

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM-590018**



A PROJECT REPORT ON

**“Eduction of Composite Polyethylene Kerb - An Exodus
from the usual”**

**Submitted in Partial Fulfillment of the requirements for the Award of Degree of
Bachelor of Engineering
in
Construction Technology & Management**

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Abstract

One of the major challenges that the world has been facing over the years is the disposal of plastic waste. The prime focus today should be on how to recycle plastic to arrive at the parent product or to reuse it efficiently in a different form. This is a widespread concept, not confining itself to any particular sector.

Considering the field of road safety, the project is concerned with the usage of Polyethylene, a material that is abundantly available and cannot be easily recycled. Evaluating a series of compositions in terms of strength parameters, the main aim is to educe a kerb of the proportion derived from the obtained results.

The basic idea is to refrain from the consumption of cement, the motive being reduction of Carbon dioxide emission and related hazards. Articulating the fact that most plastics can be recycled to products with long standing benefits, the project is exemplary to the same.