RESEARCH METHODOLOGY

RESEARCH AREA

Basically the area of research is Management. The topic is related to Operations, Production and Materials Management field. The study will be carried out in Medium and Large Scale Manufacturing Organizations in Pune region.

RESEARCH DESIGN

The research is of **Analytical research**.

The study mainly focuses on the World-Class manufacturing practices like TQM, Lean Manufacturing, TPM, 6-Sigma, Kanban, Kaizen, 5-S etc. Research design is selected after thorough study and learning of the objectives of study. The sample size will be around 200 medium and large manufacturing organizations in Pune region.

A questionnaire will be formulated and responses will be taken from medium and higher positioned managers in the organizations. The data will be collected and analysed.

SOURCES OF DATA

**Primary data** will be collected from middle and higher level Managers and Entrepreneurs of various manufacturing organizations in Pune region with the help of predesigned questionnaire.
Secondary data will be collected from various Journals, e-journals, Books, Magazines, websites, leaflets, brochures.

**SAMPLE SIZE**

Sample size will be 200 manufacturing organizations in Pune region.

**SAMPLING TECHNIQUE**

Non Probability Convenience Sampling

**ANALYSIS OF DATA**

After collection of data it will be compiled. The analysis will be carried using Chi Square Test and SPSS software.