



ABSTRACT

Name of Institution: De La Salle University- Dasmariñas

Address: Dasmariñas, Cavite

Title:

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OBJECTIVES OF THE STUDY

A. GENERAL:

- a. To advocate and promote among the manufacturers the use of biodegradable plastic materials.

B. SPECIFIC:

- a. To encourage plastic manufacturer to adopt this newly discovered technology
- b. To show the vital data and information regarding the importance of adopting the technology on PHB polymer produced biodegradable plastic.
- c. To advocate for the utilization of PHB polymer produced biodegradable plastic that will ultimately minimize the waste disposal problem.



Scope and Coverage: The project extent is the province of Cavite, which is one of the industrialized provinces in the country.

Methodology: The descriptive methods are used in the thesis and the application of forecasting technique to conclude of the aftermath of the project.

Major Findings: The use of different of Poly-beta-hydroxybutyrate (PHB) containing microorganisms plays a major role in the production of biodegradable plastics. This newly discovered technology diminishes environmental pollution and minimizes increase of plastic waste materials.

Conclusion: The existing situation in our country needs a solution to minimize the unstoppable increase of garbage. We, the researcher come up with thorough analysis that microorganisms play a major role in decomposing plastics. We, have concluded that the

Recommendation: On the basis of all data gathered by the researchers and after thorough analysis, The researchers recommend that Poly-beta-hydroxybutyrate (PHB) be used by plastic manufacturers in producing biodegradable plastics. If the use of biodegradable plastic will be encouraged, with the help of our government, the ever-increasing volume of plastic waste materials will be minimized.