CONTENTS

ACKNOWLEDGEMENTS
LIST OF TABLES
LIST OF FIGURES

Chapter

I. INTRODUCTION

Statement of the problem
Objectives of the study
Scope and coverage of the study
Time horizon for the study
Field work and data collection
Framework of analysis of data
  Analysis of input data
  Design of the simulation experiment
  Generation of output data
  Analysis of output data

Importance of the study
Limitations of the study
Organisation of the thesis

II. PROBLEMS AND FINANCIAL PERFORMANCE OF
THE NATIONAL TEXTILE CORPORATION
(TAMIL NADU & PONDICHERRY) LIMITED

General environment of textile industry
The emergence of the National Textile Corporation
The National Textile Corporation (Tamil Nadu & Pondicherry) Limited

PAGE
1
vii
xi
1
21
CONTENTS - Continued

Chapter Analysis of financial performance of the NIC(TNP) Ltd.

III. CONCEPTS RELATING TO FINANCIAL FORECASTING MODELS

Measures of financial performance
The dynamic nature of financial performance
Risk and uncertainty
Dynamic planning behaviour of a textile mill
The use of computer simulation models in planning
   Simulation - an explanation
   Merits of simulation
   Rationale for inclusion of stochastic error terms

IV. DEVELOPING A FINANCIAL FORECASTING MODEL

Conceptual financial forecasting model
Operational financial forecasting models
   The price forecasting model
   forecasting cotton prices
   forecasting yarn prices
Forecasting other items of cost of production
Forecasting productivity
CONTENTS -- Continued

Chapter  

The financial forecasting simulation model  
  
Sales module  
Raw materials cost module  
Income statement module  
Cash flow module  
Current assets and current liabilities module  
Balance sheet module  

Properties of the Computer simulation model  

Computer realisation of the financial forecasting model  

V. AN APPLICATION OF THE FINANCIAL FORECASTING MODEL  

Basic situation at the TC (TN&P) Ltd  
Assumption about the NIG (TN&P) Ltd  
Estimation of parameters and values of variables used in the financial forecasting model  
Cotton price forecasting sector  
Yarn price forecasting sector  
Income statement sector  
Cash flow sector  
Current assets and current liabilities sector  
Balance sheet sector  

Page 125