

# IMPACT OF THE CONCEPT OF TRADITIONAL SPACES ON MODERN URBAN DOMESTIC ARCHITECTURE IN SRI LANKA

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A dissertation submitted to the department of Architecture,  
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for the Degree of Master of Science in Architecture  
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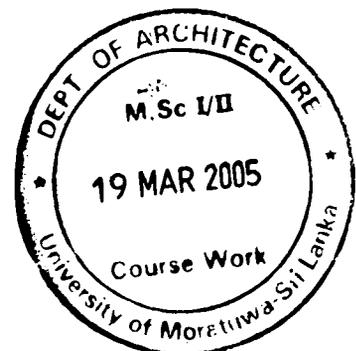
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## Declaration

I declare that this dissertation represent my own work, except where due acknowledgement is made and that it has not been previously included in a thesis, dissertation or report submitted to this university to any other institution for degree diploma or other qualification.



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Conclution.

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## **Abstract**

In this study an attempt is made to examine the impact of concepts of tradition spaces in modern urban domestic architecture in Sri Lanka. The first part of the first chapter will be developed to survey very briefly the development of domestic architecture which one of the primary needs of the mankind.

The second part of the same chapter tries to analyze the life styles and the concept of space in Sri Lankan architecture. Most important space areas such as verandah, pila court yard will be studied.

The second chapter is devoted to gather the results of case studies. Each case study will be summarized in an inform pattern, which includes sub divisions on aspects such as location, plan-form, special articulation and special characters.

The third chapter will analyze the impact of the concept or traditional domestic architecture on modern urban houses. This impact is to be seen prominently in space articulation, climate controlling and selection of appropriate materials. Each aspect will be separately dealt with.

The study will be concluded with a summing up after the third chapter.

## **I Observation and issues**

One of the primary needs of human being is the shelter. Shelter has been developed by man for over several thousand years and modern time every body prefers to live in a comfortable and suitable residence. Hence architects have a responsibility to give best residences for the society. This create a challenge for architects, because what is to be regarded as the best is a matter of domestic architecture for members of the urban society creates more problems than that in the rural area. Urban areas are more congested and environmentally polluted and many other such factors have to be considered evolving a suitable model for urban living.

Various architects could propose different types of models. But observing all these models and selecting best and appropriate features in them perhaps next line of architect may create a much better model in future. Hence there is, obviously a necessity for research in this field is a very humble attempt to proceed or begin in that task.

## **II Identification of the study**

This study intends to examine modern urban houses, which have use traditional architecture. It will try to understand the impact of traditional concepts of space in modern and the way that the contemporary architects modify and adopt those concepts to create an appropriate housing style for the urban society.

Spaces in a house cannot be taken along to understand any feature of the total creation. Hence spaces have to be taken together with other elements, which have close relationships with it. Because of this reason the present study will go into examine space articulation, climate control, raw materials in relation to the spaces in modern domestic architecture.

## **III Scope and limitation**

There are so many aspects, which have to be examine to reduce traditional architecture. Some of these are the plan form, spatial characteristic, and materials used to make appropriate spaces in and around the building. The climate condition was one of the key factors, which affects the making of house suitable for living another factor was the life style of the people who

used the house. Another factor is the weather. The other thing connected with this issue is the special object used to create a appropriate condition in a space. There is another aspect to look in to in this study that is the requirement of urban life. The life style changed in course of long time. Hence a traditional house as a whole will not be suitable for used in the present urban setup. There for the study has to be focus to examine the features which can be adopted in evolving a house suitable for modern urban life.

#### **IV Method of study**

To get proper insight on situation it will be used fully understand the historical development of the traditional architecture. This will unable a proper analysis and understanding of the problem in the present context. However to study origin of type of shelters of the man kind during very early times. The sources are limited much data to be gathered from the literary sources. A general survey of traditional architecture is of great importance. The present situation will be examined through field visits and through literary survey.

Several case studies on modern urban houses will be under taken. The selection of houses for these case studies should be done carefully. One important aspect of this selection would be to identify correct architects who well known for practically involving in developing houses with impact of traditional architecture. After the decision on the appropriate architects are made of these architect will be identified. Each house will be with prior arrangement and house will be studied carefully and the result will be carefully analyzed. It is hope that this study will add something more to the existing Knowledge regarding modern urban architecture.