

FT LECTURE SERIES
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Source: <https://www.plastivision.org/blog/how-plastic-waste-is-helping-kerala-to-become-a-green-state/>

03.03.2023 | 5:00 pm IST

"Plan Before Ban"- Waste Plastics



Dr. Rajagopalan Vasudevan
(Padma Shri Awardee)

Coordinator TCE ENVIS RP |
Professor, Dept. Of. Chemistry |
Thiagarajar College Of Engineering, Tamilnadu

"Plastic Man of India", **Padma Shri**, Dr. Rajagopalan Vasudevan is an Indian scientist working mainly in waste management. Dr. Vasudevan developed an innovative method to reuse plastic waste to construct better, more durable and very cost-effective roads. His process, patented in 2006, involves mixing shredded plastic with hot gravel and adding it to molten asphalt. His road construction method show greater resistance to damages caused by heavy rains and 'Plastic roads' constructed since 2002 have not developed blisters or potholes. His technology is now widely used to construct roads in rural India. The proposed talk strives to review and present the development and key applications of waste plastics in the domain of civil engineering.

Link for registration: <https://cept-ac-in.zoom.us/meeting/register/tZAsc-qprzgpE9xMgVLBcBJqeLGykq0NlhSV>