2. OBJECTIVES

This program of study continues personal research and professional practice in the field of quality improvement especially in an automotive sector as it is growing sector in India & Gujarat especially.

The objectives of this work are

- To develop continuous quality improvement model for small-to-medium scale automotive industries by implementing and analyzing the impact of auto core tools to answer the aforementioned broad research questions.
- To determine the operational level factors called process performance parameters those influence the business performance of the small scale automotive industries.
- To identify the impact of each of the core tools, specifically in small-medium industries, their linkages, and how the core tools, if used correctly in a process based management system, can lead to continuous improvement, defect prevention, and reduction in variation.
- To test and validate the continuous quality improvement model through real-life case studies.