Contents

Chapter 1 Introduction and Review of Literature 1-44

Chapter 2 Materials and Methods 45-70

Chapter 3 Antioxidant activity of herbal extracts and its relationship with anti-diabetic activity 71-81

Chapter 4 Antioxidant activity of Aegle marmelos and Terminalia belerica (In vivo) 82-88

Chapter 5 Oxidative stress in Type 2 diabetic patients 89-97

Chapter 6 Study of possible mechanism of action of medicinal plants having anti-diabetic property 98-110

Chapter 7 Antidiabetic and antioxidant activity of a herbal formulation 111-123

Chapter 8 Summary and Conclusion 124-129

Bibliography

List of Publications