

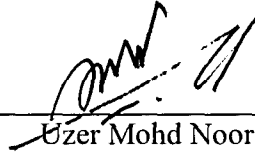
**DEPOSITION NANOSTRUCTURED ZINC OXIDE (ZnO)
THIN FILMS FOR HUMIDITY SENSOR**

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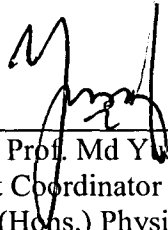
**FINAL YEAR PROJECT REPORT SUBMISSION IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE
DEGREE OF BACHELOR OF SCIENCE (HONS.) PHYSICS
IN THE FACULTY OF APPLIED SCIENCES
UNIVERSITI TEKNOLOGI MARA**

APRIL 2011

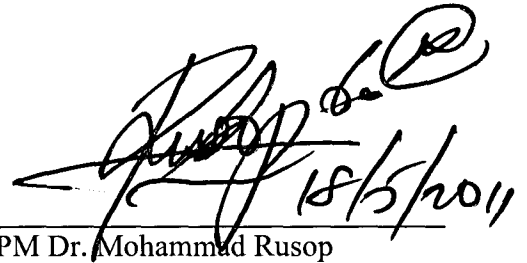
This Final Year Project Report entitled “**DEPOSITION ZINC OXIDE(ZnO) THIN FILMS FOR HUMIDITY SENSOR**” was submitted by Mohd Zul Azzani Bin Mohd Yasin in partial fulfillment of the requirements for the Degree of Bachelor of Science (Hons.) Physics, in the faculty of Applied Sciences, and was approved by



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Date: 18 May 2011

ACKNOWLEDGEMENTS

I would like to thanks to my supervisor and my co-supervisor, Encik Uzer bin Mohd Noor and Assoc. Prof Dr. Mohamad Rusop Bin Mahmood for his guidance, advices and encouragement to me in accomplishing this project. I also would like to say thanks to seniors and technicians, miss Nurdiyana binti mat zin (kak Dee), En.Suhaimi, my friend and finally I would love to say thanks to my family especially to Mohd Yasin bin Ismail and Siti esah binti abdul Rauf for giving me encouragement to complete this project.

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ABSTRACT

This research about the deposition of nanostructured of thin films ZnO for humidity sensor. The electrical properties is depends on the Current-Voltage (I-V) measurement while the surface morphology is characterized by using Atomic Force Microscopy (AFM). The thin film were deposited on the glass substrate using spin coating technique while the nanostructured ZnO were prepared using Sol-gel method. The solutions for nanostructured ZnO are vary by using different power which is as deposited 50watt, 100watt, 150watt and 200watt.

Keywords: *Sol-Gel Method; humidity sensor; sol gel method; ZnO thin films*

LIST OF CONTENTS

ACKNOWLEDGEMENT.....	i
ABSTRACT.....	ii
LIST OF CONTENTS.....	iii
LIST OF FIGURE AND TABLES.....	vi
LIST OF ABBREVIATIONS.....	vii
CHAPTER ONE:	
INTRODUCTION.....	1
1.1 BACKGROUND OF STUDY.....	1
1.2 PROBLEM STATEMENT.....	3
1.3 OBJECTIVES.....	4
1.4 SCOPE OF STUDY.....	4
CHAPTER TWO:	
LITERATURE REVIEW.....	5
2.1 NANOSTRUCTURED ZINC OXIDE.....	5
2.2 HUMIDITY SENSOR.....	6
2.3 SOL GEL METHOD.....	7
2.4 SPIN COATING.....	8
CHAPTER THREE:	
METHODOLOGY.....	9
3.1 MATERIAL.....	9
3.2 FLOWCHART OF PROJECT...../.....	10
3.3 PREPERATION OF THE GLASS SUBSTRATE...../.....	11
3.4PREPARATION OF SOLUTION.....	13
3.5PREPARATION OF ZINC OXIDE THIN FILMS.....	15
3.6 DEPOSIT METAL CONTACT.....	17