

CONTENTS

	<u>Page</u>
Acknowledgements	I
Abstract	IV
Chapter 1 Introduction and Review of Literature	1
Chapter 2 Materials and Methods	69
Chapter 3 A preliminary investigation of the possible hypoglycaemic activity of <u>Artocarpus heterophyllus</u> , <u>Asteracanthus longifolia</u> , <u>Bambusa vulgaris</u> , <u>Ficus benghalensis</u> and <u>Osbeckia octandra</u> .	110
Chapter 4 Effect of <u>Artocarpus heterophyllus</u> and <u>Asteracanthus longifolia</u> on the glucose tolerance in normal human volunteers and maturity onset diabetic patients.	139
Chapter 5 Studies on the toxicity of <u>Artocarpus heterophyllus</u> and <u>Asteracanthus longifolia</u>	151
Chapter 6 Extrapancreatic effects of <u>Artocarpus heterophyllus</u> and <u>Asteracanthus longifolia</u> .	189
Chapter 7 Discussion	217
References	225