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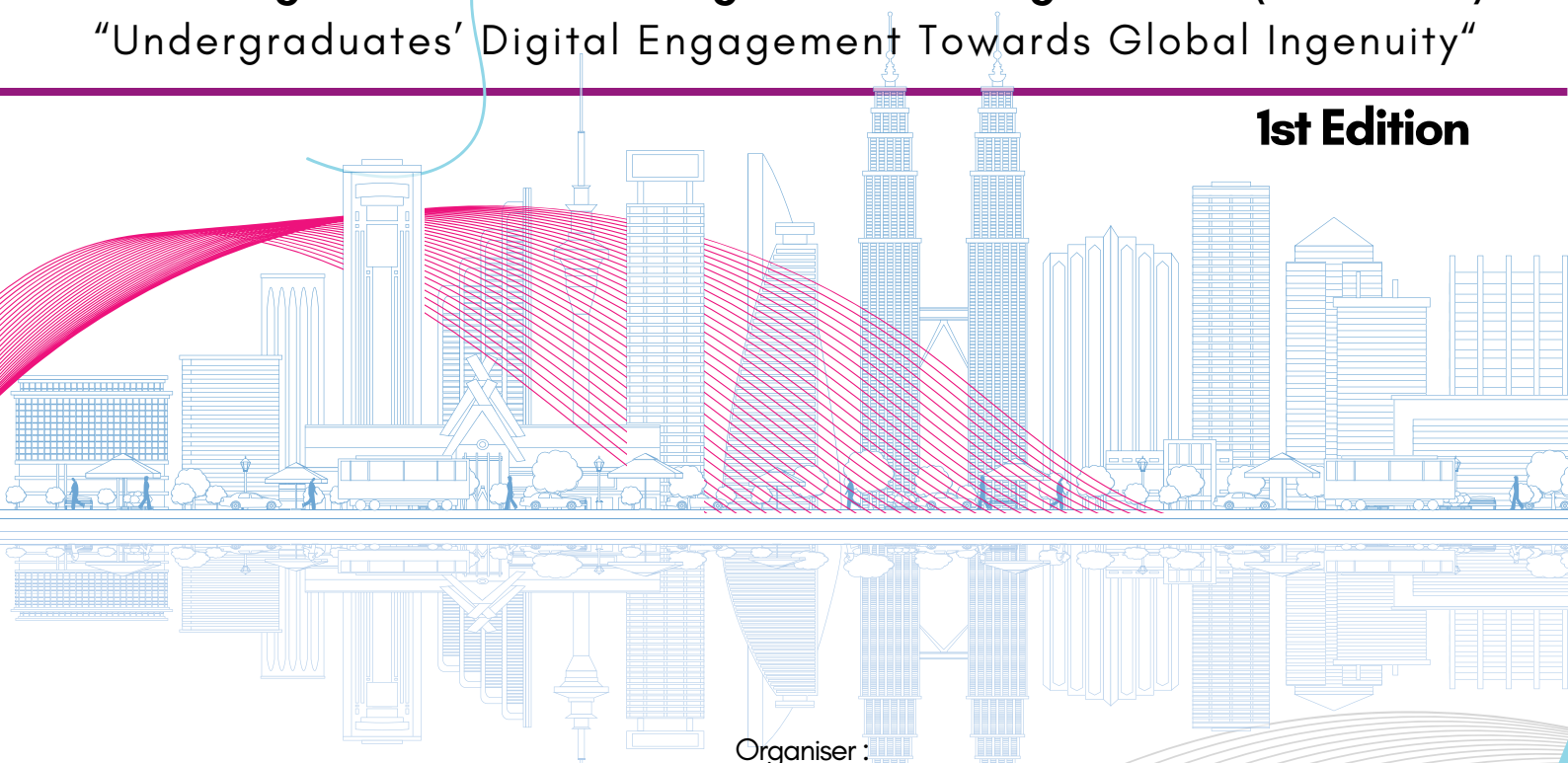
"Undergraduates' Digital Engagement Towards Global Ingenuity"

1st Edition



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Timber Fusion Design Challenge – Uniting Design and Sustainability

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ABSTRACT
Introducing the public space timber fusion. The innovative idea redefines how we view and engage with our urban landscape by fusing the ageless beauty of timber with cutting-edge technology. In a time when aesthetics are valued highly, the Public Space Timber Fusion is a shining example of creativity and originality. Its distinctive fusion of contemporary design ideas with organic materials not only improves public places aesthetics appeal but also fosters a sense of balance and unity to the natural world. With the Public Space Timber Fusion, every park, every plaza and communal area becomes a canvas for architectural excellence. Its versatility allows for the creation of dynamic and inviting spaces that cater to the diverse needs of communities, whether it's a bustling city square or a tranquil neighbourhood. As we strive to build a more inclusive and environmentally conscious university, the Public Space Timber Fusion emerges as a symbol of progress and possibility. It embodies the fusion of tradition and innovation, offering a glimpse into a future where public spaces are not just functional but inspirational works of art.

KEYWORDS: Organic, wood, shape, comfort

DESIGN DESCRIPTION
An elegant and sturdy outdoor structure featuring a distinctive hexagonal shape, meticulously crafted from high-quality timber. Its design is a visually pleasing and useful complement to any outdoor space by skillfully fusing traditional craftsmanship with modern aesthetics. Built to withstand the severe nature of climate change, this combination of wood demonstrates resilience to weather. Because of its resilient design, it can be used year-round for a variety of outdoor activities as a dependable shelter. It offers diversity in application in addition to structural stability. Its versatile form allows it to function well in a variety of environments, including a focal point for outdoor activities, a peaceful haven for leisure in the middle of nature, or a charming gazebo for small parties. Open Sky Cove which embodies both modern design concepts and timeless craftsmanship, is essentially an example of form and function. Its presence enhances outdoor areas and invites people to take in the beauty of the natural world while savouring the comfort and adaptability it offers.

NOVELTY AND UNIQUENESS
OpenSky Cove is distinguished by its original and distinctive design, which combines traditional woodworking techniques with cutting edge building methods. Its hexagonal design and the combination of contemporary and rustic features, such the glass roof that allows the flares to be seen through, make it a striking focal point for any outdoor space, especially university. It is unique in that it may provide both strength and visual appeal, which makes it a standout feature for parks, gardens and other outdoor spaces.

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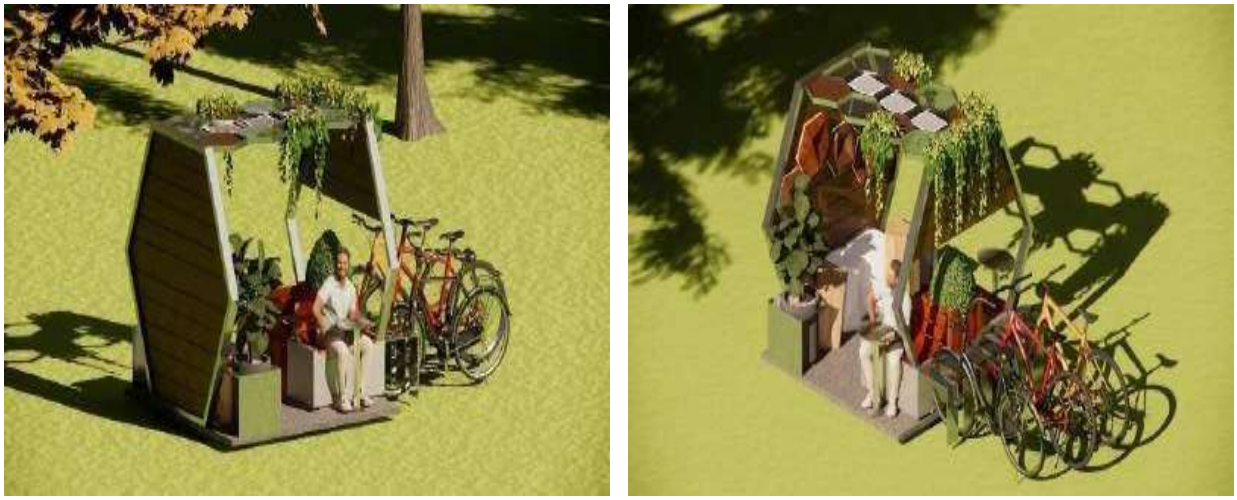

Figure 1: Perspective View

Figure 2: Bicycle Parking

Figure 3: Hexagonal shape lighting

Figure 4: Solar Panel integrated into roof

Figure 5: Hexagonal seating

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BENEFITS TO MANKIND

OpenSky Cove is more than simply an eye-catching addition to urban landscapes, it provides humanity with numerous advantages. Providing access to green spaces improves well- being and encourages sustainability through the use of renewable timber. It promotes ecological health by reducing the urban climate change effect and fostering biodiversity. In addition, it promotes economic growth and social harmony by offering adaptable venues for cultural exchange and community engagement, which makes it a priceless resource for cities.

COMMERCIAL POTENTIAL

This furniture has plenty of commercial potential in many different types of fields. These kinds of structures can be designed by architects and construction companies, and suppliers of timber can meet the need for environmentally friendly building materials. Developers can draw in tenants and buyers by adding timber fusion design into their buildings, which will raise the value of the properties. Additionally, the structure attractiveness can be leveraged by companies in the tourism, hospitality, outdoor recreation, and sustainability sectors, opening up new avenues for development and innovation.

CONCLUSION

Important discoveries highlight Timber Fusion's many advantages, such as its support of community cohesion, sustainability, and well-being. Its creative design creates visually arresting and useful spaces by fusing traditional craftsmanship with contemporary sensibilities. Future directions might entail expanding the integration of technology for improved user experiences, investigating sophisticated timber construction processes, and conducting more studies into sustainability efficiency.

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