

"REUSES" AN EXAMINATION OF THE CONCEPT AND ITS ADAPTABILITY IN CONTEMPORARY ARCHITECTURE



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Master of Science in Architecture

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ABSTRACT

The past lives in the present and the present in the future, which the concept of reuse always harmonize with present need and future aspirations. Since remote times, man has made use of the concept of reuse. But the change has become the most characteristic phenomenon of our age and the concept reuse also gets changed and evolves with this changing context. In this evolutionary process the use of reuse concept get faded due to the profit-motivated society.

Much attention has been given to the concept of reuse in architecture and it has been subjected to greater discussion since it is required by the modern world. Because it has been realized that this concept is a good solution for the problem of unlimited consumption increasing needs.

This study thus concentrates on the importance of revitalising the concept and intends emphasize the importance of its applicability in architecture. Therefore it hopes to identify the reuse as a concept and explore its principles under ping the concept in relation to architecture. Finally it will emphasize the need for this concept in contemporary architectural practice, as it is required urgently.



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INTRODUCTION

INTRODUCTION

Primitive man was nature-bound, worshipped natural phenomena, and closely guarded and moderated his use of natural resources. Although the natural resources may be plentiful, they used only the amount, which is required for once sustenance and no more. As a result of this until recently we had virgin land with plenty of resources. This idea applies to buildings in that our vernacular buildings were made of sustainable materials so as its reuse the land for future. Because these buildings having served their useful purpose would perish naturally and return to the earth from which they were made.

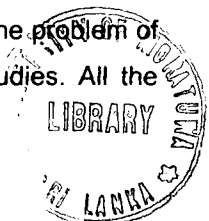
But with period of time they get change due to various changes like industrial revolution. The contemporary society is undergoing qualitative transformation. The age of uncontrolled industrialization is giving way to a new wave of social direction.

With the advent of colonialism and western precepts of profit motivated work and the open market and capitalist philosophies of the postcolonial era, the idea of reuse faded. .

With increasing market competition came the introduction of more long lasting non-reusable material shaped the way we live. The order of the day was 'use and throw away'; recycling was not an issue. This applies as well to architecture, where, concrete, steel and glass created buildings catering to mass appeal and later torn down when trends and fashions changed. The resulting pollution, both environmental and architectural has become enormous. When in modern society realized the negative consequences of the aforesaid phenomena occurred last few decades they began to quest new was of reusing architectural materials and building which a sustainable in modern context. It is important to investigate the concepts of reusing a buildings and materials.

As mentioned above the concept of reuse has been used from the remote time and it developed with religious philosophies and culture. But when it became mediaeval period after industrial revolution this concept was eliminated from the world. Therefore it is essential to revitalize this concept as a main concept in architecture. Because the concept of reuse much more related with architecture than other subjects. Therefore this present study intends to establish the importance of the reuse concept. Thus this present study is needed as a separate study.

In the present study, it offers a new approach to the problem in architecture, which arise due to the absence of reuse concept. The problem may be approached in many different ways conserving the environment and architecture. The people have given the problem of environmental degradation. It has been predicted in several in several studies. All the



researches are done on green architecture, Eco sensitive architecture and sustainable architecture or fragment studies or researches. But the concept reuse has not been given a separate study. Therefore the concept of reuse should be given is in-depth study as it is needed by the contemporary situation. Thus this study is needed and there are several intentions to be achieved by this study.

It intends to identify "reuse" as a concept used by people from the remote time. Therefore it will be examined the concept of reuse as a beginning for the study and then it intends to reveal this concept as a major path of architecture. Here it will be analyzed the concept under several principles and hopes to discuss applicability of this principles in contemporary architecture.

The major scope of the study is to establish the importance of rediscovering the concept of reuse. Because it will identify the demerit s of the absence of this concept, present study many thus conclude as an attempt to revitalizing of the concept of reuse in architecture.

To achieve the above intention this study will consist of three main chapters. It initially concentrates on identifying the concept of reuse and its development with the culture and with religion background. Then it will be studied the concept of reuse under several principles and applicability in contemporary architecture. Finally the study intends to emphasize the importance of rediscovering of the concept reuse. Thus this study will be presented as in the following chapters.