



ACHARYA'S NRV SCHOOL OF ARCHITECTURE
SOLADEVANAHALLI, BENGALURU -560107

REVITALISING URBAN SQUARE, KARKALA
ARCHITECTURE DESIGN PROJECT (THESIS) – 2022-23

Submitted in partial fulfillment of the Requirements for the
“Bachelor of Architecture” Degree Course

Submitted by : Neha D
USN :1AA18AT034
Guide :Ar. Kusumanjali S

A project report submitted to
VISVESHVARAYA TECHNOLOGICAL UNIVERSITY
“Jnana Sangama”, Machhe, Belgaum – 590018

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ -
೫೯೦೦೧೮



CERTIFICATE

This is to certify that this thesis report titled **Revitalizing urban square, Karkala** by Neha D of X SEMESTER B. Arch, USN No. 1AA18AT034, has been submitted in partial fulfillment of the requirements for the award of undergraduate degree **Bachelor of Architecture (BArch)** by Visveshwaraya Technological University VTU, Belgaum during the year 2022- 23.

Guide: Ar. Kusumanjali S

Principal: Prof. Ar. Sanjyoth Shah

Examined by :

1) Internal Examiner :

2) External examiner 1 :

3) External examiner 2 :

DECLARATION

This thesis title “**Revitalising urban square, Karkala**”, submitted in partial fulfillment of the requirement for the award of the under graduate of Bachelor of architecture is my original work to the best of my knowledge.

The sources for the various information and the data used have been duly acknowledged.

The work has not been submitted or provided to any other institution/ organization for any diploma/degree or any other purpose.

I take full responsibility for the content in this report and in the event of any conflict or dispute if any, hereby indemnify Acharya’s NRV School of Architecture and Visveshwaraya Technological University, Belagavi, and its official representatives against any damages that any raise thereof.

NEHA D

1AA18AT034

ACKNOWLEDGEMENT

I am extremely grateful to express my heartfelt appreciation for the unwavering support, concern, and guidance that my thesis coordinator, Ar. Kusumanjali, provided me with throughout the course of this project. Her invaluable assistance in addressing my queries and offering valuable suggestions has played a significant role in the successful completion of my thesis.

I would also like to extend my gratitude to all the faculties who have played a vital role in shaping my understanding and helped me with my thesis. Additionally, I am indebted to my grandfather for his constant support and guidance required for the completion of this project.

Finally, I would like to thank all the jury members for their valuable criticism during the internal juries, which has greatly influenced the execution of my project. Their insights have been instrumental in enhancing the overall quality of my thesis, and I am truly grateful for their input.

NEHA D

1AA18AT034

Table of Contents

INTRODUCTION.....	7
AIM AND OBJECTIVE.....	8
DESIGN PROCESS.....	8
OBJECTIVES.....	10
SCOPE.....	10
LIMITATIONS.....	10
LITERATURE STUDY.....	11
DAKSHINACHITRA HERITAGE MUSEUM.....	11
INTRODUCTION.....	11
DESIGN AND ARCHITECTURE:.....	11
ELEMENTS IN DAKSHINA CHITHRA.....	13
HERITAGE HOUSES:.....	13
SUSTAINIBILITY.....	18
INFERENCE.....	19

LITERATURE STUDY.....	20
EVOLUTION OF URBAN SQUARE.....	20
LITERATURE STUDY.....	25
CITY SQUARE, MELBOURNE.....	25
INFERENCE.....	29
CASE STUDY	30
SHANTHINAGAR BUS STAND.....	30
LOCATION AND CONTEXT.....	30
FACILITY AND PROGRAMME.....	30
DESIGN & LAYOUT.....	30
REVITALISING THE CITY SQUARE.....	35
KARKALA.....	35
INTRODUCTION.....	35
HISTORY AND CULTURE.....	36
DEMOGRAPHICS AND URBANIZATION.....	37
TOURIST ATTRACTION IN KARKALA.....	38
CULTURE.....	38
FESTIVALS CELEBRATED.....	39

LAND USE AND PLANING.....	42
MOBILITY.....	43
Inference:.....	47
CONCEPT :Revitalising THE URBAN SQUARE.....	50
CONCEPT.....	53

Table of Figures

•Figure 1: DETAILS OF COURTYARD, ROOFING, JAGLI ANDWOODEN COLUMN.....	15
•Figure 2: SITE PLAN.....	16
•Figure 3: CRAFT BAZAR.....	17
•Figure 4: PERFORMANCE CENTRE.....	17
•Figure 5: EXHIBITION.....	17
•Figure 6: RESTAURANT.....	18
•Figure 7: WORKSHOP AREA.....	18
•Figure 8: CHETTIAR HOUSE.....	19
•Figure 9: KERALA HOUSE.....	19
•Figure 10: ANDHRA PRADESH HOUSE.....	19
•Figure 11: TAMILNADU HOUSE.....	20
•Figure 12: WEAVER HOUSE.....	20
•Figure 13: GREEK AGORA.....	24
•Figure 14: ROMAN FORUM.....	24
•Figure 15: ITALIAN PIAZZA.....	25
•Figure 16: PARK MOVEMENT.....	25
•Figure 17: PUBLIC SPACE.....	26
•Figure 18: COMMUNAL GATHERING.....	26

•Figure 19: TIMES SQUARE, NEW YORK.....	27
•Figure 20: VIEW OF OLD CITY SQUARE AND SECTION OF NEW SQUARE.....	29
•Figure 21: SECTION SHOWING OLD CITY SQUARE, 2008.....	30
•Figure 22: NEW PLAN OF CITY SQUARE AND SOME FEATURES.....	30
•Figure 23: SECTION OF NEW CITY SQUARE, MELBOURNE.....	31
•Figure 24: IMAGE SHOWING CIRCULATION.....	34
•Figure 25: IMAGE SHOWING BUS BAYS.....	35
•Figure 26: LOCATION: INDIA, KARNATAKA,UDUPI, KARKALA DISTRICT AND KARK ALA TOWN.....	38
•Figure 27: HISTORY OF KARKALA.....	39
•Figure 28: TOURIST SPOTS.....	40
•Figure 29: CULTURE OF KARKALA.....	41
•Figure 30: FESTIVE MAPPING.....	42
•Figure 31: FESTIVALS CELEBRATED IN INDIA.....	43
•Figure 32: STUDY OF KARKALA.....	45
•Figure 33: TRANSPORTATION.....	46
•Figure 34: SITE STUDY.....	51
•Figure 35: PARKING AND STREET VENDOR ACTIVITIES.....	52
•Figure 36: ACTIVITIES IN KARKALA.....	53
•Figure 37: STANDARDS.....	54
•Figure 38: SITE STUDY.....	59
•Figure 39: INITIAL ZONING.....	61