

ABSTRACT

The rapid rise of fast furniture has led to negative environmental impacts due to the use of non-eco-friendly materials. In response, this study aims to design a sustainability-oriented armchair by utilizing Misel-Tex, a vegan leather material made from coffee skin waste, produced by Bell Living Lab. The design approach adopts the Mid-Century Modern style, known for its organic aesthetics, simplicity of form, and ecological awareness. This research uses a qualitative descriptive method through literature studies, field observations, interviews with industry practitioners, and analysis of existing products. The design process employs the SCAMPER method as a tool for idea exploration and concept development. Key factors considered in the design include sustainability aspects, material characteristics, and the aesthetic preferences of modern society. The design outcome shows that the combination of Misel-Tex with teak wood as the main structure results in an armchair design that is functional and aesthetically valuable. The biomorphic approach within the Mid-Century Modern style strengthens the emotional connection between the user and nature through naturally flowing organic forms. This product emphasizes sustainability principles through the use of organic waste, local materials, and low-emission production processes. The discussion indicates that this design has the potential to serve as an alternative to the dominance of fast furniture while raising consumer awareness of the importance of using environmentally friendly products. Moreover, this design opens opportunities for local creative industries to explore alternative materials and adopt sustainable design principles in the future development of Indonesian furniture.

Keywords : Fast Furniture, Misel-Tex, Sustainable Furniture, Mid-Century Modern, Biomorphic, SCAMPER