CHAPTER 3

SCOPE AND OBJECTIVES

3.1 INTRODUCTION

Inline with the IT revolution the access to knowledge bank and to various development works and practices is phenomenal and fast. Alternatively, innovation and creativity in delivering the available knowledge are the issues and many times people apply practices/methodologies which do not suit their business requirements and hence fail. Moreover the presence of many consultancy firms, consultants, books, websites etc., have confused the manufacturing companies in selecting the appropriate manufacturing practice.

This necessitated an exclusive model to select appropriate manufacturing practices to meet the challenges faced by manufacturing organizations and be successful in their endeavour to be players in the global market.

3.2 SCOPE

- To obtain data on current manufacturing practice from Indian auto component industries in line with global practices.
• To make an analytical assessment of the available manufacturing practices for such identified objectives.
• To devise a procedure to identify the required objectives of management for a particular situation.
• To provide guidelines to select appropriate manufacturing practices that will contribute to industrial competitiveness.

### 3.3 OBJECTIVES

• To study and analyse the advanced manufacturing practices in auto component manufacturing industry in the light of emerging globalised competitive environment.
• To identify the key objectives for the selected manufacturing practices.
• To identify the factors for manufacturing excellence.
• To categorise the identified manufacturing practices according to their core types.
• To draw the relationship between the manufacturing practices and the objectives.
• To develop a model for selection of appropriate manufacturing practice.
• To develop a software for selection of appropriate manufacturing practice.
• To study the impact of deployment of the selected manufacturing practices.