## CONTENTS

Preface ........................................ i
Acknowledgements ........................ v
List of Tables ................................. x
List of Figures ............................... xi

### Chapter One
**A FRAMEWORK OF THE STUDY**

1.1 Preliminary Considerations ........ 1
1.2 The Role of Project Management in Economic Development ... 9
1.3 Literature Review .................... 14
1.4 Scope of the Study .................. 24
1.5 Justification of the Study and its Relevance to Sudan .... 25
1.6 The Problem Stated ................. 34
1.7 Objective of the Study .......... 37
1.8 Research Methodology ............ 38
1.9 Limitations of the Study .......... 43

### Chapter Two
**EXAMINATION OF THE PROCESS OF PROJECT MANAGEMENT IN MANUFACTURING INDUSTRY IN SUDAN**

2.1 National Planning and Industrial Policies - A Historical Review ... 45
2.2 Project Formulation and Evaluation .... 48
2.3 Implementation System of Public Sector Manufacturing Projects  59

2.4 Licensing Apparatus and the Selection of Private Sector Manufacturing Projects  70

2.5 Term-Lending Institutions and Industrial Project Evaluation  76

2.6 Chapter Summary  82

Chapter Three  A CASE STUDY OF MELUT SUGAR PROJECT (SUDAN)

3.1 Project Planning  84

3.2 Feasibility Study and Contracting  86

3.3 Project Implementation  90

3.4 Time Overruns of the Project  94

3.5 Progress of the Project (1980-1987)  97

3.6 Lessons from Melut Sugar Project  ...  101

Chapter Four  EXAMINATION OF THE PROCESS OF PROJECT MANAGEMENT IN MANUFACTURING INDUSTRY IN INDIA

4.1 National Planning and Project Identification  102

4.2 Industrial Policy and Project Licensing  104

4.3 Project Formulation  113

4.4 Project Evaluation  117

4.5 Project Implementation  125

4.6 Industrial Project Evaluation by Term-Lending Institutions  133

4.7 Chapter Summary  146
Chapter Five  
A CASE STUDY OF BARAUNI FERTILISER PROJECT (INDIA)

5.1 Project Planning 149  
5.2 Detailed Engineering 152  
5.3 Project Implementation 156  
5.4 Time and Cost Overruns of the Project 162  
5.5 Lessons from Barauni Fertiliser Project 172

Chapter Six  
ANALYSIS AND COMPARISON OF THE PROCEDURES OF INDUSTRIAL PROJECT MANAGEMENT IN SUDAN AND INDIA

6.1 Project Planning (Formulation and Evaluation) 174  
6.2 Organisational Set-up 184  
6.3 Project Implementation 191  
6.4 Coordination - The Essence of Project Management 203  
6.5 Private Sector Industrial Project Evaluation 209  
6.6 Chapter Summary 219

Chapter Seven  
CONCLUSIONS AND POLICY IMPLICATIONS

7.1 Conclusions 223  
7.2 Policy Implications 235

APPENDICES ... 246  
BIBLIOGRAPHY ... 262