

ACHARYA'S NRV SCHOOL OF ARCHITECTURE

SOLADEVANAHALLI, BENGALURU -560107

REDEVELOPEMENT OF NEW ARC MISSION OF INDIA-DESTITUTE CENTRE

ARCHITECTURE DESIGN PROJECT (THESIS) – 2023-24

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

Submitted by : HANNAH MRUDULYN T

USN : 1AA19AT020

Guide : AR. PAVITHRA T

A project report submitted to

VISVESHWARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama", Machhe, Belgaum – 590018

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ - ೫೯೦೦೧೮



CERTIFICATE

This is to certify that this thesis report titled REDEVELOPMENT OF NEW ARK

MISSION OF INDIA- DESTITUTE Centre by HANNAH MRUDULYN T of IX

SEMESTER B. Arch, USN No. 1AA19AT020, has been submitted in partial

fulfillment of the requirements for the award of under graduate degree Bachelor of

Architecture (B.Arch) by Visveshwaraya Technological University VTU,

Belgaum during the year 2023-24.

Guide: AR. PAVITHRA T

Principal

Examined by:

1)Internal Examiner

2)External examiner 1 :

3)External examiner 2 :

DECLARATION

This thesis title "REDEVELOPEMENT OF NEW ARK MISSION OF INDIA- DESTITUTE CENTRE", 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.

HANNAH MRUDULYN T 1AA19AT020

ACKNOWLEDGEMENT

I would like to express my sincere gratitude to my thesis guide, Ar.

Pavithra T, for her unwavering support, guidance, and insightful feedback throughout the semester. Her expertise in architecture has been invaluable in shaping and refining my ideas for the destitute center thesis project. I am truly fortunate to have had her as a mentor, and I appreciate the time and effort she dedicated to helping me succeed in this endeavor.

I extend special thanks to Mr. Auto Raja, the founder of New Ark
Mission of India, for generously sharing his profound insights and
allowing me to study the destitute center under his guidance. His
cooperation and valuable time contributed significantly to the depth
and richness of my research. I am grateful for the opportunity to learn
from his experiences and incorporate them into my architectural
exploration. This thesis project has been an enlightening journey, and
I am thankful for the support of both Ar. Pavithra T and Mr. Auto
Raja in making it a reality.

CONTENTS

| 1. | Syn | opsis | | 7 |
|----|--------|-------|-------------------------------------------------------|----|
| | 1.1. | The | sis Topic | 7 |
| | 1.2. | Aim | | 7 |
| | 1.3. | Obje | ectives | 7 |
| | 1.4. | Intro | oduction: | 8 |
| | 1.4. | 1. | Issues faced by destitute centres: | 9 |
| | 1.5. | Just | ification: | 9 |
| | 1.6. | Scop | oe | 10 |
| | 1.7. | Limi | tations | 10 |
| | 1.6. M | etho | dology | 11 |
| 2. | Nev | v Arc | Mission of India (New Arc Mission of India n.d.) | 12 |
| | 2.1. | Aim | and Objective of new arc mission of india: | 12 |
| | 2.2. | Site | context | 13 |
| | 2.2. | 1. | Site | 13 |
| | 2.2. | 1. | Existing | 13 |
| | 2.2. | 2. | Needed | 13 |
| 3. | Gov | ernm | ent norms and standards (Karaffordablehousing) | 14 |
| | 3.2. | Stat | istics | 15 |
| | 3.3. | Nee | d Of The Project | 17 |
| | 3.4. | Faci | lities at shelters | 17 |
| | 3.5. | Desi | gn for the shelters (htt) (Karaffordablehousing) | 18 |
| | 3.6. | ULB | norms and guidelines (htt) | 19 |
| 4. | Lite | | e study | |
| | 4.2. | Jana | Seva Foundation (Foundation n.d.) | 20 |
| | 4.2. | 1. | Introduction | 20 |
| | 4.2. | 2. | Design program | 20 |
| | 4.2. | 3. | Function: | 21 |
| | 4.3. | Siva | nanda Gurukulam (sivananda saraswathi sevashram n.d.) | 22 |
| | 4.3. | 1. | Child welfare | 22 |
| | 4.3. | 2. | Old age home | 23 |
| | 4.3. | 3. | Health care | 23 |
| | 4.3. | 4. | School | 23 |
| | 4.3. | 5. | Specifications | 23 |

| 4.4. Wo | men Empowerment Shelter | 24 |
|---------------|------------------------------------|----|
| 4.4.1. | Introduction | 24 |
| 4.4.2. | Design Process | 24 |
| 5. Case Stu | ıdy | 28 |
| 5.1. Univer | rsal Peace foundation Coimbatore | 29 |
| 5.1.1. Ir | ntroduction | 29 |
| 5.1.2. De | esign | 29 |
| 5.1.3. Ar | rea Program: | 29 |
| 6. Special S | Study | 32 |
| 7. Design P | Proposal | 34 |
| 7.2. Are | a statement | 34 |
| 7.3. Site | | 35 |
| 7.3.1. | Location and Site | 35 |
| 7.3.2. | Site Analysis | 36 |
| 7.3.3. | Land use: | 38 |
| 7.4. Des | sign Process | 39 |
| 7.5. Cor | ncept: | 41 |
| 7.5.1. | Site Functionality: | 41 |
| 7.5.2. | Ideas: | 42 |
| 7.5.3. | Spatial Hierarchy and Orientation: | 42 |
| 7.5.4. | Modular prototype: | 43 |
| 7.6. Pro | posed Design: | 45 |
| 7.6.1. | Master Plan: | 45 |
| Bibliography. | | 49 |