

**SYNTHESIS, CHARACTERIZATION AND CO₂ ADSORPTION OF CaCO₃,
Ca(OH)₂ AND INERT MATERIALS INCORPORATED Ca(OH)₂**

by

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**Thesis submitted in fulfillment of the requirements
for the degree of
Doctor of Philosophy**

February 2016

ACKNOWLEDGEMENTS

First of all, I would like to express my deepest gratefulness to School of Materials and Mineral Resources Engineering (SMMRE), Universiti Sains Malaysia for giving me the opportunity to do Ph.D work in this excellent school. I also would like to thank Professor Dr. Zuhailawati Binti Hussain, Dean of School of Materials and Mineral Resources Engineering (SMMRE) for her support.

I am greatly thankful to Japan International Cooperation Agency (JICA), ASEAN University Network/Southeast Asia Engineering Education Development Network (AUN/SEED-Net) for scholarship and financial support as well as the chance to undertake this research.

I am eternally grateful to my main supervisor Professor. Ir. Dr. Srimala Sreekantan for her guidance, inspiration, devotion, patience and perpetual encouragement as well as the knowledge to enable me to successfully complete this research work at Universiti Sains Malaysia.

I also would like to convey my sincere thanks to my co-advisors Professor Dr. Hirofumi Hinode from Tokyo Institute of Technology, Japan, Professor Dr. Radzali Othman from Universiti Teknikal Malaysia Melaka, Malaysia and Assoc. Prof. Dr Aye Aye Thant, University of Yangon, Myanmar for their guidance, invaluable suggestions and encouragement.

I would like to thank Professor Dr. Ahmad Fauzi Mohd Noor, Chairman of AUN/SEED-Net Committee (USM), all academic, administrative and technical staffs from SMMRE for their various contributions and assistance to finish my research work.

I also wish to express my sincere gratitude to Assoc. Prof. Dr. Winarto Kurniawan from Tokyo Institute of Technology, Japan and Dr. Chris Salim from Surya University in Tangerang, Indonesia for their valuable help and support during my study in Japan. Special acknowledgement is also extended to Professor Abdul Rahman Mohamed from Universiti Sains Malaysia, Malaysia for giving me an opportunity to do research work under the Low Carbon Economy (LCE) Research Group and his support. In addition, I would like to thank Dr. Vignesh Kumaravel from Universiti Sains Malaysia, who provides me guidance to write my dissertation.

I am thankful to Physics Department, Dagon University, University of Yangon and Ministry of Education, Myanmar for granting permission to carry out my higher research work at Universiti Sains Malaysia.

I would like to take this opportunity to thank all professors and lecturers from Taunggyi University, Dagon University and University of Yangon as well as all relatives and friends for supporting and encouraging me to successfully accomplish my PhD.

Last but most importantly, I would like to express special gratitude to my beloved parents; U Tun Hlaing and Daw Khin Ye who have given me strength, patient, support and courage. It is impossible for me to finish this work without their encouragement and understanding. This thesis is dedicated to them. I am also grateful to my younger brother, Pyai Phyo Hlaing and his family for their never ending love and support.

Thank you.

Nwe Ni @ Nwe Ni Hlaing

February, 2016

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LIST OF ABBREVIATIONS

BET	Brunauer-Emmett-Teller
BJH	Barrett-Joyner-Halenda
CTAB	Cetyltrimethylammonium Bromide
DEA	Diethanolamine
DSC	Differential Scanning Calorimetry
DTA	Differential Thermal Analysis
FESEM	Field Emission Scanning Electron Microscopy
FSP	Flame Spray Pyrolysis
FITR	Fourier Transform Infrared Spectroscopy
FWHM	Full Width at Half Maximum
HRTEM	High Resolution Transmission Electron Microscopy
MEA	Monoethanolamine
PA	Pyroligneous Acid
PAM	Polyacrylamide
PCC	Precipitated Calcium Carbonate
PPA	Propionic Acid
PSA	Pressure Swing Adsorption
SEM	Scanning Electron Microscopy
T	Temperature