

“Art Library Reimagined: A Sustainable Interior Hub”

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ABSTRACT

This paper explores designing an art library as a sustainable interior hub—a welcoming space where art, culture, and creativity thrive while caring for the environment. It highlights the use of eco-friendly materials, biophilic design elements, and flexible community spaces to create an inspiring, healthy, and interactive atmosphere. This project addresses the need for environmentally responsible cultural spaces that connect people, preserve art knowledge, and foster collaboration.

KEYPOINTS -Sustainability, Biophilia, Flexibility, Community, Eco-materials.

INTRODUCTION

An art library is a place full of artistic knowledge and culture, inviting artists, students, and visitors to explore visual arts through books and media. Traditionally quiet and focused, such libraries connect the past with the present, sparking new creativity. A sustainable interior hub extends this concept by creating an eco- conscious space that encourages community, creativity, and respect for nature. It uses green materials and smart designs to reduce waste, promote well-being, and make the space lively and inviting.

LITRETURE REVIEW

Art libraries began in the late 1800s as centers for art knowledge and learning. Recently, there has been growing interest in sustainable interior design, using natural and recycled materials to build healthy environments. Studies show that eco-friendly design improves indoor air quality, reduces carbon footprints, and enhances user comfort. Green libraries incorporate features like natural light, biophilic elements, and energy-efficient systems to serve both people and the planet. These spaces become hubs for environmentally aware education and social interaction.

RESEARCH GAP

While art libraries and sustainable design are individually well-studied, their integration remains underexplored. Existing libraries rarely focus on blending cultural preservation with sustainability and interactive community engagement. This gap shows the need for designing art libraries that not only safeguard artistic heritage but also actively promote environmental responsibility and social connection.

AIM AND OBJECTIVES

Aim: To design an art library interior hub that balances art knowledge preservation with sustainability and vibrant community interaction.

Objectives:

- Use natural, renewable materials like bamboo, travertine stone, and sustainable fabrics.
- Integrate biophilic design features such as natural light and indoor plants to promote well-being.
- Create flexible spaces for workshops, exhibitions, and collaborative work.
- Build a material sample zone showcasing upcycled and eco-friendly materials.
- Educate visitors through zero-waste art and interior workshops using recycled materials.

SCOPE AND LIMITATION

Scope includes designing reading areas, studios, exhibition zones, digital interaction spaces, and common gathering spots focusing on sustainability and art. Limitations include challenges in sourcing affordable sustainable materials, balancing safety and accessibility with green goals, budget constraints that may limit innovations, and the need to raise community awareness for sustainable practices.

METHODOLOGY

We investigated studies about green art libraries, natural materials like bamboo and stone, and nature-inspired designs. This helped us figure out how to mix art history with eco-friendly spaces.

Checking the Site and Talking to People

We surveyed, interviewed, and watched artists, students, librarians, and visitors. This showed us what they need for reading, workshops, shows, and hanging out in healthy, green spaces.

Finding the Best Materials

We tested renewable options like bamboo panels, travertine stone, recycled fabrics, and natural coatings. We checked price, strength, supply, and planet-friendliness to pick what looks good, feels nice, and lasts.

EXPECTED OUTCOMES

The project aims to create a beautiful, healthy, and eco-friendly art library that inspires creativity and learning. Visitors will enjoy flexible, interactive spaces promoting art appreciation and environmental awareness. The interior will showcase how sustainability can harmonize with cultural heritage, supporting the well-being of both people and the planet.

CONCLUSION

Combining sustainability with cultural space design offers a future-ready approach for art libraries. Thoughtful use of eco-materials, biophilic elements, and community-focused layouts can create hubs where art, nature, and people meet. This project highlights that protecting our cultural and natural heritage together leads to vibrant, inspiring, and responsible interiors for generations to come.

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