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AN EXAMINATION OF THE CORRELATION BETWEEN GENERATORS OF ARCHITECTURE AND SIGNIFICANT BUILDING.

A DISSERTATION PRESENTED TO THE FACULTY OF ARCHITECTURE OF UNIVERSITY OF MORATUWA , SRI LANKA, FOR THE FINAL EXAMINATION MSc. IN ARCHITECTURE AND TO THE ROYAL INSTITUTE OF BRITISH ARCHITECTS FOR R.I.B.A. (Part 11) EXAMINATION



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S.M.D.VARUNI NADEEKA SENARATNA
DEPARTMENT OF ARCHITECTURE,
UNIVERSITY OF MORATUWA - SRI LANKA
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Introduction



INTRODUCTION

(1) Topic Explanation

Architecture has been considered as inclusive of all forms of building. Although there is no sharp break between what is in the fullest sense architecture and what is not, there is a broad differentiation between architecture and building. Here what I mean by architecture is 'significant building'. Here the meaning of the building is important. There is a meaning in any significant building. This helps to create different significant products in relation to different building types. Therefore there is a separate character between two types of buildings; because architecture is significant building.

But unfortunately this does not happen enough today. Today's architecture has become highly unsatisfactory facing a crisis such as the dilution of architectural values. The architectural solutions are not differentiated in relation to different building types. Today it is often impossible to distinguish characters between a cinema and a church. In other words these do not offer any significant or meaningful built form with varying qualities and expression. Therefore typical buildings have been created instead of significant buildings.

Since senses of human being would diminish. Therefore emotions, human thoughts, desires are deprived and it affects the better lifestyle of human beings and people would have to face unsatisfactory situations. As stimulation is very essential to lead a comfortable life.

There are certain factors which evoke a particular architecture and some factors which modify or stimulate the resultant product. These evoking factors can be called as 'generators' and those are context, activity, purpose and user. Other modifying or stimulant factors are climate, geography, materials construction and technology which can be termed as 'modifiers'.

Out of these two variables, generators are more crucial due to the fact that it involves to create a significant or meaningful buildings. In other words every significant building is created in response to the above generators. Therefore, in the creation of architecture, the architect responds to the generators of his choices. The more the architect responds to them, in the correct manner, the higher the level of complexity generated in architecture. So different levels of meanings generated in architecture.

Therefore, the reason for the above situation (creation of typical buildings) is lack of understanding of the relationship between generators of architecture and significant building, and also the lack of knowledge of generators of architecture and lack of response to generators.

To avoid this situation, the best method is to awake the architects to creates significant buildings, through understanding the co-relation between generators of architecture and significant building.

(2) Intention of Study

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Therefore the intention of this study is to identify, observe and study the forces that generated architecture, discuss the different aspects of these forces and to illustrate the manner in which each of these aspects have led to architecture of value.

(3) Methodology

To do such a study the following steps will be taken.

- identify and discuss the generators of architecture ,
- define what significant buildings are,
- illustrate the co-relation between generators of architecture and significant building

Chapter one will attempt to identify significant buildings and the role of generators. It consists of characters of significant building and how the generators are involved to create a significant building.

Chapter two explains what the generators of architecture and the incidence of designers bias. Chapter three illustrates the co-relation between generators of architecture and significant building. To analyse this co-relation good examples have been to the main generators. (user, context, activity pattern, purpose) and see how the architects have reacted significantly to a given generator.

(4) Scope and limitation

Through the study I have tried to examine the ' co-relation between generators of architecture and significant building' .



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Significant building could be defined in many ways, but in this study what I mean by significant building is a meaningful building. Its imageability, impact etc. will not be discussed in the study. Further, this study consider only generators- the forces that evoke the particular architecture. Secondary or moderating factors have not been considered in detail.

In selecting the examples for case studies, I have tried to select only good examples according to the main generators , to show the relationship between significant architecture and generators. I have not selected any bad examples to show the harmful impact for the human beings since an attempt had been made only to examine the relationship between these two factors.