

**PROPERTIES OF PARTICLEBOARD FROM JUVENILE *ACACIA*  
*MANGIUM* AT 800KG/M<sup>3</sup> WITH 7%, 9% AND 11% RESINS.**

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**Final Project Submitted in Partial Fulfillment for the Diploma in Wood  
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NOVEMBER 2005**

## ACKNOWLEDGEMENT

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

I would like to take this opportunity to express my special thank to Allah S.W.T. for his Blessing and Strength rendered to me to complete my final project “Properties of Particleboard from *Juvenile Acacia mangium*”, and thanks to my entire friend for their support.

I would also like to offer my special thanks to my supervisors, Assoc. Prof. Abdul Jalil, for helping and teaching me along the final project process. Who are so generous in lending me helping hands and showing me how to the task. Not to forget En Sardey and En Fauzi that also helping me to complete my final project.

I also would like to extend my appreciation to those who are involved either directly or indirectly in completing this project. I believed, without their helps, I would not be able to complete this project. Thanks for everything.

I would like to express my appreciation to all lecturer and staff, who are in the Wood Technology family, who always give as and help during my three year studies in UiTM.

Lastly, I wish to convey my special gratitude to my beloved parents, family and my lover for their support through out my study period. And also a lot of thanks to all my friends who have always helped me in every way to make this project successful.

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## **ABSTRACT**

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Particleboard is one of the many types of product based on wood. The research that has been done is to produce particleboard from Juvenile *Acacia mangium* wood dusts which were mixed with three level of resin urea-formaldehyde and these were 7%, 9% and 11%.

This mixture should be cured by heat and pressure. The properties of this particleboard will be determined by the several types of test including bending test, thickness swelling, and water absorption.