CHAPTER- 2 REVIEW OF LITERATURE


The author has made an attempt to find out cost trend, profitability and operational efficiency of the sugar Industry of both the states. The study also attempts to compare the working of the sugar Industry of different regions of Uttar Pradesh and Maharashtra.

The book will certainly prove to be useful to the students, financial analysts and management of sugar Industry of India.


Author in this book systematic, comprehensively, analyzed the problem of mills workers and welfare measures introduced especially in the sugar industry. Industry and labour are mutually complementary, therefore, the prosperity and growth of one depend upon the progress and prosperity of the other and an attempt has been made to make suggestions to attain the goal of providing the factory workers of sugar industry with the opportunity to lead a better and happier life.


This book is written for technicians’ in-charge of operation and chemical control of sugar Industry. It deals comprehensively with the practical aspects of the manufacture of raw and white consumption sugar from sugarcane. The principal object throughout has been to offer solutions to practical problems in precise manner.

In this book concentration on technology matter at the end of the book has been abandoned as it was leading to difficulties.


This book has laid the accent on principles of the technology, the physical operating conditions and the chemical reactions involved in sugar industry.


This book covering all the machinery and equipment used in a cane sugar factory, the present volume is offered the sugar world; hitherto the engineering side of sugar manufacture has not been the subject of nearly so many publications as has the agricultural and manufacturing sides of the industry, so an attempt has now been made to meet the deficiency.


Four important matters related to sugar industry in his hand book (1) to afford a concise survey of the manufacturing and refining processes (2) to provide selected analytical procedures and reference tables for the control chemist (3) to explain and compare methods of chemical control and (4) to indicate the references, additional sources of information.

This book deals with measures to remedy unknown losses in sugar industry, raise clarification efficiency, minimize losses by various pan boiling schemes, as well as lower the final molasses purity by high speed electrical centrifugation.


This book was discussing on following topics, “Soil, Climate, Botany of Sugarcane, Land preparation, Seed, Planting & Inter-culture, Pests, Diseases, etc.


The book is more than a mere story. It gives factual information on many facets of sugar cane cultivation, irrigation system, construction of factories, old and new equipment, trouble shooting, comparative value of different labor forces, role of chemists in scientific quality control and production efficiency, etc.


This handbook has been prepared to promote a wider public understanding of the sugar producing industry in the principal areas supplying the United States market and particularly in Cuba, the major source of sugar consumed here.


This book analyses Historical background of: Indian Sugar Industry, Agricultural Economics of Sugarcane, problems of cane marketing and transport, technical
performances, utilization of byproducts, labour and relations, policies on sugar economy, fiscal and financial aspects of the industry and forecasts about the industry.


This study of Government and Co-operative Sugar factories in Maharashtra would be of general interest and would contain some lesson for the promotion of other co-operative enterprises.


This book is analyzed applied management series encompasses a wide variety of areas like personal management TQM, Progressive Management Techniques and Practice Administration in Government Department Management.


This book focuses on Encashment of leave respondent on instrumentally of state.


The book is divided into six parts. Part IV of the book entitled: “Indian Industries” unfolds the industrial pattern that was inherited by national government and the influence of the five year plans in shaping the industrial pattern to suit the needs of a progressive economy. This is followed by a discussion of some large scale – enterprises, small scale enterprises, the problem of industrial financial and management.


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This book analyzed to promote knowledge of the science and practice of sugar technology and other kindred branches of science for persons pursuing or studying for this profession and the problem of sugar factories and sugar technology as advised by its regional council members through its Research and Investigation Committee and other well established national laboratories.


The author makes an attempt to examine the licensing policy of sugar industry of the government of India He has discussed the aspect of development of sugar industry and it’s important in rural development and area development by cooperative sugar factories.

20. B.G.DESHAI (1990) undertook the study on “the study of growth of sugar industry in Gujarat” It is a thesis submitted to VNSGU,SURAT he has described the history of sugar industry in Gujarat particularly the history of Bardoli, Madhi,Chalthan, Gandevi, Valsad and Kodinar sugar co operatives
He has also discussed the production trend of sugarcane and sugar during the period of study this study was based on the historical background of sugar co operatives of Gujarat

21. A.P BIRADAR PATIL (1991) Studied “The Study of co operative Sugar Factories in belgam District” his Ph.D thesis Submitted to the Karnataka University Dharwad the study Examines the process of growth of sugar factories in the context of co operative movement the author Discussed the Structure and working of cooperative During the period 1975-76 to 1985-86 the study also evaluated the cost of sugarcane cultivation net incomes of sugarcane growers and the various problem confronting the sugar co operative.
22. V.N. PATEL (1991) Studied “The Quality of work life in Sugar industry” is a comparative study of Bardoli and Vyara Sugar Factory in Surat District of Gujarat State in his Study he has examined the quality of work life in the contexts of workers employed in Sugar Factories. He has also analysed the place of work Facilities provided by sugar factories management and economic condition of factory workers.

23. Dr. A.R.NAIK (1992) “Growth pattern and productivity of sugar industry” Ph. D. thesis Submitted to VNSGU, Surat the Study examines the production and utilisation pattern and productivity of Sugar industry the author Also Discussed the total cropped area, sugarcane production and output of sugar etc, in Detailed.


Thus, Various Scholars have studied the various aspects of the sugar industry vividly. It should be emphasized here that whenever a particular factory is established in a region it considers all its aspects from all the angles. A number research Studies have been made mostly in other state like U.P, M.H, A.P, and T.N, from the above review of previous studies it can be observed that in spite of the ever increasing importance and expansion of sugar co-operatives. No systematic invention has been made so far regarding the financial performance of sugar industry is concern and no scholar has taken all the sugar factories of Gujarat State as a sample.

In this regard the present study assumes significant on the ground that it is an investigative study.