Contents

List of Tables
List of Figures
Abbreviations

Chapter 1 1-32
Review of Literature

Chapter 2 33-53
Materials and Methods

Chapter 3 54-67
*In vitro* antioxidant activity of *P.rimosus*

Chapter 4 68-77
Radioprotective effects of *P.rimosus*
A] *In vitro* radioprotective effects

Chapter 4 78-87
Radioprotective effects of *P.rimosus*
B] *In vivo* radioprotective effects
1. Effect on Haemopoietic system
Radioprotective effects of *P.rimosus*

B) *In vivo* radioprotective effects

2. Effect on Tissue Antioxidant system

Radioprotective effects of *P.rimosus*

B) *In vivo* radioprotective effects

3. Effect on Gastrointestinal system

Evaluation of genoprotective activity of *P.rimosus*

Toxicity Studies

Summary

Bibliography

List of Publications