

ABSTRACT

APPLICATION OF LASER CUT AND LASER ENGRAVING TECHNIQUE IN BRASS MATERIAL AS EMBELLISHMENT WITH MOON ORCHID FLOWER INSPIRATION

By

MELINDA LIDIA SARI

NIM: 1605170049

(Textile, Craft And Fesyen Study Program)

Laser cut techniques is a cutting technique using laser technology with a certain wave length that can cut all materials both wove and non-woven with precision, while laser engraving is a technique of scraping a surface with a predetermined design using laser technology. Brass categorized as non-woven material that can be cut with laser cut technique and can be processed with laser engraving techniques because its hard yet easy to form characteristics. This processing techniques can form a design according to one of the preferred moon orchid flower design which is one of the endemic flower of Indonesia as Puspa Pesona from its picturesque shapes. This research aims to dig further brass potential using laser cut and laser engraving based on moon orchid inspired design as alternative embellishment material with beading techniques that can be applied on bag fashion product. The methodology used in this study uses qualitative methods covering literature studies, observations, and brass processing exploration as modular embellishment.

Keywords : Moon Orchid, Hard Accessories, Brass, Laser Cut, Laser Engraved.