

Project Report on

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By

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Date:

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“TOPIC NAME”

ABSTRACT

There is a growing awareness in India about extensive damage being caused to the environment due to accumulation of waste materials from industrial plants, and it has become one of the major environmental, economical and social issues. Waste material is the material unused, unwanted and rejected as worthless into the environment in our society as whole. Waste materials coming out of industry nowadays is posing a great environmental problem in disposing them into the air, water and on the land. But, with proper utilization of these materials in making rural road construction will greatly help the society to have a better and pleasant environment. Substitution of waste materials will conserve dwindling resources, and will avoid the environmental and ecological damages caused by quarrying and exploitation of the raw materials for making cement. These waste materials can partly be used, or processed, to produce materials suitable as aggregates or fillers in concrete. Use of waste products is not only a partial solution to environmental and ecological problems and it significantly improves the structure and consequently the properties of concrete. So, use of waste materials not only to make the cement concrete less expensive, but to provide a blend of tailored properties of waste materials and portland cements suitable for specified purpose. The study seeks the possibilities of whether some of these waste products can be utilized as highway construction materials.

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LIST OF ABBREVIATIONS AND SYMBOLS

JRY	Jawahar Rozgar Yojana
BFS	Blast Furnace Slag
GBFS	Granulated Blast Furnace Slag
HMA	Hot Mixed Asphalt
ASTM	American Society for Testing Materials
LOI	Loss of Ignition
TPA	Tonnes Per Annum
PCB	Printed Circuit Board
CRT	Cathode Ray Tube
PS	Polystyrene
PE	Polyethylene
PP	Polypropylene
PET	Polyethylene Terephthalate
PVC	Poly vinyl chloride
CSE	Centre for Science & Environment

