

ABSTRACT

Pineapple leaf fiber is one of the agricultural waste materials that has not been fully utilized, despite its potential as an environmentally friendly alternative material. This study aims to examine the use of pineapple leaf fiber in the design of curtain products as interior decorative elements that possess both aesthetic and functional value. A case study was conducted at a pineapple leaf fiber processing site in Cicariu, using mixed methods with a sequential exploratory approach. Data were collected through observation, interviews, and literature review related to natural materials and interior design trends. The findings show that pineapple leaf fiber can be processed into a textile material that is strong and visually appealing, especially when combined with other natural materials. The design process includes material exploration, sketching design concepts, prototyping the curtain, and testing the product's durability and suitability for office space use. The resulting curtain product not only contributes to reducing agricultural waste but also adds value in the development of sustainable interior design. This research is expected to contribute to the creation of alternative materials environmentally friendly.

Keywords: *Pineapple leaf fiber, curtain, waste utilization, sustainability, Subang*