

Acknowledgements

Dedicated with love at the lotus feet of divine.....

I would like to thank Professor Dr Abdul Kariem bin Arof who guide me throughout this pathway. My thanks go to Dr Siti Rohana who helped as my second supervisor. I want to extend my heartfelt thanks to my parents especially to my mother for the continued support and love. At the same time, i would like to take this opportunity to thank my sister and brother and all family members those who always happy with my achievement. I really appreciate the support of my friends. Special thanks to XRD unit, SEM unit in Physics Department and TEM unit in Medical Faculty helped me to analysis my samples.