

I N D E X

Chapter - I

INTRODUCTION

- 1) Dairy Industries and Optimization
- 2) Definitions: Mathematical Model and Linear Programming Model, objective.
- 3) General LPP
- 4) Objectives and Assumptions
- 5) Problems in dairying

Chapter -II

DAIRY PLANT

- 1) Dairy Project
- 2) Working of Dairy Plant
- 3) Milk and Milk Product Processing

Chapter-III

METHODOLOGY

- 1) Method adopted
- 2) Survey and Lectreture and formulation of Model
- 3) Definitions of Variables
- 4) Data Collection
- 5) Working Capital

- 6) **Definitions of Values of Parameters**
- 7) **Man and Machine Time**
- 8) **Labour Hours**
- 9) **Steam Consumption**
- 10) **Refrigeration and Cold Storage**
- 11) **Quality Control**
- 12) **Demand Coefficients**

Chapter - IV

MATHEMATICAL FORMULATION

- 1) **Mathematical Modeling**
- 2) **Liner Programming Model**
- 3) **Mathematical formulation**

Chapter V

SUMMARY

- 1) **Summary and Future Scope**
- 2) **Finding of the Investigation**

References

Statements