



ACHARYA'S NRV SCHOOL OF ARCHITECTURE
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TRIYOGA VIDYALAYA: A RURAL RESIDENTIAL SCHOOL
(School which integrates academics, sports and E-sports)
ARCHITECTURE DESIGN PROJECT (THESIS) – 2023-24

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

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CERTIFICATE

This is to certify that this thesis report titled **TRİYOGA VIDYALAYA: A RURAL RESIDENTIAL SCHOOL** by **SHASHANK AMEEN M R** of **IX SEMESTER B. Arch**, USN No. 1AA19AT054, 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.

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This thesis title “TRIYOGA VIDYALAYA: A RURAL RESIDENTIAL SCHOOL”, 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.

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ABSTRACT

This architectural thesis explores the innovative design and planning considerations for a rural residential school that seamlessly integrates academics, sports, and e-sports to foster a holistic learning environment. The project aims to bridge the gap between traditional educational models and contemporary demands, focusing on the unique needs of rural communities.

The design emphasizes sustainability, community engagement, and adaptability, envisioning the school as a dynamic hub for intellectual, physical, and technological development. The integration of academic spaces, sports facilities, and cutting-edge e-sports infrastructure creates a synergistic environment that caters to the diverse interests and talents of the student body.

The building design complements the natural setting, cultivating a link between learners and the surrounding environment. The residential aspect is carefully considered to provide a nurturing atmosphere, promoting a sense of belonging and community. Shared spaces, green courtyards, and communal areas are strategically incorporated to encourage interaction, collaboration, and a sense of unity.

The academic spaces are designed to be flexible, accommodating a range of teaching methodologies and technological advancements. The Smart classrooms

with the interactive learning tools and virtual reality enhance the educational experience, and also preparing students for digital landscape of the future. The sports facilities cater to various physical activities, promoting healthy living and teamwork.

The inclusion of e-sports facilities recognizes the evolving landscape of skill development and the increasing importance of digital literacy. The design incorporates state-of-the-art gaming arenas, offering a space for competitive gaming, collaboration, and skill enhancement. The integration of e-sports into the curriculum make sure that students are not only academically adept but also well-versed in growing technologies.

This thesis envisions a rural residential school as a positive change within the community, serving as a model for educational institutions seeking to blend tradition with innovation. The proposed design aims to instill pride and identity in students. It empowers them to become well-rounded individuals able to handle the challenges of the modern world. Through careful consideration of architectural elements, technological integration, and community engagement, this project seeks to redefine the concept of a rural residential school, inspiring a new era of education that values the holistic development of its students.

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