CONTENT

CHAPTER	TITLE OF CHAPTERS	PAGE NO
1	INTRODUCTION	1-10
	1.1 LITERATURE SURVEY	1
	1.2 SUMMARY OF THESIS	8
2	**STOCHASTIC INVENTORY MODEL UNDER INFLATION AND PERMISSIBLE DELAY IN PAYMENT FOR SINGLE SUPPLIER**	11-32
	2.1 INTRODUCTION	11
	2.2 NOTATIONS, ASSUMPTIONS AND MODEL	12
	2.3 OPTIMAL POLICY DESCISION FOR THE MODEL	15
	2.4 NUMERICAL EXAMPLE	19
	2.5 SENSTIVITY ANALYSIS	20
	2.6 CONCLUSION	32
3	STOCHASTIC INVENTORY MODEL UNDER INFLATION AND PERMISSIBLE DELAY IN PAYMENT ALLOWING PARTIAL PAYMENT FOR SINGLE SUPPLIER	33-72
	3.1 INTRODUCTION	33
	3.2 NOTATIONS, ASSUMPTIONS AND MODEL	33
	3.3 OPTIMAL POLICY DESCISION FOR THE MODEL	35
	3.4 NUMERICAL EXAMPLE	37
	3.5 SENSTIVITY ANALYSIS	39-72
	CASE I	
	3.5.1 SENSTIVITY ANALYIS FOR λ	39
	3.5.2 SENSTIVITY ANALYIS FOR μ	43
	3.5.3 SENSTIVITY ANALYIS FOR k	47
	3.5.4 SENSTIVITY ANALYIS FOR θ	51
	CASE II	
	3.5.5 SENSTIVITY ANALYIS FOR λ	56
	3.5.6 SENSTIVITY ANALYIS FOR μ	60
	3.5.7 SENSTIVITY ANALYIS FOR k	64
	3.5.8 SENSTIVITY ANALYIS FOR θ	67
	3.6 CONCLUSION	72

CHAPTER	TITLE	PAGE NO
4	**STOCHASTIC INVENTORY MODEL UNDER PERMISSIBLE DELAY IN PAYMENT FOR TWO SUPPLIERS**	73-111
	4.1 INTRODUCTION	73
	4.2 NOTATIONS, ASSUMPTIONS AND MODEL	74
	4.3 OPTIMAL POLICY DESCISION FOR THE MODEL	76
	4.4 NUMERICAL EXAMPLE	85
	4.5 SENSTIVITY ANALYSIS	86-110
	4.5.1 SENSTIVITY ANALYIS FOR λ_1	87
	4.5.2 SENSTIVITY ANALYIS FOR λ_2	91
	4.5.3 SENSTIVITY ANALYIS FOR μ_1	95
	4.5.4 SENSTIVITY ANALYIS FOR μ_2	99
	4.5.5 SENSTIVITY ANALYIS FOR h	103
	4.5.6 SENSTIVITY ANALYIS FOR k	107
	4.6 CONCLUSION	111
5	**STOCHASTIC INVENTORY MODEL UNDER INFLATION AND PERMISSIBLE DELAY IN PAYMENT FOR TWO SUPPLIERS**	112-120
	5.1 INTRODUCTION	112
	5.2 NOTATIONS, ASSUMPTIONS AND MODEL	112
	5.3 OPTIMAL POLICY DESCISION FOR THE MODEL	113
	5.4 NUMERICAL EXAMPLE	117
	5.5 SENSTIVITY ANALYSIS	118
	5.6 CONCLUSION	120
6	**STOCHASTIC INVENTORY MODEL UNDER PERMISSIBLE DELAY IN PAYMENT ALLOWING PARTIAL PAYMENT FOR TWO SUPPLIERS**	121-145
	6.1 INTRODUCTION	121
	6.2 NOTATIONS, ASSUMPTIONS AND MODEL	121
	6.3 OPTIMAL POLICY DESCISION FOR THE MODEL	123
	6.4 NUMERICAL EXAMPLE	125
	6.5 SENSTIVITY ANALYSIS	126-145

CHAPTER	TITLE	PAGE NO
	6.5.1 SENSTIVITY ANALYIS FOR μ_1	127
	6.5.2 SENSTIVITY ANALYIS FOR λ_2	131
	6.5.3 SENSTIVITY ANALYIS FOR h	136
	6.5.4 SENSTIVITY ANALYIS FOR k	141
	6.6 CONCLUSION	145
7	**STOCHASTIC INVENTORY MODEL UNDER INFLATION AND PERMISSIBLE DELAY IN PAYMENT ALLOWING PARTIAL PAYMENT FOR TWO SUPPLIERS**	146-158
	7.1 INTRODUCTION	146
	7.2 NOTATIONS, ASSUMPTIONS AND MODEL	146
	7.3 OPTIMAL POLICY DESCISION FOR THE MODEL	147
	7.4 NUMERICAL EXAMPLE	149
	7.5 SENSTIVITY ANALYSIS	151
	7.6 CONCLUSION	158
8	**STOCHASTIC INVENTORY MODEL FOR MULTIPLE SUPPLIERS**	159-160
	8.1 INTRODUCTION	159
	8.2 CONCLUSION	160
	APPENDIX	161-171
	BIBLIOGRAPHY	172-176
	LIST OF PUBLICATIONS	177-178
	LIST OF PAPERS PRESENTED IN SEMINAR/ NATIONAL/ INTERNATIONAL CONFERENCE	179-180