

ABSTRACT

DEVELOPMENT OF INDIGOFERA NATURAL DYES USING MARBLING TECHNIQUE IN TEXTILE PRODUCTS

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In recent decades, fashion trends in Indonesia have experienced significant growth, driven by increasing awareness of the negative impacts of synthetic dyes. Natural dyes, such as Indigofera, have become an appealing alternative due to their strong pigmentation and ability to reduce reliance on synthetic dyes. Indigofera is commonly applied using dip-dye techniques; however, the exploration of new techniques like marbling opens up opportunities for innovation in the fashion industry. Marbling, which initially gained popularity in Europe as early as the 17th century, is now becoming more favored in Indonesia. Generally, marbling techniques applied to fabrics use synthetic dyes. Therefore, marbling with natural Indigofera dye can serve as an innovative approach to revitalizing pattern processing in textile products, offering several advantages, including a shorter dyeing process. This study explores the potential combination of marbling techniques and natural Indigofera dye to create innovative textile products in the fashion industry while achieving rich and diverse colors.

Keywords: Indigofera, Marbling Technique and Textile.