



ACHARYA'S NRV SCHOOL OF ARCHITECTURE
SOLDEVANAHALLI, BENGALURU -560 107

INTEGRATED HANDLOOM CENTRE
(FLOOD RESILIENT COMMUNITY)
ARCHITECTURE DESIGN PROJECT (THESIS) – 2021

In Partial Fulfilment of the Requirements for the
“Bachelor of Architecture” Degree Course

Submitted by : Aaifa Uroosa
USN : 1AA17AT001
Guide : Prof. Ar. M.S. Harsha

A project report submitted to
VISVESHVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama”, Machhe, Belgaum – 590 018

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ - ೫೯೦೦೧೮



BONAFIDE CERTIFICATE

This is to certify that this is a bonafide record of the Architectural Design Project completed by Aaifa Uroosa of IX SEMESTER B. Arch, USN No. 1AA17AT001 on Project titled Integrated Handloom Centre (Flood Resilient Community).

This has been submitted in partial fulfillment of the requirements for the degree of B. Arch awarded by VTU, Belgaum during the year 2020- 21.

Internal Guide

Principal

External examiner 1

External examiner 2

ACKNOWLEDGEMENT

I would like to convey my deepest gratitude to my thesis guide, Prof. Ar. M.S. Harsha for his constant guidance, timely inputs and endless support throughout the semester. I am extremely obliged to him for taking me through the process and helping me arrive at a design. I would also like to extend my gratitude to the principal, Ar. Sanjyot Shah for his support and encouragement during the Thesis work. Thanks are due to the faculty and staff of Acharya NRV School of Architecture for their moral support and encouragement during these hard times. I am also grateful to my family and colleagues who were my constant support system provided and an ending inspiration.

TABLE OF CONTENTS

CHAPTER 1 - INTRODUCTION

Synopsis

Selected study area.

Introduction to the study area.

CHAPTER 2 - LITERATURE STUDY

01. Blooming Bamboo, Vietnam.

02. Flood resilient housing typologies at Kerala, India.

CASE STUDY

01. UNDERSTANDING PRODUCTION UNIT

Chaliyar Street, Balaramapuram.

02. UNDERSTANDING DESIGN INTERVENTION

The Handloom School, Maheshwar.

Ganga Maki studio, Uttarakhand.

03. UNDERSTANDING EXHIBITION SPACE

Sargaalaya, Vadakar.

CHAPTER 3 - BACKGROUND STUDY

Introduction to Chendamangalam.

Study on Handloom Industry.

CHAPTER 4 - SITE ANALYSIS

Location

Communities

Demographics

Site Context

Regional study

SWOT Analysis

Inference

CHAPTER 5 - DESIGN PROPOSAL

Concept

Zoning

Area statement

Site Plan

Master plan

Floor plans

Sections and elevations

Proposed design views

Bibliography