

ABSTRACT

Currently one of the technologies that is being developed is 3D Printer technology with machines for making products that can be done easily, quickly and in detail. This 3D printer can print, modeling, prototyping / modeling, teaching aids for education, jewelry models, health support equipment, product design, children's toys and various needs to print shapes in 3 dimensions so that this technology is one of the current trends in information and communication technology. Along with its development, 3d printing has become an alternative material used in fashion products but is not an alternative as an embellishment on clothing. The variety of colors and thicknesses of 3d printing is an interesting thing for this research in applying 3d printing techniques. This study uses qualitative methods with literature study collection techniques. Therefore, in this study 3d printing will be processed into a fashion product. From the research that has been done, it can be concluded that the 3d printing used is 3d printing with PLA (Polylactic acid) filament printed on a porous fabric such as tulle. The design theme in this research is "Trageo" with geometric design lines. The final result of this research is women's clothing products.

Keywords: 3d printing, fashion, exploration, PLA filament.