

CHAPTER - V

CONCLUSIONS & SUGGESTIONS

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In this dissertation applications of quantitative techniques is done to small scale agro based industries. The researcher has shown how one can apply quantitative techniques to data collected from the Small Scale Industries. The study gives optimal combination of products, which gives maximum profit to the industries.

1. The selected small scale agro based manufacturing industries are owned, managed and controlled by the educationally unqualified persons.
2. The skilled and trained workers are not available in the selected small scale industries for manufacturing and distribution process.
3. The management of these industries are not using any quantitative techniques for optimal utilisation of available resources such as machine capacity, manpower, money, time and other facilities etc.
4. In all the selected industries no proper storage facilities are available for maintaining the raw materials and final products.
5. To improve the quality of product (each) modern machines and sophisticated instruments are not available in these selected industries.

6. To maintain the quality of product the *JIG FIGURES* is available in the selected small scale industries. Other sophisticated instruments are not available in the manufacturing process for maintaining the quality of product.

7. The profit of the selected industries are increased after formulating the Linear Programming model, are as follows

Present Profit	24,000	32,000	9,000	17,000
Profit by L.P.P.	36,020	40,330	18,446	32,555

8. The sales of the selected industries are indicates the upward tendency for the last five years.

9. All the selected small scale industries are run on two shifts basis.

SUGGESTIONS

1. The management of the selected small scale agro based industries should recruit qualified personnel.
2. The skilled and trained workers should be selected by the management of these industries for manufacturing and distribution process.
3. As far as possible the industries should provide storage facilities for raw materials.
4. The company's plan the inventory as per Economic Order Quantity Policy suggested here.
5. Depending upon the industries financial capacity they should try to modernising the available machines.
6. They should use the statistical quality control technique for maintaining the quality of the products.
7. The management of the small scale industries should apply the available quantitative techniques for the production department, inventory department which improves not only the overall functioning and performances but also profit margin of the industries.
8. The industries should utilise scare resources such as machine capacity, manpower, money, time and other facilities etc. in an optimum way.
9. Industries should plan the production in advance with the help of Linear Programming Model and Techniques mentioned in this dissertation.