



UNIVERSITI PUTRA MALAYSIA

**DEVELOPMENT OF KENAF-REINFORCED PLASTER COMPOSITE FOR
THREE-DIMENSIONAL PRINTING SYSTEM IN RAPID PROTOTYPING
TECHNOLOGY**

MOHD FADHIL AHMAD

IPTPH 2013 7



**DEVELOPMENT OF KENAF - REINFORCED PLASTER COMPOSITE FOR
THREE - DIMENSIONAL PRINTING SYSTEM IN RAPID PROTOTYPING
TECHNOLOGY**

By

MOHD FADHIL BIN AHMAD

**Thesis Submitted to the School of Graduates Studies, Universiti Putra
Malaysia, in Fulfilment of the Requirements for the Degree of Master of
Science**

June 2013

All material contained within the thesis, including without limitation text, logos, icons, photographs and all other artwork, is copyright material of Universiti Putra Malaysia unless otherwise stated. Use may be made of any material contained within the thesis for non-commercial purposes from the copyright holder. Commercial use of material may only be made with the express, prior, written permission of Universiti Putra Malaysia.

Copyright © Universiti Putra Malaysia





**UNIVERSITI PUTRA MALAYSIA
STATUS CONFIRMATION FOR THESIS / PROJECT REPORT
AND COPYRIGHT**

ACADEMIC SESSION: 2008/2009

TITLE OF THESIS / PROJECT REPORT:

**DEVELOPMENT OF KENAF - REINFORCED PLASTER COMPOSITE FOR
THREE - DIMENSIONAL PRINTING SYSTEM IN RAPID PROTOTYPING
TECHNOLOGY**

NAME OF STUDENT: MOHD FADHIL BIN AHMAD

I acknowledge that the copyright and other intellectual property in the thesis/project report belonged to Universiti Putra Malaysia and I agree to allow this thesis/project report to be placed at the library under the following terms:

1. This thesis/project report is the property of Universiti Putra Malaysia.
2. The library of Universiti Putra Malaysia has the right to make copies for educational purposes only.
3. The library of Universiti Putra Malaysia is allowed to make copies of this thesis for academic exchange.

I declare that this thesis is classified as:

*Please tick (✓)

CONFIDENTIAL (Contain confidential information under Official Secret Act 1972).

RESTRICTED (Contains restricted information as specified by the organization/institution where research was done).

OPEN ACCESS I agree that my thesis/project report to be published as hard copy or online open access.

This thesis is submitted for:



PATENT

Embargo from _____ until _____
(Date) (Date)

Approved by:

(Signature of Student)

(Signature of Chairman of
Supervisory Committee)

New IC No/ Passport No.:

Name: Rahinah Ibrahim, PhD

Date: 1st September 2016

Date: 1st September 2016

[Note: If the thesis is CONFIDENTIAL or RESTRICTED, please attach with the letter from the organization/institution with period and reasons for confidentiality or restricted.]