

## CONTENTS

Chapter	Title	Page No.
<b>I.</b>	<b>Introduction</b>	01
1.1	Statement of the problem	02
1.2	Objectives of the study	02
1.3	Importance of the study	03
1.4	Hypothesis of the study	04
1.5	Operationalisation of the concepts	04
1.6	Limitation of the study	07
<b>II.</b>	<b>Review of Literature</b>	08
2.1	Personal, Socio-communicational Economic and Psychological characteristics of the respondents	09
2.2	Knowledge level of the respondents	17
2.3	Extent of adoption by the respondents	18
2.4	Relationship between personal, Socio-Communicational, economic and psychological characteristics of the respondents and their knowledge level.	20
2.5	Relationship between personal, socio- communicational, economic and psychological characteristics of the respondents and their extent of adoption.	25
2.6	Relationship between knowledge level of the respondents and their extent of adoption.	31
2.7	Constraints and suitable extension strategy.	31
<b>III.</b>	<b>Research Methodology</b>	33
3.1	Plan of the study	33
3.2	Sampling technique	34
3.3	Area of the study	34
3.4	Tools for the study	37
3.5	Pre-testing of the interview schedule	38
3.6	Collection of the data	39
3.7	Measurement of the variables	39
3.8	Statistical framework for analysis of data	48

<b>Chapter</b>	<b>Title</b>	<b>Page No.</b>
<b>IV.</b>	<b>Results and Discussion</b>	51
4.1	Personal, socio-communicational, economic and psychological characteristics of IPM trained and untrained cotton growers.	52
4.2	Knowledge level of IPM trained and untrained cotton growers	74
4.3	Adoption level of IPM trained and untrained cotton growers	76
4.4	Relationship between selected characteristics of IPM trained and untrained cotton growers and their knowledge level	78
4.5	Relationship between selected characteristics of IPM trained and untrained cotton growers and their adoption level.	85
4.6	Relationship between knowledge level and extent of adoption of IPM trained and untrained cotton growers.	94
4.7	Constraints perceived by the trained and untrained cotton growers in adoption of IPM technology in cotton crop.	95
4.8	Suitable extension strategy for effective adoption of IPM technology.	100
<b>V.</b>	<b>Summary and Conclusion</b>	104
5.1	Summary	104
5.2	Major findings and conclusion	107
5.3	Suggestion for action	111
5.4	Suggestions for future research	112
	<b>Bibliography</b>	114
	<b>Appendices</b>	I – XIV