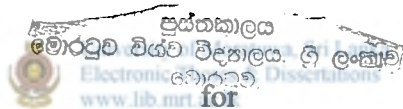


115/2001/24/00

BUILDINGS THAT COMMUNICATE :

**An Examination of the Expression in Architecture
with special reference to Purpose of the Building**

**Dissertation presented to the
Faculty of Architecture
University of Moratuwa**



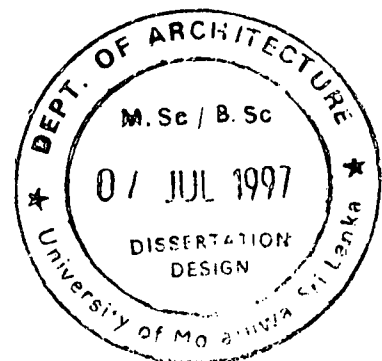
**the Final Examination in
M.Sc. (Architecture)**

71579

72 "97"

725

**Shamila Shiromi Jayatillake
Department of Architecture
University of Moratuwa
Sri Lanka.
1997**



71579

TH

CONTENTS

ACKNOWLEDGEMENT	I
LIST OF FIGURES	II
INTRODUCTION	IV
 CHAPTER ONE	
Architecture and the Functions it performs	01
1.1 A definition to architecture	02
1.2 Functions that architecture performs	03
1.2.1 Shelter for different activities.	04
1.2.2 Climatic filter	04
1.2.3 Place making	05
1.2.4 Source of revenue	05
1.2.5 Communication	05
 CHAPTER TWO	
Communication and Expression in Architecture	07
2.1 Communication & Expression (General)	07
2.1.1 Communication	08
2.1.2 Expression	09
2.1.3 Relationship between Communication & Expression	10
2.2 Communication in Architecture	12
2.3 What do buildings communicate	12
2.3.1 Purpose of the building	12
2.3.2 Client's desire.	12
2.3.3 Architect's imaginations	13
2.3.4 Spirit of age	13
2.3.5 Nature of the society	14
2.3.6 Power and wealth	15
2.4. How do buildings communicate	15
2.4.1 Expression in Architecture	18
2.4.2 Mode of Expression in Architecture	18



CHAPTER THREE

The Expression in Architecture with special Reference to Building Purpose

3.1	Expression & Building Purpose	28
3.1.1	Residential buildings (Houses)	29
3.1.2	School Buildings	33
3.1.3	Office buildings	36
3.1.4	Religious buildings	39
3.2.	Case Studies	
3.2.1	'Thurulu' - A house at Kiribathagoda.	43
3.2.2	St. Bridgets' Montessori School, Colombo 07.	47
3.2.3	Meewella Building, Colombo 04.	51
3.2.4	Ronchamp Chapel, France.	54
	CONCLUSION	58
	BIBLIOGRAPHY	63



ACKNOWLEDGEMENT

First of all I would like to extend my gratitude to my Instructor, Archt. Vidura Sri Nammuni, Senior lecturer, Dept. of Architecture, University of Moratuwa for his valuable advise, comments and encouragement on my work through out this work.

My sincere thanks are due to Proff. Nimal De Silva, Head of the Dept. of Architecture who helped me first to get in to the subject, for giving me valuable ideas and showing me the path to go ahead.

I express my special thanks to Sohani and Priyani for helping me by providing texts, photographs and encouragements. And special thanks goes to Anjana, Aliya, Thanuja, Keerthi and Mahendra for helping me in taking and providing with photographs.

I am grateful to my parents for their continuous support and encouragement for this work.

At last but not least I must give particular thanks to every one who helped me in word processing and finalising the dissertation.

LIST OF FIGURES

Figure		Page
01	A Primitive Hut	01
02	A 'Bissa' - Structure for Storage	03
03	A Gypsy Hut	03
04	A Gypsy Hut	03
05	St. Paul's' Cathedrel	04
06	Soysapura Housing Scheme	05
07	Communication of Human beings	08
08	Communication of Animals	08
09	Expressions on Human beings	09
10	Expression of Majesty (Museum - Colombo 07)	10
11	Expression of Innocence (A Traditional House in Sri Lanka)	10
12	Shape of ronchamp Chapel - France	20
13	Entrance Lobby - Kandalama Hotel	25
14	Solids and voids (Ronchamp Chapel)	26
15	Play of Light and Shadow (Ronchamp Chapel, France)	26
16	De Seram House - Colombo 05	30
17	Stanley Gomez Holiday House	30
18	Sense of Protection	31
19	Intimacy through simplicity	32
20	A building at University of Moratuwa	34
21	A class room at St.Bridget's Montessori School	34
22	St.Thomas Prep. School.-Colombo 03	35
23	Courts Complex - Chandigar	36
24	Bank of Ceylon Tower	37
25	Old Parliament Complex - Colombo 03	37

Figure		Page
26	Stupa of Borobudur - Jawa	39
27	Nave of Amien's Cathedrel	40
28	Interior of Ronchamp Chapel	40
29	Sculptural form - Ronchamp Chapel	41
30	Chapel on the Water	41
31	Hidden Entrance - 'Thurulu' at Kiribathgoda	43
32	Rare Elevation - " " "	44
33a	Use of Natural Colours Textures and	
33b	Material - 'Thurulu' at Kiribathgoda	45
34	Sense of Protection - 'Thurulu' at Kiribathgoda	46
35	Front Elevation - St.Bridget's Montessori Kiribathgoda	48
36	Class Room at Ground Level - St.Bridget's Montessori School	48
37	Class Room at Upper Floor - St.Bridget's Montessori School	49
38	St.Antony's Montessori School -Borella	49
39	Openings of different shapes and sizes	50
40	Meewella Office Building - Colombo 04	51
41	Dominance - Ronchamp Chapel - France	55
42a	Mystery in Ronchamp Chapel	55
42b		
43	Rough Texture of walls - Ronchamp Chapel	56