

A STUDY ON PILOT STUDY FINDINGS OF SMALL AND MEDIUM SCALE INDUSTRIES — A CASE STUDY

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Abstract : After the ancient days of agriculture, Small and medium scale industries sets as a backbone for countries' development. This comprehensive perspective study more focused on a few characteristics of small and medium scale industries. The potential areas of the key factors of cost, time, and quality are investigated for further research scope. This paper emphasizes on quality information to the improvement of quantitative key factors further. Thereby it enhances customer satisfaction and sustainability.

Index Terms – Key Factors, Improvement, Customer Satisfaction, Reliability, Sustainability

I. INTRODUCTION

Now a day's because of industrialization, the number of industries is turning on. But because of many reasons sick industries are also increased. Hence time to rethink and identify key factors of success.

The major three parameters considered are

1. Cost ---financial perspective and growth
2. Time ---time emphasis on completion.
3. Quality ---customer satisfaction, fitness to stand.

But they have a direct and indirect relationship. In some cases, they may influence other parameters. The annual measurement also depends on the same factors.

Reliability and validity of survey

3.3 Theoretical framework

Questionnaire covering data from finance, design, manufacturing and design information.

I. RESEARCH METHODOLOGY

Aiming at qualitative research by Collection of information or data from the proprietor of the company
The segment of manufacturing industries is viewed with the few assumptions.

The methodology section defines the method and plan on how the study is conducted. This includes Universe of the study, sample of the study, Data and Sources of Data, study's variables and analytical framework. The segment of manufacturing industries is viewed with the following assumptions are methods.

To succeed in the conclusion part several parameters are simplified.

No of industries ---40

No of persons Interviewed ---40—50 members

Responses obtained ---100 male ---- (90% -and female 10 %)

Survey method –initially qualitative.

The method adopted ---Random sampling

Target population –small and medium industries

Statistical tool---SPSS

Pilot study –period three months to check the validity of the instrument,

The perfect approach to define the repeatability of the instrument.

3.1 Population and Sample

Targeted population and random sampling.

3.2 Data and Sources of Data

Primary and secondary sources.

3.3 Theoretical framework

The variables of the study contain a dependent and independent variable. The study used the pre-specified method for reliability test irrespective of the type of variable

IV. RESULTS AND DISCUSSION

In this paper, an attempt has been made to explore the various

Key parameters of successes of the organization. The parameters considered are time, cost, and quality. In the project management perspective all equally contributes like an equilateral triangle but here the survey reveals that response rate for time 10%, cost 12.5%,

Quality 77.5%.

Reliability Statistics result

Cronbach's Alpha	No. of Items
.947	40

Result – **Cronbach's alpha** is a measure of internal consistency within limits and found as 0.94 to 0.98

The main Perspective is to identify and understand the performance factors to conclude cost, time, and quality.

II. ACKNOWLEDGMENT

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