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ROBOTICS MUSEUM IN CHENNAI
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 **ROBOTIC MUSEUM IN CHENNAI** by **REGISTAN.A** of **IX SEMESTER B. Arch**, USN No. **1AA19AT048**, 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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DECLARATION

This thesis title “ROBOTIC MUSEUM IN CHENNAI”, 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’s NRV School of Architecture and Visveshwaraya Technological University, Belagavi, and its official representatives against any damages that any raise thereof.

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ABSTRACT

This abstract encapsulates the essence and vision of a pioneering project: the creation of a robotic museum. Combining the wonders of cutting-edge robotics with the intrigue of historical and contemporary artifacts, this museum stands at the convergence of technology and culture.

The core concept of the robotic museum revolves around an immersive and interactive experience. Utilizing state-of-the-art robotic technologies, visitors are welcomed into a dynamic space where history, science, and innovation intertwine. Robotic guides, carefully designed and programmed, navigate visitors through exhibitions, offering insightful narratives and engaging presentations.

The museum is a testament to human ingenuity, showcasing a diverse array of robots - from historical automatons to AI-powered companions - each with its unique story and significance in the evolution of robotics. These exhibits not only elucidate technological progress but also delve into the societal impact and ethical considerations surrounding robotics in contemporary times.

Moreover, the museum serves as a hub for educational outreach, offering workshops, demonstrations, and collaborative programs that inspire curiosity and foster a deeper understanding of robotics, technology, and their interconnectedness with our daily lives.

By integrating robotics and culture, this museum seeks to inspire, educate, and spark dialogue about the past, present, and future of robotics while inviting visitors to embark on an experiential journey that transcends traditional museum encounters."

KEY WORDS

1. Robotics
2. Automation
3. Interactive exhibits
4. AI-guided tours
5. Robotic art installations
6. Virtual reality displays
7. Tech-driven experiences
8. Educational programming
9. Innovation showcase
10. Humanoid robots
11. Robotic history
12. Sensor-based exhibits
13. Futuristic displays
14. Machine learning showcases
15. Hands-on robotics demonstrations

ANNEXURE

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