

ABSTRACT

TROPICAL RAINFOREST VISUAL DEVELOPMENT USING BIOMIMICRY METHODS WITH TEXTILE TECHNIQUES AND MATERIALS APPLIED TO FASHION PRODUCTS

By

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Innovation is needed for a product to survive and achieve success. One of the innovations in fashion can be in the form of the improvement of methods in product development process. The development can be taken from various inspirations, one of which is by applying the Biomimicry method which uses nature as inspiration in imitation. Biomimicry itself has been used in the development of crafts in textiles and clothing. In previous research and products, the application of Biomimicry to fashion can be done in various ways such as imitating visuals, structures, textures, colors, and functional properties. This research aims to develop tropical rainforest visuals through structural textile design such as weaving tapestry and wet felting, as well as surface textile design in the form of faux chenille, embroidery, and punch needle, which then can be applied to fashion products in the form of art-wear. This research uses a qualitative method that includes literature study, observation, interviews, and exploration. The result of this research is a design concept and fashion product with decorative elements from the combination of several textile techniques and materials.

Keywords: Biomimicry, Tropical Rainforest, Textile, and Fashion Design.