



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

CARDIVIDA – CARDIAC HOSPITAL WITH WELLNESS CENTRE
ARCHITECTURE DESIGN PROJECT (THESIS) – 2025-26

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

Submitted by : Syed Kashif Fazal
USN : 1AA21AT045
Guide : Ar. Kusumanjali S

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VISVESHVARAYA TECHNOLOGICAL UNIVERSITY
“Jnana Sangama”, Machhe, Belgaum – 590018

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CERTIFICATE

This is to certify that this thesis report titled **Cardivida – Cardiac Hospital with Wellness Centre** by **Syed Kashif Fazal** of **IX SEMESTER B. Arch**, USN No. **1AA21AT045**, 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 2025- 26.

Guide: Ar. Kusumanjali S

Dr. Sapna Papu

Principal

Examined by :

1)Internal Examiner 1 :

2)External examiner 2 :

3)External examiner 3 :

DECLARATION

This thesis title “Cardivida – Hospital with Wellness 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.

Syed Kashif Fazal

1AA21AT045

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ABSTRACT

Cardivida - Cardiac Hospital and Wellness Centre is envisioned as a healing environment where advanced cardiac care is integrated with nature-driven design to promote holistic well-being. The project explores how biophilic architecture can significantly reduce patient stress, accelerate recovery, and improve overall user experience within a high-intensity healthcare setting. By incorporating natural light, ventilation, therapeutic landscape zones, green courtyards, water features, and material palettes inspired by nature, the design aims to create a calm, restorative atmosphere for patients, caregivers, and staff. Environmental sensitivity is embedded throughout the project, employing passive design strategies, rainwater harvesting, renewable energy systems, and sustainable material selection to reduce the building's ecological footprint. The spatial planning blends clinical efficiency with wellness philosophy—integrating cardiac treatment facilities, rehabilitation suites, meditation gardens, physiotherapy zones, and nature-immersed recovery pathways.

The thesis demonstrates how a cardiac hospital can transcend its clinical identity to become a wellness haven by fostering human–nature connection. Cardivida thus serves as a prototype for future healthcare infrastructures that prioritize sustainability, emotional well-being, and environmental harmony alongside medical excellence.

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