TABLE OF CONTENTS	Page No.
List of Tables	i
List of Figures	iii
List of Plates	vi
1. General Introduction	2-22
1.1 Cancer	2
1.2 Chemotherapy	5
1.3 Herbal Treatment	12
2. Evaluation of protective role of Fermented Papaya Preparation on multi organ toxicity induced by Doxorubicin.	22-92
2.1 Introduction	22
2.2 Materials and Methods	45
2.3 Results	68
2.4 Discussion	89
3. Assessment of preventive and therapeutic role of FPP in Doxorubicin induced organ toxicity	93-130
3.1 Introduction	93
3.2 Materials and Methods	96
3.3 Results	99
3.4 Discussion	123
4. Validation of Protective Role of FPP in Doxorubicin Induced Toxicity <i>in vitro</i> System.	131-146
4.1 Introduction	131
4.2 Materials and Methods	135
4.3 Results	139
4.4 Discussion	144
5. Bibliography	147-187
6. Summary	188-193