Preface
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This thesis entitled CONTRIBUTION TO THE STUDY OF THREE-CLASS ATTRIBUTES SAMPLING PLANS FOR LOTS HAVING MARGINAL QUALITY ITEMS is the result of an investigation carried out by me in the Department of Statistics, PSG College of Arts and Science, Coimbatore - 641 014. The material is presented in seven chapters.

The materials presented in this thesis are provided in seven chapters.

Chapter 1: Introduction: This chapter highlights the purpose of designing sampling plans, review of designing sampling plans and review of designing methodologies. The concepts, terminologies and symbols of acceptance sampling in connection with this thesis are explained.

Chapter 2: Review of related literature: This chapter provides a brief survey of the relevant background material on which the work is based and the designing approaches followed in this thesis are also summarized.

Chapter 3: Construction and selection of 3-class attributes Single Sampling Plans: In this chapter, the construction and selection of 3-class attributes single sampling plans are provided. Tables are also provided for easy selection of these plans.

Chapter 4: Construction and selection of 3-class attributes Double Sampling Plans: This chapter provides procedures and tables for the construction and selection of 3-class attributes double sampling plans.

Chapter 5: Construction and selection of 3-class attributes Link Sampling Plans: The procedures and tables for the construction and selection of 3-class attributes Link sampling plans are presented in this chapter.
Chapter 6: **Construction and selection of 3-class attributes Deferred Sampling Plans:** The procedures and tables for the construction and selection of 3-class attributes deferred sampling plans are presented in this chapter.

Chapter 7: **Conclusion and Suggestions:** The findings and conclusions based on all the chapters are presented. Suitable suggestions and guidelines for future research are also presented.

This thesis is tremendously committed and exclusively dedicated to my parents, all my beloved teachers and my family members.

S. RAVI SANKAR