## CONTENTS

		Number
CHAPTER-I		
1.1 (	A) Introduction	1
(	B) Philosophy of Twenty Point Economic Programme	5
1.2	Review of related literature	7
1.3	Statement of the problem	10
1.4	Scope of the study	11
1.5	Definitions of the terms	12
1.6	Objectives of the study	14
1.7	Hypothesis	16
1.8	Sources of data	17
	(A) Sources of secondary data	
	(B) Sources of primary data	
1.9	Methodology	19
1.10	Limitations of the study	24
CHAPTER-I	I : IRRIGATION THE FIFTH FACTOR OF AGRICULTURAL PRODUCTION	29
2.1	Importance of irrigation	30
2.2	Water management	35
2.3	Irrigation methods	39
	2.3.1 Need	39
	2.3.2 Factors determinith the irrigation methods	40
	2.3.3 Different methods	42
	2.3.4 On-farm facilities	42 43
		マン

	Page <u>Number</u>
CHAPTER-III : ECONOMIC AND GEOGRAPHICAL PROFILE OF CHIKODI TALUKA	45
3.1 (A) The Belgaum District	45
(B) The Chikodi taluka	48
1) Location	48
2) Population	49
3) Physiognomy	52
4) Climate	54
5) Rainfall	55
6) Land utilization pattern	58
7) Cropping pattern	68
8) Division of the taluka according to the rainfall zones and sources of irrigation	74
9) Distribution of the land holdings by size	79
10) Some indicators of agricultural development	81
CHAPTER-IV: IRRIGATION DEVELOPMENT DURING 20 POINT ECONOMIC PROGRAMME PERIOD	84
4.1 Present irrigation conditions	87
4.2 Development of different sources of irrigation in recent years	91
4.3 Causes of rapid development of well irrigation	93

		Page <u>Number</u>
CHAPTER-IV	(Contd)	
4.4	Cost benefit relations of the government projects	97
4.5	Organization of minor irrigation administration	99
4.6	New credit policy for irrigation development	100
4.7	Ganga Kalyan Yojana	109
CHAPTER-V:	SOCIO-ECONOMIC IMPACT OF IRRIGATION DEVELOPMENT	113
5.1	Introduction	113
5.2 (A)	Analysis of primary data	115
(B)	Nature of the analysis	115
5.3 (A)	Distribution of farming population investigated	116
(B)	Holdingwise land ownership and utilization pattern	117
(c)	Distribution of land according to the fertility among different groups of farmers	118
(D)	Income conditions of the farmers investigated	119
(E)	Cropping pattern	120
(F)	Financial situations of the farmers investigated	121
( G)	Redistribution of land ownership	123

	Page Number
CHAPTER-V (Contd)	
<ul><li>(H) Sources of irrigation</li><li>(I) Intensity of cultivation</li></ul>	124 125
(J) Cost-benefit situations	127
(K) Household conditions of the farmers investigated	130
5.4 The 20 Point Economic Programme and the investigated farmers	131
(A) Consciousness about 20 Point Economic Programme among the investigated farmers	132
(B) Benefits received by the investi- gated farmers	134
CHAPTER-VI : SUMMARY AND SUGGESTIO-NS	
Summary	138
Suggestions	163
Questionnaire	172
Bibliography.	190