

WEALTH FROM WASTE

CONSTRUCTION OF ROAD USING PLASTIC WASTE & SOIL WASTE

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Construction of road using waste water & soft drink bottles filling them tightly with soil waste. These filled bottles has given good compressive strength so that this type of roads can be adopted for parking area, footpaths, pedestrian bridges etc . By adopting this type of constructions we safely & smartly utilize the plastic waste which has become a touch task for environment.

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REPORT

Disposal of waste plastic is a major problem. It is non biodegradable & It mainly consists of low-density polyethene. The burning of these waste plastic bags causes environmental pollution. Plastic Bottles is increasing day by day. As a result amount of waste plastic also increases. This leads to various environmental problems. Many of the wastes produced today will remain in the environment for many years leading to various environmental concerns. Therefore it is necessary to utilize the wastes effectively with technical development in each field. Many byproducts are being produced using the plastic wastes. Plastic waste, consisting of carrying bags, cups and other utilized plastic can be used as a coating on aggregate and this coated stone can be used for road construction.

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Plastic has the property of absorbing sound, which also helps in reducing the sound pollution of heavy traffic.

The waste plastics thus can be put to use and it ultimately improves the quality and performance of road.

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