

UNIVERSITI PUTRA MALAYSIA

PREPARATION AND ANTIBACTERIAL ACTIVITY OF ZINC OXIDE AND TITANIUM DIOXIDE-POLY (E-CAPROLACTONE) MICROCOMPOSITES

MOJGAN SHOJA

FS 2014 67



PREPARATION AND ANTIBACTERIAL ACTIVITY OF ZINC OXIDE AND TITANIUM DIOXIDE-POLY (E-CAPROLACTONE) MICROCOMPOSITES

By MOJGAN SHOJA

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

TITLE OF THESIS / PROJECT REPORT : Preparation and antibacterial activity of zinc oxide and titanium dioxide-poly (ε-caprolactone) microcomposites	
NAME OF STUDENT : Mojgan	Shoja
	nt and other intellectual property in the thesis/project report vsia and I agree to allow this thesis/project report to be placed at as:
1. This thesis/project report is the	<mark>oroperty of U</mark> niversiti Putra M <mark>a</mark> laysia.
2. The library of Universiti Putra M only.	ala <mark>ysia has the right to make c</mark> opies for educational purposes
3. The library of Universiti Putra M exchange.	alaysia is allowed to make copies of this thesis for academic
I declare that this thesis is classified	ed 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) New IC No/ Passport No.:	(Signature of Chairman of Supervisory Committee) Name:
Date :	Date :

at

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