



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

HOPE HAVEN : REBUILDING LIVES FROM ADDICTION.
ARCHITECTURE DESIGN PROJECT (THESIS) – 2023-24

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

Submitted by : Mayooga Rithesh
USN : 1AA19AT031
Guide : Ar. Aksa V. Kondoor

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 **HOPE HAVEN: REBUILDING LIVES FROM ADDICTION BY MAYOOGA RITESH** of IX SEMESTER B.Arch, USN No. 1AA19AT031, 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. Aksa V. Kondoor

Principal

Examined by :

1)Internal Examiner :

2)External examiner 1 :

3)External examiner 2 :

DECLARATION

This thesis title “**Hope Haven: Rebuilding lives from Addiction**”, 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.

MAYOOGA RITESH

1AA19AT031

ABSTRACT

“Hope Haven: Rebuilding lives from Addiction” Architectural thesis aims to design a comprehensive Drug De-Addiction and Rehabilitation Centre that addresses the critical need for a supportive environment aiding the recovery process of individuals struggling with substance abuse disorders. The project emphasizes a holistic approach, integrating therapeutic spaces, communal areas, and environmental elements to foster healing and rehabilitation.

The design focuses on creating a serene, non-institutional environment to encourage emotional and psychological recovery.

Incorporating sustainable and eco-friendly design principles, the project aims to create a harmonious relationship between the built environment and nature.

Through thoughtful architectural planning and design, this thesis envisions a space that not only serves as a treatment facility but also as a symbol of hope, promoting recovery, healing, and the reintegration of individuals into society. The integration of therapeutic architecture with a focus on the well-being and rehabilitation of its occupants aims to contribute positively to the larger societal challenges associated with substance abuse disorders.

ACKNOWLEDGEMENT

I'd like to express my heartfelt appreciation to everyone who helped me finish my architecture thesis.

First and foremost, I would like to express my heartfelt gratitude to my thesis guide, Ar. Aksa V Kondoor for her invaluable guidance, constant encouragement, and insightful feedback throughout the entire research process. The advice and encouragement were crucial in shaping the course of this thesis. I am also grateful to the faculty members Acharya's NRV School of Architecture for their valuable input and assistance in improving the quality of this work. Special thanks to my family and friends for their unwavering support, understanding, and encouragement during the demanding phases of this thesis. Their encouragement and belief in my endeavors have been a constant source of motivation.

Lastly, my deepest appreciation goes to the individuals who face the challenges of addiction and rehabilitation daily, serving as the inspiration behind this project. Their resilience and determination emphasize the critical need for supportive environments designed to facilitate healing and recovery.

This work stands as a testament to the collaborative efforts and support of all those mentioned above.

INDEX

1. INTRODUCTION	1
2. LITERATURE STUDY - 1	17
3. LITERATURE STUDY - 2	22
4. LIVE CASE STUDY – 1	27
5. LIVE CASE STUDY – 2	34
6. LIVE CASE STUDY -3	40
7. COMPARATIVE ANALYSIS	43
8. SPECIAL STUDY	44
9. AREA STATEMENT	48
10. REFERENCE	49
11. PLAGIARISM REPORT	50

Figure 1 methodology	2
Figure 2 introduction.....	3
Figure 3 site justification	6
Figure 4 graph 1 : alcohol abuse	6
Figure 5 graph 2 : cannabis abuse.....	6
Figure 6 graph 3 : causes of drug abuse.....	7
Figure 7graph 4 : access to drugs.....	8
Figure 8 rehabilitation.....	13
Figure 9 process in rehab centre	14
Figure 10 groot klimmendaal.....	17
Figure 11 interior 2	18
Figure 12interior 1	18
Figure 13 colour palette	18
Figure 14 vertical layering of the program	18
Figure 15 double volume space	19
Figure 16 view 2	19
Figure 17 view 1	19
Figure 18 zoning	20
Figure 19 alpha healing centre.....	22
Figure 20 concept.....	23
Figure 21material palette	23
Figure 22 master plan.....	24
Figure 23 roof plan.....	24
Figure 24 individual villas	24
Figure 25 entrance.....	24
Figure 26 admin block plan	24
Figure 27 zoning.....	25
Figure 28 views of the centre.....	25
Figure 29 muktangan rehabilitation centre	27
Figure 30 spaces in the centre.....	29
Figure 31 view from the oat.....	30
Figure 32 view from entrance to the oat	30
Figure 33 entrance lobby	30
Figure 34 open to sky amphitheatre.....	30
Figure 35 plans.....	31
Figure 36 material palette	32
Figure 37centre for harmonious living.....	34
Figure 38 concept.....	35
Figure 39 spaces around the centre	36
Figure 40 material palette	37
Figure 41 zoning	38
Figure 42 different spaces.....	38
Figure 43 circulation	38
Figure 44 spaces in the centre.....	38
Figure 45mukthi de-addiction and family counselling centre.....	40
Figure 46 spaces in the centre.....	41
Figure 47 view	41
Figure 48 biophilia.....	44
Figure 49 benefits of biophilia.....	45
Figure 50 conceptual diagram of biophilia	46
Figure 51natural attributes of biophilic design	47