

ABSTRACT

ICSTC – 2023, NINTH INTERNATIONAL CONFERENCE ON STATISTICS FOR TWENTY-FIRST CENTURY-2023.

Title: APPLICATION OF STATISTICAL CONTROLS IN THE INDIAN INDUSTRIES AND BUSINESS HOUSES.

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Since 1990 the application of Statistics in the Industry has picked up momentum – thanks to the Quality Management Systems – ISO -9001 and other standards which are mandated for the manufacturing and service sector organisations. Customer requirements are also becoming more demanding in this aspect. Example- Cp and Cpk indices are insisted to be evaluated and informed to customer to better understand the consistency or the manufacturing processes to the specifications.

All processes (not only manufacturing) Marketing, Design, Production, Quality, Purchase (including the sub suppliers- Supply Chain), Stores, Maintenance, Despatches to customer. Human Resource, Etc..

This paper outlines the statistical methods used in practice by the industry and Business Organisations.