

# BEAT PLASTIC POLLUTION

ON WORLD ENVIRONMENT DAY

BY - SOUTH ASIA FORUM FOR ENERGY &  
INSTITUTION OF ENGINEERS

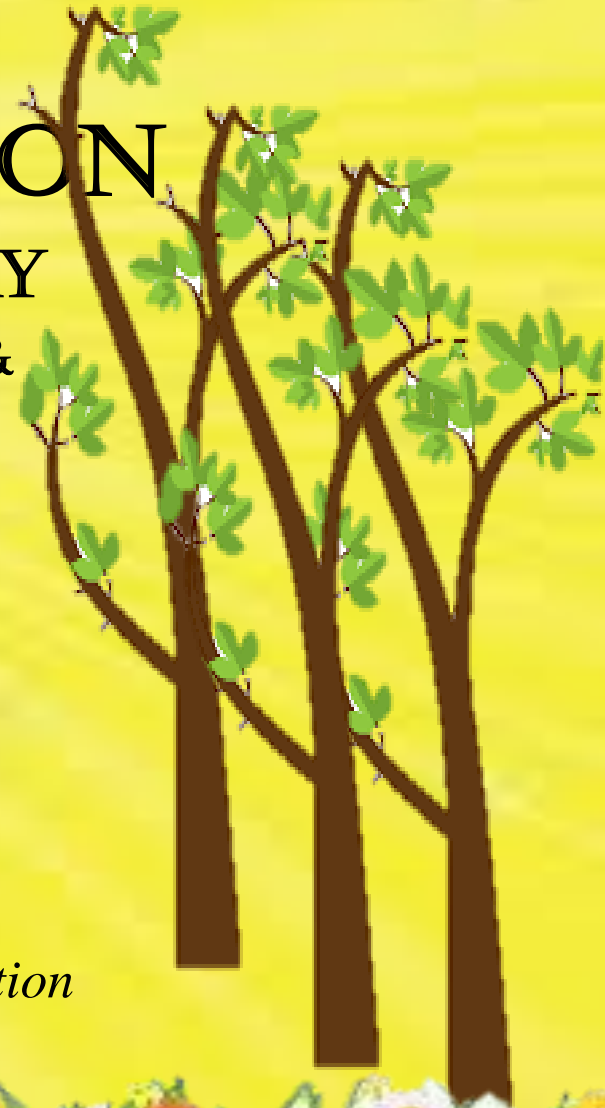
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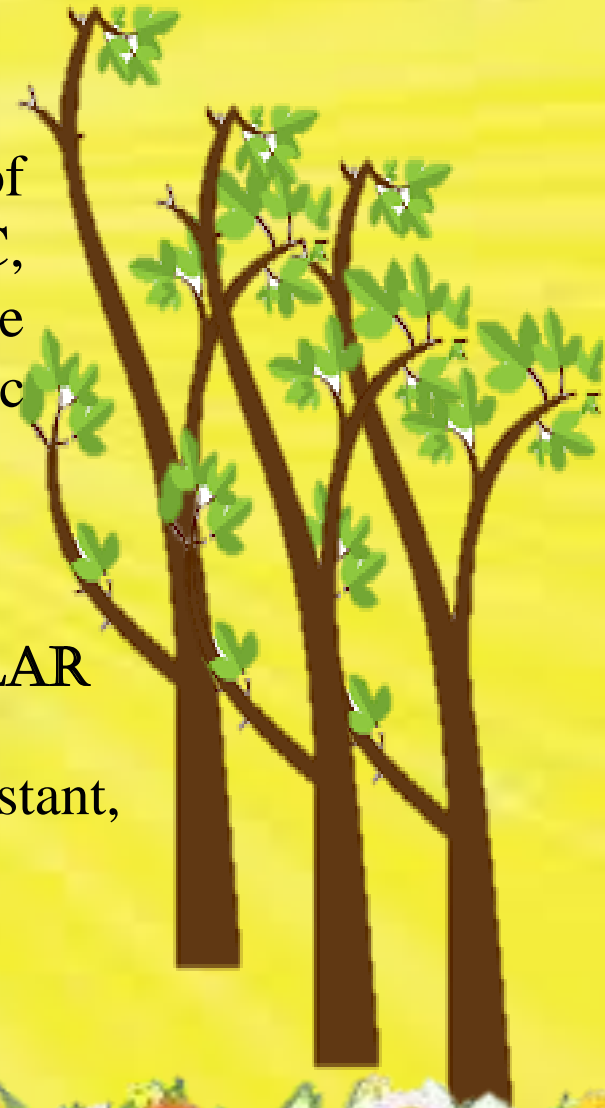


# WHAT IS PLASTIC

A synthetic material made from a wide range of organic polymers such as polyethylene, PVC, nylon, etc., that can be moulded into shape while soft, and then set into a rigid or slightly elastic form.

## QUALITIES THAT MAKE PLASTIC POPULAR

It is versatile, lightweight, flexible, moisture resistant, strong, and relatively inexpensive.



# FEW FACTS

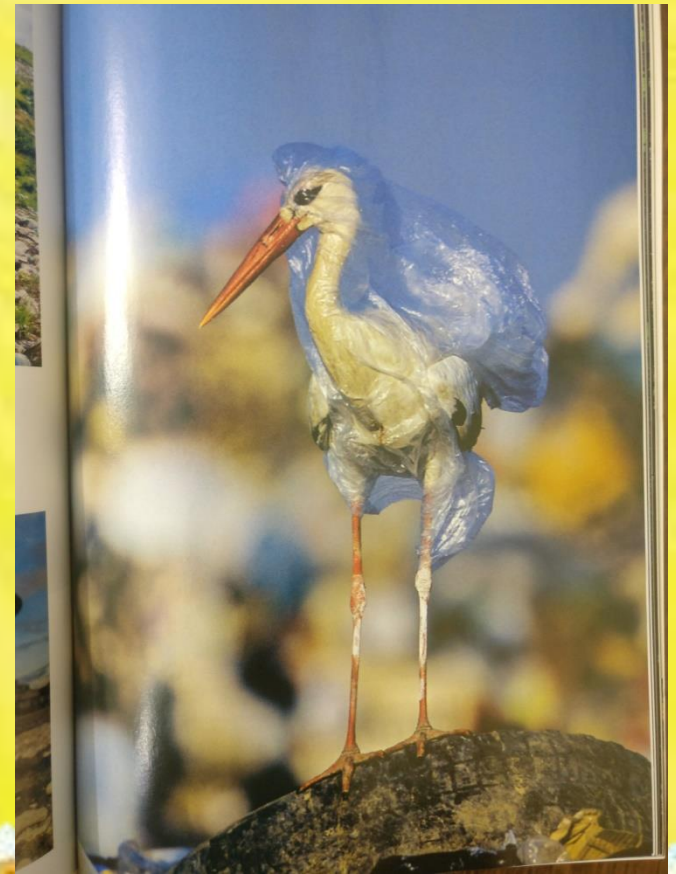
- In India, 80% plastic consumption is discarded as waste.
- Our country generates 25940 tonnes of plastic waste daily; 40% remains uncollected.
- A plastic bottle takes 450-1000 years to decompose
- Single use plastic ...candy wrapper, tobacco, ....., soap, shampoo remain uncollected
- Nearly 50% of plastic waste are single use products ...bottles, bags, packaging, straw, spoons, forks
- In the last 70 years, 8.3 billion tonnes of plastic has been produced, 6.3 billion tonnes has been discarded
- By 2050, major oceans will have more plastic than fish



**PLASTIC... WE MADE  
WE DEPEND ON IT  
WE ARE DROWNING IN IT  
.....LAURA PARKER (2018)**



**...AND DROWNING ALL THE  
LIVING BEINGS WITH US**



Careless disposal of plastic is creating problems that is leading to degradation of resources both in land and ocean.



# STRATEGIES TO PREVENT PLASTIC POLLUTION

- Waste-pickers are Delhi's greatest warriors against trash mountains, recycling almost 15-20% of Delhi's garbage a day. **TRAIN THEM FOR PROPER COLLECTION AND SEGREGATION**
- Carry your own shopping bags, invest in a reusable water bottle, say no to straws.
- Recycled plastic has great potential as an eco-friendly resource to create new items of utility. It is extremely versatile recycled.
- Plastic can be mixed with tar to build roads



**The problem is not with plastic, but the poor waste-disposal culture that is creating innumerable problems for the country.**

**.... Dr. Vasudeva Rajagopalan**

### **Plastic is not the villain – Reuse, Reduce, Recycle**

- Innovate methods to facilitate easy collection, sorting and subsequent recycling
- Catch them young....Start teaching about the 3 Rs right from primary school.
- Eco-clubs in the educational institutes can play a major role in spreading awareness about proper methods of waste segregation and disposal
- Street plays, media campaigns help
- Campaigns by Central and State governments









*Thank You*