

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

"PARAM VIDYA SHIKSHA KENDRA, GURUKUL"

ARCHITECTURE DESIGN PROJECT (THESIS) - 2024-25

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

Submitted by : Jaydev Kumar Sharma J

USN : 1AA20AT027

Guide: Prof. Shweta Mattoo

A project report submitted to

VISVESHWARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama", Machhe, Belgaum - 590018



PARAM VIDYA SHIKSHA KENDRA, GURUKUL

Ву

Jaydev Kumar Sharma J USN no. : 1AA20ATO27

By

A thesis submitted in partial fulfillment of the requirements for the degree of

BACHELOR OF ARCHITECTURE (B.ARCH)

Acharya's NRV School of Architecture

2024 - 2025

Thesis Guide: **Ar. Shweta Mattoo**

CERTIFICATE

This is to certify that this thesis report titled "PARAM VIDYA SHIKSHAKENDRA, GURUKUL" by JAYDEV KUMAR SHARMA J of IX SEMESTER B. Arch, USN No.: 1AA20AT027, 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 2024- 25.

Guide: Prof. Shweta Mattoo

Principal

Examined by

:

1)Internal Examiner

2)External examiner 1 :

3)External examiner 2 :

DECLARATION

This thesis title "PARAM VIDYA SHIKSHA KENDRA, GURUKUL",

submittedin 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.

(Signature)

Jaydev Kumar Sharma J

USN No.: 1AA20AT027

ACKNOWLEDGEMENT

I would like to express my heartfelt gratitude to everyone who supported

and guided me throughout the journey of completing this architectural

thesis titled Param Vidya Shiksha Kendra, Gurukul.

First and foremost, I extend my sincere thanks to **Ar. Shweta Matto**, my

thesis guide, for her invaluable advice, encouragement, and constant

support. Her expertise and insights have been instrumental in shaping

this work.

I am profoundly grateful to Ar. Sanjyot Shah Principal of Acharya's

NRV School of Architecture for providing me with the opportunity,

resources, and encouragement to undertake this project.

I am deeply grateful to Acharya's NRV School of Architecture,

particularly the faculty of the **Department of Architecture**, for providing

me with the opportunity and resources to explore and develop my ideas.

I also wish to acknowledge the support of my family and friends, whose

encouragement and understanding motivated me to persevere during

challenging times.

Finally, I would like to thank everyone who contributed directly or

indirectly to the completion of this thesis. Your support means the world

to me.

Name: Jaydev Kumar Sharma J

Date:

ABSTRACT

The architectural thesis titled **Param Vidya Shiksha Kendra**, **Gurukul** focuses on designing an educational campus that integrates the essence of traditional Gurukul systems with contemporary educational requirements. The project aims to create a learning environment that nurtures holistic development, emphasizing spiritual, academic, and physical growth for underpriviledge children and local community children.

The design approach incorporates sustainable building practices, biophilic principles (creating space with healthy nature), and context-sensitive architecture to encourage a connection between students and nature. Extensive research on **key aspects like Gurukul pedagogy**, **spatial organization**, and traditional Indian architecture informed the planning and execution of the project.

The proposed campus features **key highlights such as open learning spaces where students sit under a tree for chanting mantras, vedas, debating, etc., meditation zones, temple and residential facilities**, embodying the values of simplicity, community living, and learning in harmony with nature.

This thesis demonstrates how traditional educational values can be preserved and reimagined to meet the needs of the modern era, creating a model for future educational institutions.

TABLE OF CONTENTS

Secti	on	1:	Background Analy	sis
			,·	

Introduction	9
Key Aspects	9
History	10
Timeline	11
Why Gurukul System decline	12
Revival in the 19 th century	13
Relevance of Gurukul System in present times	14
Section 2 : Synopsis	
Aim	15
Objective	15
Need of project	15
Scope	15
Limitation	16
Justification	16
Why in Bihar	17
Design Methodology	18
Section 3 : Case Studies	
Literature case study 1 – Sahyadri School, Pune	18
Literature case study 2 – BAPS Girls Residential School,	23
Gandinagar	
Live case study – Art of Living – Veda Agama Samskruta	27
Patashala (Gurukul)	

Section 4 : Site analysis

Location	32
Justification	32
Site Brief	33
Connectivity	33
Landmark	33
Site dimension	34
Climate analysis	35
SWOT Analysis	36
Section 5 : Area Programme	
Area requirement	37
Requirement of student in campus	40
Course offered	40
Daily routines	41
Section 6 : Concept	
Introduction	42
Principles	42
Key objective	43
Design stratergies used for campus design	44
Section 7 : Zoning	45
Section 8 : Design Exploration	
Section 9 : Appendix	