

TABLE OF CONTENTS

List of Contents	Page No.
List Of Tables	xi-xiv
List Of Graphs	xv
List Of Abbreviations	xvi
CHAPTERS:	
I INTRODUCTION	1-15
1.1 Introduction	
1.2 Statement of Research Problem	
1.3 Significance of Research Problem	
1.4 Objectives of Research Study	
1.5 Research Hypothesis	
1.6 Scope and Limitations of Research Study	
1.7 Topography of Yavatmal District	
II REVIEW OF LITERATURE	16-23
2.1 Introduction	
2.2 Review of Literature	
III RESEARCH METHODOLOGY	24-35
3.1 Introduction	
3.2 Types of Research	
3.3 Selection of Research Problem	
3.4 Formulation of Research Hypothesis	
3.5 Research Design	

3.6	Sources and Types of Data	
3.7	Methods and Techniques of Data Collection	
3.8	Methods of Survey	
3.9	Sampling Methods/Techniques	
3.10	Classification, Presentation and Analysis of Data	
3.11	Conclusions and Suggestions	
IV AGRICULTURE AND ECONOMIC DEVELOPMENT		36-79
4.1	Introduction	
4.2	Role of Agriculture in Indian Economy	
4.3	Agriculture in Maharashtra State	
4.4	Agriculture in Yavatmal District	
V WATER RESOURCE MANAGEMENT		80-126
5.1	Introduction	
5.2	Irrigation Capacity	
5.3	Irrigation Backlog	
5.4	Need of Water Resource Development Schemes	
5.5	Watershed Management in the State	
5.6	Watershed Development in Yavatmal District	
5.7	Water Sources Related Finance Schemes	
5.8	Mahatma Jyotiba Fule Jal-Bhumi Sandharan Abhiyan	
5.9	Mahatma Jyotiba Fule Jal-Bhumi Sandharan Abhiyan in Yavatmal Distict	
5.10	Water Conservation Campaign By Z.P. Yavatmal	
5.11	Public Participation In WRD Schemes in Yavatmal Distict	

VI WATER CONSERVATION	127-143
6.1 Introduction	
6.2 Various Methods of Water Conservation	
6.3 Water Recharge Techniques	
6.4 Application and Impact of Water Conservation and Recharge Techniques	
VII IRRIGATION AND AGRICULTURAL PRODUCTION IN YAVATMAL DISTRICT	144-178
7.1 Introduction	
7.2 Importance of Water Resources for Agriculture	
7.3 Irrigation Pattern	
7.4 Irrigation as Agricultural Productivity Increasing Factor	
7.5 Utilization of Potential Irrigation Capacity for Agriculture	
7.6 Operational Problems of Irrigation	
VIII WATER RESOURCCE USE AND FINANCIAL CONDITION OF FARMERS IN YAVATMAL DISTRICT	179-211
8.1 Introduction	
8.2 Use of WRD Schemes for Agriculture	
8.3 Impact of Irrigation Facilities and Related Schemes on Agricultural Income of Farmers	
8.4 Improved Financial Condition Due to WRD Schemes	
IX SUMMARY AND CONCLUSIONS	212-264
9.1 Introduction	
9.2 Testing of Hypothesis	

9.3	Summary and Conclusions	
9.4	Findings and Suggestions	
APPENDICES:		265-280
1	Questionnaire	
2	Schedule No. 1	
3	Schedule No. 2	
4	Schedule No. 3	
5	Bibliography	
6	Map and List of Surveyed Villages in Yavatmal District	