

ACHARYA'S NRV SCHOOL OF ARCHITECTURE

SOLADEVANAHALLI, BENGALURU -560107

ECO-HOUSING COMPLEX, NANDI HILLS ARCHITECTURE DESIGN PROJECT (THESIS) – 2021-22

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

Submitted by : HARSHA N USN : 1AA17AT023

Guide : Ar. MADHURIMA DESHMUKH

A project report submitted to

VISVESHWARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama", Machhe, Belgaum – 590018

ವಿಶ್ವಶರ್ಧಯ್ಯತಾಂತಿಕ ವಿಶ್ವವಿದ್ಯಾಯ, ಬೆಳಗಾವಿ - ೫೯೦೦೧೮



CERTIFICATE

This is to certify that this thesis report titled Eco-Housing complex, Nandi Hills
by Harsha N of IX SEMESTER B. Arch, USN No. 1AA17AT023, 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 2021- 22.
Guide
Ar. Madhurima Deshmukh
Assistant professor
Principal
Prof. Ar. Sanjyot Shah
Examined by:
1)Internal Examiner :
2)External examiner 1 :

3)External examiner 2 :

DECLARATION

This thesis title "Eco-housing complex, Nandi hills", 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 NRV School of

Architecture and Visveshwaraya Technological University, Belagavi and its

official representatives against any damages that any raise thereof.

HARSHA N

1AA17AT023

ACKNOWLEDGEMENT

I would like to express my gratitude towards my guide Ar. Madhurima

Deshmukh, Acharya's NRV School of Architecture, for her invaluable

support and advice for this thesis work all along the way.

I express my gratitude to the panel jurors of my internal reviews, who

made me realise that I need to increase my speed of work and boosted

me speed up.

The college life has taught me great lessons by making me responsible

and given me best of memories which will be treasured forever. My

friends, who have been my support and stood by my side strong in every

ups and downs.

Lastly none of these would have been possible without my greatest

pilllars of my strength, my parents who have always believed in me and

encouraged me in whatever decisions I have taken.

Thank you,

Harsha N

9th Semester

ANRVSA

Table of Contents

1.	Introduction	02
2.	Literature study	05
2.	1. The sustainable city, Dubai	05
2.	2. Rabi Rashmi Abasan, Kolkata	09
3.	Case study	14
3.	1. Kalpana Housing, Auroville	14
3.	2. Humanscapes habitat, Auroville	19
4.	Site analysis	24
5.	Concept	28
6.	Masterplan	29
7.	Floor plans	30
8.	List of figures	37
9.	Bibliography	39