

**STRENGTH PROPERTIES OF FINGER JOINT, BUTT JOINT AND LAP  
JOINT FROM RESAK (*VATICA CUSPIDATA*).**

By

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Joinery system become as an alternative for manufacturing industry especially in furniture making instead of lacking of long length timber and big diameter lumber. The purpose of this study is to determine the strength properties of finger joint, butt joint and lap joint. All these joints are using the Resak (*Vatica cuspidata*) as a raw material. Since lacking of application of Resak in joinery making and study purposes; this study will evaluating the suitability of Resak to be used for joinery making. The strength properties that had been determine is including Modulus of Elasticity (MOE) and Modulus of Rupture (MOR). This study also searching the most convenient joints using Resak species either finger, butt or lap joint.