



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

**CRICKET STADIUM AND FACILITIES  
“NAMMA BENGALURU CRICKET ARENA”  
ARCHITECTURE DESIGN PROJECT (THESIS) 2022-23**

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

Submitted by : G.MADHU  
USN : 1AA17AT020  
Guide : Ar. ABHILASHA

A project report submitted to

**VISVESHVARAYA TECHNOLOGICAL UNIVERSITY**  
“Jnana Sangama”, Machhe, Belgaum – 590018  
ವಿಶ್ವೇಶ್ವರಯ್ಯತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ - ೫೯೦೦೧೮



# CERTIFICATE

This is to certify that this thesis report titled **Cricket Stadium And Facilities** by **G Madhu of IX SEMESTER, B.Arch, USN No 1AA17AT020** 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. ABHILASHA**

**Principal**

**Prof. Ar. SANJYOT SHAH**

**Examined by :**

1)Internal Examiner :

2)External examiner 1 :

3)External examiner 2 :

# DECLARATION

This thesis title “**Cricket Stadium And Facilities**”, submitted in partial fulfillment of the requirement for the award of the undergraduate 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.

**G MADHU**

**1AA17AT020**

## ACKNOWLEDGEMENT

I would like to express gratitude for the guidance, ended encouragement, criticism, advice & continued interest shown throughout this project by my Thesis Guide Ar. Abhilasha and Principal Prof. Ar. Sanjyot Shah , without whose help this project would not have been successful.

Thank you to all my friends & peers for their support, inputs & encouragement throughout the process. And finally, I would like to thank my parents for believing in me & supporting me at my best & worst

## ABSTRACT

The Architectural Design Project explores the multifaceted design considerations and sustainable strategies employed in the creation of a state-of-the-art cricket stadium and facilities complex. The project aims to transcend conventional stadium design by integrating innovative architectural solutions, community-centric features, and environmentally conscious practices. The focus is not only on providing a world-class venue for cricket enthusiasts but also on fostering community engagement and ecological balance.

The design concept emphasizes three main pillars:

- 1. Innovative Architectural Features:** The stadium incorporates cutting-edge architectural elements that enhance the spectator experience and contribute to the overall aesthetic appeal. This includes dynamic seating arrangements, advanced acoustics, and adaptable spaces that can accommodate a variety of events beyond cricket matches.
- 2. Community Engagement and Inclusivity:** The complex is conceived as more than just a venue for sports events. It is envisioned as a community hub, featuring recreational spaces, educational facilities, and areas for cultural activities. Special attention is given to accessibility, ensuring that the facility serves as a catalyst for community development.
- 3. Environmental Sustainability:** The project places a strong emphasis on environmental responsibility, incorporating sustainable design principles to minimize its ecological footprint. This involves the use of renewable energy sources, water conservation measures, and green building materials. The landscape design integrates native vegetation, creating a harmonious relationship between the built environment and the natural surroundings. The complex is designed to be resilient to climate change, with features such as rainwater harvesting and energy-efficient technologies.

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