

## DAY 26, GREENER

Wisdom is not knowledge but application of knowledge. And Dr. Rajagopalan Vasudevan had set just the perfect example for the same. A chemistry professor at Thiagarajar College of Engineering, Madurai

(TCE) , provided solution a thought material him, the are.



an epitome of ingenuity the world with the excellent to plastic pollution. A man with mission saw what others to be a malign product as a raw for building roads. According to plastic is not the problem; we Believing immensely in waste management, he wanted to

generate additional use and disposal techniques for the article. He was in complete denial for the ban of the product because he believed it was important to the poor people. Ban plastic and it can severely affect the quality of life for a low-income family. But if you burn or bury it, it's bound to affect the environment.

So, on performing various experiments, he found that plastic in molten



state had the property of an excellent binder. So, when Dr. R. Vasudevan combined



molten Plastic with Stone and bitumen, a black tarry substance, used to lay roads, he observed, it bound together and improved the tensile strength of road, making it more durable and flexible. Also , using plastic as a binder , the quantity of bitumen utilized was reduced by 6-8%.

Our planet is encapsulated with snack-food packaging that is non-recyclable , if this initiative is implemented thoroughly , we can ,achieve near-zero landfill leaving almost nothing for final disposal , according to Almitra Patel , a member of India’s supreme Court committee for solid waste management. Starting from laying a 60-foot road in his college campus to implementation of this idea in many rural as well as urban cities in India , the plastic man of Madurai has inspired and continues to inspire many individuals in his college and world wide.



We, the members of Holocoen are so grateful and present our utter gratitude to Dr. Rajagopalan Vasudevan to help us realize the alarming importance of waste management and improvement of environment deterioration.

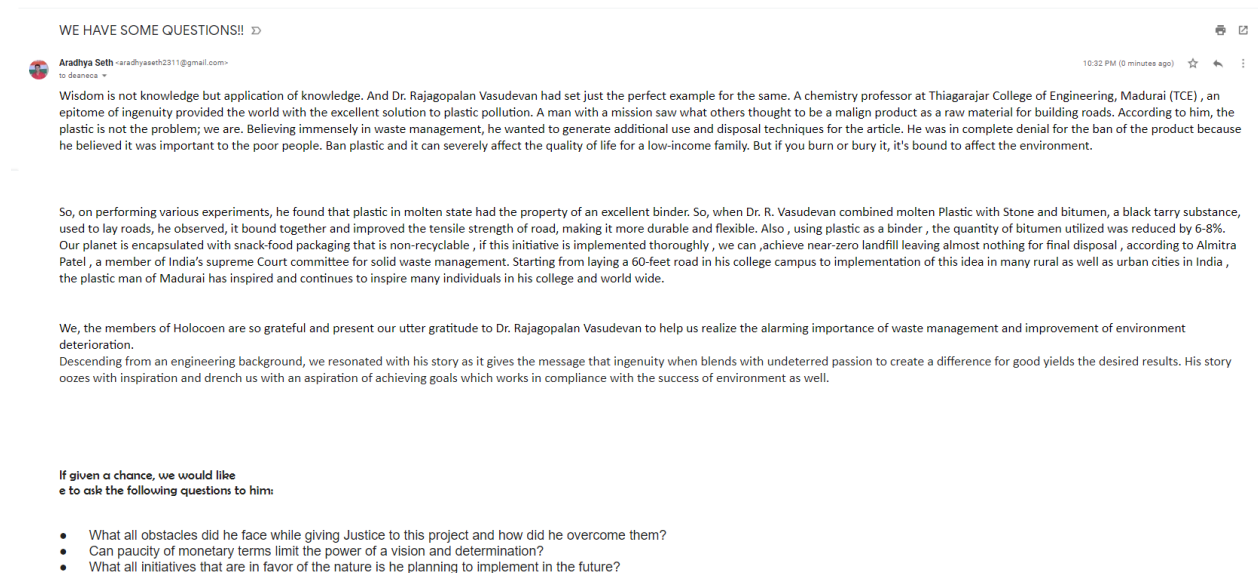
Descending from an engineering background, we resonated with his story as it gives the message that ingenuity when blends with undeterred passion to create a difference for good yields the desired results. His story oozes with inspiration and drench us with an aspiration of achieving goals which works in compliance with the success of environment as well.



**If given a chance, we would like  
e to ask the following questions to him:**

- What all obstacles did he face while giving Justice to this project and how did he overcome them?
- Can paucity of monetary terms limit the power of a vision and determination?
- What all initiatives that are in favor of the nature is he planning to implement in the future?

**WE SENT HIM THE EMAIL TOO.**



Username: TeamHolocoen

Email: [aradhyaseth2311@gmail.com](mailto:aradhyaseth2311@gmail.com)

School: Oriental Institute of Science and Technology

Challenge: Day 26, GREENER