign was done for passengers in the trains plying between Thiruvalla and Kottayam on 28th October, 2017. Mr. Biju Dharmapalan, HoD, School of Biosciences coordinated the event and 41 students were actively involved in this programme. NSS volunteers and students from School of Biosciences collected the discarded plastic waste bottles from the train compartments and these were used to construct a vertical garden in the vacant space of Thiruvalla railway station and in the college campus.



Poster for the plastics awareness campaign conducted by NSS volunteers in the trains

[Handwritten signature in green ink]

Fr. Dr. CHERIAN J KOTTAYIL
 PRINCIPAL
 Mar Athanasios College For Advanced Studies
 Thiruvalla- 689101, Kerala



[Handwritten signature in blue ink]
 Stephen Javed
 Program Off. 01.07

DRIVE AGAINST PLASTIC IN TRAINS

28th October 2017

Organised By School of Biosciences, MACFAST

In association with Southern Railway, Thiruvananthapuram Division

Drive against plastic on trains

MACFAST to join hands with Railways

SPECIAL CORRESPONDENT

PARANANTHAKUTTY

The School of Biosciences attached to the Mar Athanasios College For Advanced Studies in Thiruvalla (MACFAST) will join hands with the Thiruvananthapuram division of Southern Railway to check the plastic menace in trains.

In a statement here on Friday, Pradeep Vazhatharamalayil, college Principal, said that the students at the MACFAST School of Biosciences would conduct an awareness campaign for the passengers in trains plying between Thiruvalla and Kottayam on Saturday.

Biju Dharmapalan,

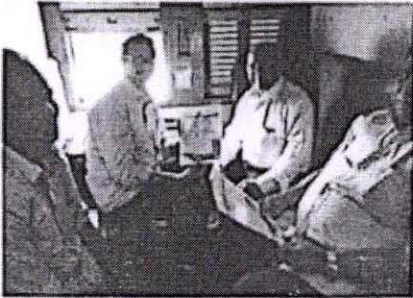
Awareness campaign to be held on trains plying between Thiruvalla and Kottayam

MACFAST students will collect discarded bottles from the compartments

Dean, School of Biosciences, will coordinate the campaign.

The students will collect discarded bottles from the compartments.

Fr. Vazhatharamalayil said the students would construct a vertical garden in the vacant spaces of Thiruvalla railway station, using the PET bottles collected from trains.

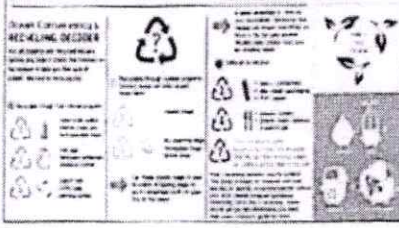


Save Our Planet from PLASTIC WASTE

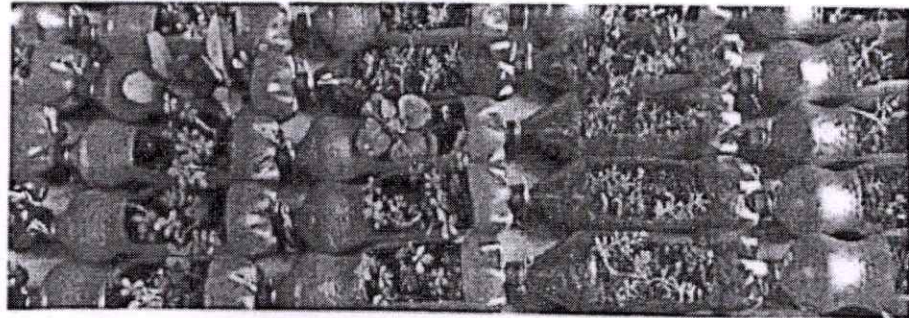
Refuse single-use and disposable PLASTICS

Start now: bring your own bag and reusable bottle

Plastic is the most common material used in the world. It is made from fossil fuels and is not biodegradable. It takes hundreds of years to break down. Plastic waste is a major environmental problem. It pollutes the land and the sea, and it is harmful to animals and plants. We can reduce plastic waste by refusing single-use and disposable plastics. We can also recycle plastic waste. Recycling plastic waste helps to reduce the amount of plastic that ends up in landfills and the ocean. It also helps to conserve resources and reduce greenhouse gas emissions. We can all do our part to reduce plastic waste. Let's start now: bring your own bag and reusable bottle.



[The Hindu, dated on 28-10-2017]



An Initiative of

MACFAST

(Mar Athanasios College for Advanced Studies Tiruvalla) Kerala-689101
And Southern Railway, Thiruvananthapuram Division



Southern Railway

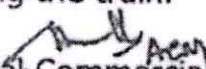
Divisional Office
Commercial Branch
Thiruvananthapuram-14
Dt.17.10.17.

V/C 14 PA/awareness campaign

The Head
School of Bio Sciences
(MACFAST)

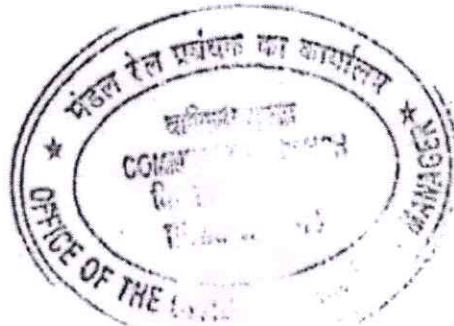
Sub:- Organising awareness campaign in trains between TRVL and
KTYM – permission regarding
Ref:- Your letter dt 29.09.17

The competent authority has granted permission to the your college for conducting awareness campaign for the passengers travelling in trains plying between TRVL and KTYM regarding the proper method for disposal of plastic bottles. Permission has also been accorded to you for collecting these bottles and utilizing them for construction of vertical garden in the vacant spaces of TRVL station. You are requested to contact SMR/TRVL for necessary assistance. Also you are required to ensure that all the participants from your college purchase tickets before boarding the train.


Senior Divisional Commercial Manager
Thiruvananthapuram Division

Thiruvananthapuram-14

Southern Railway, Thiruvananthapuram-14



Save Our Planet From

PLASTIC WASTE

Refuse single - use and disposable PLASTICS

Start now: bring your own bag and reusable bottle

The Facts

Plastic is forever

Plastic creates toxic pollution at every stage of its existence: manufacture, use, and disposal. Plastic is a material that the Earth cannot digest. Every bit of plastic that has ever been created still exists, including the small amount that has been incinerated and has become toxic particulate matter.

Plastic poisons our food chain

In the environment, plastic breaks down into small particles that attract toxic chemicals. These particles are ingested by all living organism in land & water, contaminating the food chain.

Plastic affects human health

Harmful chemicals leached by plastics are present in the bloodstream and tissues of almost every one of us, including newborns.

Disposable plastics are

the main source of plastic pollution

Consumption of disposable plastics-bags, bottles, straws and so-forth has spiraled out of control. These items are used for seconds, hours or days, but their remains last forever.

Plastic recycling is not a sustainable solution

Most of our plastic waste is landfilled, downcycled, incinerated or exported to other countries. Recycling of plastic is costly and does not stem the production of virgin plastic product.

Plastic pollution is not only in the ocean

The amount of plastic pollution in the ocean is expanding at a catastrophic rate, but there are similar concentrations of plastic in the desert, in every community around the world, in our homes and in us.

Ocean Conservancy's RECYCLING DECODER

Not all plastics are recycled equally. Before you toss it check the number on the bottom-it tells you the type of plastic, the key to recyclability.

● Recyclable through most curbside programs



- water/soda bottles
- peanut butter jars
- microwavable trays



- milk jugs
- detergent containers
- shampoo bottles



- yogurt tubs
- bottle caps
- ketchup bottles



- Recyclable through outside programs. Grocery stores will often accept these items.



- plastic bags



- dry cleaning bags
- newspaper bags
- shrink wrap



Tip: Keep plastic bags in your reusable shopping bags so you'll remember both on your trip to the store.



Always remember to rinse out your recyclables. Removing food residue will ensure everything you throw in the bin gets another life-and clean bottles keep your bin smelling fresh!

- Difficult to recycle



- berry containers
- deli meat packaging
- PVC pipes



- plastic cutlery
- plastic foam takeout boxes/cups



Other, including bio-plastic. Bioplastics are made from renewable materials, but many recycling systems are unable to process them at this time.

Note: Recycling systems vary by location. This guide is based on research and best practices for specific recommendations consult your local curbside program guidelines. Searching "(your city) + recycling" online should get you the information you need. Visit ocean.ly/recycle for more.



An Initiative of

MACFAST

(Mar Athanasios College for Advanced Studies Tiruvalla) Kerala-689101
And Southern Railway, Thiruvananthapuram Division



MAR ATHANASIOS COLLEGE
FOR ADVANCED STUDIES TIRUVALLA

