

OPTIMIZATION WITH SUN LIGHT SOURCE IN OLD CONSTRUCTED BUILDING AND CONVERTING TO GREEN BUILDING

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ABSTRACT

Green building (GB) is the practice of increasing effectiveness through which buildings makes use of resource energy like, water and materials, whereas reducing the building impacts on human health along with the environment. Similarly reuse of the waste products to decrease the environmental dust. The green building concept is gaining significance amidst a variety of countries, including India. These are the buildings to ensure the waste is minimized at each stage during the construction and also operation of the building, resulting within low costs, in accordance to experts in technology. A green building is a structure which is environmentally responsible along with resource efficient all through its life cycle. It refers to a structure which is responsible to design, construction, operation, maintenance, renovation and also demolition. This research paper focuses on Optimization through re-engineering that is a journey headed to Green building, which means old buildings re-constructing in the direction of Green buildings.

Key words: Green building, Old buildings, Plastic boards, Plastic pipes, Re-engineering, Reflection and diffuse reflection, Resource utilization.

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1. INTRODUCTION

Old buildings can be transformed into green buildings. This might sound similar to a bold statement however take a flash to consider just the minority of their qualities along with it turns out to be easier to comprehend. As existing structures, old buildings characterize an investment within carbon which is lost if destroy them; their fabric frequently has high thermal mass, assisting to prevent overheating within summer; they are built through natural, frequently local materials; they are comparatively simple to repair as well while they do at last come to the end of their life, their components be able to be reused. These are familiar research and at present following extensively (Froeschle, 1999). But in the time of re-constructing